Geologic Evolution of the Himalayan-Tibetan Orogen

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#	Paper	IF	Citations
2261	Remnants of a Cretaceous intra-oceanic subduction system within the Yarlung-Zangbo suture (southern Tibet). **2000**, 183, 231-244		285
2260	The Zedong Window: A record of superposed Tertiary convergence in southeastern Tibet. **2000**, 105, 19211-19230		162
2259	Mode of Cenozoic east-west extension in Tibet suggesting a common origin of rifts in Asia during the Indo-Asian collision. **2000**, 105, 21745-21759		241
2258	Seismic polarization anisotropy beneath the central Tibetan Plateau. **2000**, 105, 27979-27989		161
2257	Crustal deformation along the Altyn Tagh fault system, western China, from GPS. **2001**, 106, 30607-30621		146
2256	Structure of the Altyn Tagh Fault and Daxue Shan from magnetotelluric surveys: Implications for faulting associated with the rise of the Tibetan Plateau. **2001**, 20, 474-486		25
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2254	Cenozoic structural and metamorphic evolution of the eastern Himalayan syntaxis (Namche Barwa). **2001**, 192, 423-438		232
2253	Initiation and Long-Term Slip History of the Altyn Tagh Fault. **2001**, 43, 1087-1093		129
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2251	Structural framework and its evolution in Chasang area of Qiangtang Basin in northern Tibetan. **2001**, 44, 18-26		3
2250	Normal faulting in central Tibet since at least 13.5 Myr ago. **2001**, 412, 628-32		319
2249	Palaeozoic-Early Mesozoic Accretionary Tectonics of the Western Kunlun Range, NW China. **2001**, 4, 826-827		11
2248	Late Holocene earthquake history of the central Altyn Tagh fault, China. **2001**, 29, 1051		73
2247	Kunmingaspis (Trilobita) putatively from the Yunling collage, and the Cambrian history of the eastern Himalayan syntaxial region. **2002**, 76, 709		12
2246	Carboniferous-Triassic subduction and accretion in the western Kunlun, China: Implications for the collisional and accretionary tectonics of the northern Tibetan Plateau. **2002**, 30, 295		119
2245	Paleomagnetism indicates no Neogene rotation of the Qaidam Basin in northern Tibet during Indo-Asian collision. **2002**, 30, 263		69

2244	Tectonic Evolution of the West Kunlun: Geochronologic and Geochemical Constraints from Kudi Granitoids. **2002**, 44, 653-669	62
2243	Kunmingaspis (Trilobita) putatively from the Yunling collage, and the Cambrian history of the eastern Himalayan syntaxial region. **2002**, 76, 709-717	10
2242	Arc-ophiolite obduction in the Western Kunlun Range (China): implications for the Palaeozoic evolution of central Asia. **2002**, 159, 517-528	128
2241	Cenozoic deformation of the Tarim plate and the implications for mountain building in the Tibetan Plateau and the Tian Shan. **2002**, 21, 9-1-9-17	76
2240	Implications of shortening in the Himalayan fold-thrust belt for uplift of the Tibetan Plateau. **2002**, 21, 12-1-12-25	371
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2237	A plate tectonic model for the Paleozoic and Mesozoic constrained by dynamic plate boundaries and restored synthetic oceanic isochrons. **2002**, 196, 17-33	1778
2236	SHRIMP U–Pb zircon geochronological and geochemical evidence for Neoproterozoic arc-magmatism along the western margin of the Yangtze Block, South China. **2002**, 196, 51-67	743
2235	Large N–S convergence at the northern edge of the Tibetan plateau? New Early Cretaceous paleomagnetic data from Hexi Corridor, NW China. **2002**, 201, 293-307	25
2234	Lithospheric structure and its relationship to seismic and volcanic activity in southwest China. **2002**, 107, ESE 13-1-ESE 13-14	107
2233	New constraints on the India–Asia collision: the Lower Miocene Gangrinboche conglomerates, Yarlung Tsangpo suture zone, SE Tibet. **2002**, 21, 251-263	91
2232	Structural and Chronological Evidence for the India-Eurasia Collision of the Early Paleocene in the Eastern Himalayan Syntaxis, Namjagbarwa. **2002**, 76, 446-454	6
2231	Paleogene island arc collision-related conglomerates, Yarlung–Tsangpo suture zone, Tibet. **2002**, 150, 247-273	72
2230	Caledonian low-temperature granulite-facies metamorphism in the West Kunlun orogenic belt—SHRIMP Chronological evidence from zircon. **2003**, 22, 345-351	1
2229	New geological evidence of crustal thickening in the Gangdese block prior to the Indo-Asian collision. **2003**, 48, 1604-1610	67
2228	Tectonic and sedimentary basin evolution of the eastern Bangong–Nujiang zone (Tibet): a Reading cycle. **2003**, 92, 228-254	42
2227	Post-collisional crustal extension setting and VHMS mineralization in the Jinshajiang orogenic belt, southwestern China. **2003**, 22, 177-199	38

2226	Partial melt or aqueous fluid in the mid-crust of Southern Tibet? Constraints from INDEPTH magnetotelluric data. **2003**, 153, 289-304	181
2225	Magnetostratigraphy of Tertiary sediments from the Hoh Xil Basin: implications for the Cenozoic tectonic history of the Tibetan Plateau. **2003**, 154, 233-252	74
2224	Geochemical and geochronological constraints on the origin and emplacement of the Yarlung Zangbo ophiolites, Southern Tibet. **2003**, 218, 191-206	91
2223	Crustal structure of northern and southern Tibet from surface wave dispersion analysis. **2003**, 108,	85
2222	Northeastward growth and uplift of the Tibetan Plateau: Magnetostratigraphic insights from the Guide Basin. **2003**, 108, EPM 1-1-EPM 1-11	44
2221	Direct dating of left-lateral deformation along the Red River shear zone, China and Vietnam. **2003**, 108,	232
2220	INDEPTH III seismic data: From surface observations to deep crustal processes in Tibet. **2003**, 22, n/a-n/a	102
2219	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. **2003**, 22, n/a-n/a	323
2218	Two phases of Mesozoic north-south extension in the eastern Altyn Tagh range, northern Tibetan Plateau. **2003**, 22, n/a-n/a	77
2217	Magmatic history of the northeastern Tibetan Plateau. **2003**, 108,	229
2216	Late Cenozoic geological evolution of the foreland basin bordering the West Kunlun range in Pulu area: Constraints on timing of uplift of northern margin of the Tibetan Plateau. **2003**, 108,	68
2215	Reconstruction of the Altyn Tagh fault based on U-Pb geochronology: Role of back thrusts, mantle sutures, and heterogeneous crustal strength in forming the Tibetan Plateau. **2003**, 108,	218
2214	Extensional collapse of the Tibetan Plateau: Results of three-dimensional finite element modeling. **2003**, 108,	89
2213	Conjugate strike-slip faulting along the Bangong-Nujiang suture zone accommodates coeval east-west extension and north-south shortening in the interior of the Tibetan Plateau. **2003**, 22, n/a-n/a	129
2212	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. **2003**, 22, n/a-n/a	279
2211	Neogene extension and volcanism in the Kunlun Fault Zone, northern Tibet: New constraints on the age of the Kunlun Fault. **2003**, 22, n/a-n/a	142
2210	Paleomagnetism indicates no Neogene vertical axis rotations of the northeastern Tibetan Plateau. **2003**, 108,	38
2209	Cenozoic Volcanism in Tibet: Evidence for a Transition from Oceanic to Continental Subduction. **2003**, 44, 1833-1865	413

2208	Present-day slip-rate of Altyn Tagh Fault: Numerical result constrained by GPS data. **2003**, 55, 509-514	6
2207	Miocene Jiali faulting and its implications for Tibetan tectonic evolution. **2003**, 205, 185-194	94
2206	Rates of late Quaternary normal faulting in central Tibet from U-series dating of pedogenic carbonate in displaced fluvial gravel deposits. **2003**, 215, 169-186	40
2205	Uplift-driven climate change at 12 Ma: a long δ18O record from the NE margin of the Tibetan plateau. **2003**, 214, 267-277	193
2204	Adakites from continental collision zones: Melting of thickened lower crust beneath southern Tibet. **2003**, 31, 1021	769
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2202	Seismic imaging of the downwelling Indian lithosphere beneath central Tibet. **2003**, 300, 1424-7	258
2201	Stratigraphic and sedimentological constraints on the age and tectonic evolution of the Neotethyan ophiolites along the Yarlung Tsangpo suture zone, Tibet. **2003**, 218, 147-164	27
2200	Kinematic model for the Main Central thrust in Nepal. **2003**, 31, 359	163
2199	Multiple Accretionary Orogenesis and Episodic Growth of Continents: Insights from the Western Kunlun Range, Central Asia. **2003**, 45, 303-328	56
2198	A Second Look at the Geologic Map of China: The "Sloss Approach". **2003**, 45, 119-132	7
2197	Precise radiolarian age constraints on the timing of ophiolite generation and sedimentation in the Dazhuqu terrane, Yarlung□sangpo suture zone, Tibet. **2003**, 160, 591-599	89
2196	Petrologic case for Eocene slab breakoff during the Indo-Asian collision: Comment and Reply. **2003**, 31, e8-e8	1
2195	The Akato Tagh bend along the Altyn Tagh fault, northwest Tibet 1: Smoothing by vertical-axis rotation and the effect of topographic stresses on bend-flanking faults. **2004**, 116, 1423-1442	62
2194	The Akato Tagh bend along the Altyn Tagh fault, northwest Tibet 2: Active deformation and the importance of transpression and strain hardening within the Altyn Tagh system. **2004**, 116, 1443-1464	42
2193	Late Cenozoic Right-Lateral Movement along the Wenquan Fault and Associated Deformation: Implications for the Kinematic History of the Qaidam Basin, Northeastern Tibetan Plateau. **2004**, 46, 861-879	56
2192	Late Permian rifting of the South China Craton caused by the Emeishan mantle plume?. **2004**, 161, 773-781	135
2191	Nb-depleted, continental rift-related Akaz metavolcanic rocks (West Kunlun): implication for the rifting of the Tarim Craton from Gondwana. **2004**, 226, 131-143	12

2190	Deep reflection surveying in central Tibet: lower-crustal layering and crustal flow. **2004**, 156, 115-128	47
2189	Late Miocene movement within the Himalayan Main Central Thrust shear zone, Sikkim, north-east India. **2004**, 22, 207-226	121
2188	U-Pb ages of Kude and Sajia leucogranites in Sajia dome from North Himalaya and their geological implications. **2004**, 49, 2087	32
2187	40Ar-39Ar geochronology of Cenozoic Linzizong volcanic rocks from Linzhou Basin, Tibet, China, and their geological implications. **2004**, 49, 1970-1979	89
2186	SHRIMP U-Pb zircon dating on Nyainqentanglha granite in central Lhasa block. **2004**, 49, 76-82	11
2185	A late Cenozoic Earth's crust and climate dynamics record from Lake Baikal. **2004**, 32, 341-349	13
2184	Conglomerates record the tectonic evolution of the Yarlung-Tsangpo suture zone in southern Tibet. **2004**, 226, 235-246	10
2183	Evidence for the multiphase nature of the India-Asia collision from the Yarlung Tsangpo suture zone, Tibet. **2004**, 226, 217-233	28
2182	Oligocene-Miocene Tectonics and Sedimentation along the Altyn Tagh Fault, Northern Tibetan Plateau: Analysis of the Xorkol, Subei, and Aksay Basins. **2004**, 112, 207-229	106
2181	Cenozoic Left-Slip Motion along the Central Altyn Tagh Fault as Inferred from the Sedimentary Record. **2004**, 46, 839-856	23
2180	Paleomagnetism of Miocene sediments from the Turfan Basin, Northwest China: no significant vertical-axis rotation during Neotectonic compression within the Tian Shan Range, Central Asia. **2004**,	
2179	Crustal and upper mantle structure of northern Tibet imaged with magnetotelluric data. **2004**, 109,	120
2178	Crustal fabric in the Tibetan Plateau based on waveform inversions for seismic anisotropy parameters. **2004**, 109,	121
2177	Concentration of crustal displacement along a weak Altyn Tagh fault: Evidence from paleomagnetism of the northern Tibetan Plateau. **2004**, 23, n/a-n/a	25
2176	Paleogene clockwise tectonic rotation of the Xining-Lanzhou region, northeastern Tibetan Plateau. **2004**, 109,	111
2175	Tomographic inversion of Pn travel times in China. **2004**, 109,	138
2174	Crustal channel flows: 1. Numerical models with applications to the tectonics of the Himalayan-Tibetan orogen. **2004**, 109,	454
2173	Uppermost mantle velocities beneath China and surrounding regions. **2004**, 109,	88

2172	Mesozoic-Cenozoic evolution of the Xining-Minhe and Dangchang basins, northeastern Tibetan Plateau: Magnetostratigraphic and biostratigraphic results. **2004**, 109,	122
2171	Assembly of the Pamirs: Age and origin of magmatic belts from the southern Tien Shan to the southern Pamirs and their relation to Tibet. **2004**, 23, n/a-n/a	236
2170	Crustal seismic anisotropy in central Tibet: Implications for deformational style and flow in the crust. **2004**, 31,	89
2169	Chemical Compositions and Tectonic Significance of Chrome-Rich Spinels in the Tianba Flysch, Southern Tibet. **2004**, 112, 417-434	27
2168	Problem of Positioning Paleogene Eurasia: A Review; Efforts to Resolve the Issue; Implications for the India–Asia Collision. **2004**, 23-35	6
2167	Helium and argon isotope geochemistry of alkaline intrusion-associated gold and copper deposits along the Red River–Jinshajiang fault belt, SW China. **2004**, 203, 305-317	122
2166	Trace-element and Sr–Nd isotopic geochemistry of the PGE-bearing Xinjie layered intrusion in SW China. **2004**, 203, 237-252	64
2165	Detrital geochronology and geochemistry of Cretaceous–Early Miocene strata of Nepal: implications for timing and diachroneity of initial Himalayan orogenesis. **2004**, 227, 313-330	281
2164	Secular geochemical variations of the Lower Cretaceous siliciclastic rocks from central Tibet (China) indicate a tectonic transition from continental collision to back-arc rifting. **2004**, 229, 73-89	98
2163	About the lithospheric structure of central Tibet, based on seismic data from the INDEPTH III profile. **2004**, 380, 1-25	47
2162	Paleomagnetism of Miocene sediments from the Turfan Basin, Northwest China: no significant vertical-axis rotation during Neotectonic compression within the Tian Shan Range, Central Asia. **2004**, 384, 1-21	24
2161	Seismogenic structures along continental convergent zones: from oblique subduction to mature collision. **2004**, 385, 105-120	2
2160	Asthenosphere–lithosphere dynamic responses to Tethyan plate collisions (IGCP-430). **2004**, 393, 1-7	3
2159	Cenozoic rifting and volcanism in eastern China: a mantle dynamic link to the Indo–Asian collision?. **2004**, 393, 29-42	234
2158	Age, geochemistry and tectonic setting of Buqingshan ophiolites, North Qinghai-Tibet Plateau, China. **2004**, 23, 577-596	168
2157	Tectonic evolution of the western Kunlun orogenic belt, western China. **2004**, 24, 153-161	49
2156	Paleomagnetic analysis of eastern Tibet: implications for the collisional and amalgamation history of the Three Rivers Region, SW China. **2004**, 24, 291-310	76
2155	The Modi Taung–Nankwe gold district, Slate belt, central Myanmar: mesothermal veins in a Mesozoic orogen. **2004**, 23, 321-341	68

2154	Teleseismic imaging of subducting lithosphere and Moho offsets beneath western Tibet. **2004**, 221, 117-130	205
2153	Origin of adakitic intrusives generated during mid-Miocene east–west extension in southern Tibet. **2004**, 220, 139-155	651
2152	Miocene volcanism in the Lhasa block, Tibet: spatial trends and geodynamic implications. **2004**, 221, 227-243	97
2151	Structural pattern of eastern Himalayan syntaxis in Namjagbarwa and its formation process. **2004**, 47, 138	54
2150	Bainang Terrane, Yarlung–Tsangpo suture, southern Tibet (Xizang, China): a record of intra-Neotethyan subduction–accretion processes preserved on the roof of the world. **2004**, 161, 523-539	82
2149	The 2002 Denali Fault and 2001 Kunlun Fault Earthquakes: Complex Rupture Processes of Two Large Strike-Slip Events. **2004**, 94, S278-S292	33
2148	Carbonate oxygen isotope paleoaltimetry: evaluating the effect of diagenesis on paleoelevation estimates for the Tibetan plateau. **2004**, 212, 119-140	77
2147	Microstructural and deformational studies on mylonite in the detachment faults of Yalashangbo dome, North Himalayan domes zone*. **2005**, 15, 1005-1013	2
2146	Migrating pingos in the permafrost region of the Tibetan Plateau, China and their hazard along the Golmud–Lhasa railway. **2005**, 79, 267-287	27
2145	The upper mantle structure of the Tibetan Plateau and its implication for the continent-continent collision. **2005**, 48, 1158-1164	12
2144	Mineral chemistry, P-T-t paths and exhumation processes of mafic granulites in Dinggye, Southern Tibet. **2005**, 48, 1870-1881	15
2143	SHRIMP zircon U-Pb age and Nd isotopic study on the Nyainqntanglha Group in Tibet. **2005**, 48, 1377	62
2142	Crustal rheology of the Himalaya and Southern Tibet inferred from magnetotelluric data. **2005**, 438, 78-81	337
2141	Tibetan tectonic evolution inferred from spatial and temporal variations in post-collisional magmatism. **2005**, 68, 173-196	949
2140	The detrital record of orogenesis: A review of approaches and techniques used in the Himalayan sedimentary basins. **2005**, 74, 1-1	31
2139	Greater India. **2005**, 72, 169-188	143
2138	Structural evidence for the Permo-Triassic tectonic evolution of the Yidun Arc, eastern Tibetan Plateau. **2005**, 27, 119-137	162
2137	Geochemistry and petrogenesis of the Yishak Volcanic Sequence, Kudi ophiolite, West Kunlun (NW China): implications for the magmatic evolution in a subduction zone environment. **2005**, 150, 195-211	44

2136	CHINA AND MONGOLIA. **2005**, 345-358	10
2135	Structural evolution of the Yushu-Nangqian region and its relationship to syncollisional igneous activity, east-central Tibet. **2005**, 117, 1293	169
2134	Conjugate, cataclastic deformation bands in the Lower Devonian Muth Formation (Tethyan Zone, NW India): evidence for pre-Himalayan deformation structures. **2005**, 142, 765-781	15
2133	Geochemistry of the Early Paleozoic Baiyin Volcanic Rocks (NW China): Implications for the Tectonic Evolution of the North Qilian Orogenic Belt. **2005**, 113, 83-94	80
2132	40Ar/39Ar thermochronological evidence for formation and Mesozoic evolution of the northern-central segment of the Altyn Tagh fault system in the northern Tibetan Plateau. **2005**, 117, 1336	45
2131	Source of Oligocene to Pliocene sedimentary rocks in the Linxia basin in northeastern Tibet from Nd isotopes: Implications for tectonic forcing of climate. **2005**, 117, 1156	92
2130	Cretaceous-Tertiary shortening, basin development, and volcanism in central Tibet. **2005**, 117, 865	565
2129	Geochronological and geochemical study on the Yulong porphyry copper ore belt in eastern Tibet, China. **2005**, 1235-1237	1
2128	Cenozoic K-rich adakitic volcanic rocks in the Hohxil area, northern Tibet: Lower-crustal melting in an intracontinental setting. **2005**, 33, 465	323
2127	Metallogenesis in the Tibetan collisional orogenic Belt. **2005**, 1231-1233	0
2126	The Xiongcun Cu-Zn-Au deposit in the western segment of the Gangdese, Tibet: A Mesozoic VHMS-type deposit cut by late veins. **2005**, 1255-1258	1
2125	The early Palaeozoic Orogen in the Central Andes: a non-collisional orogen comparable to the Cenozoic high plateau?. **2005**, 246, 257-273	24
2124	Timing of Magma Mixing in the Gangdis¸ Magmatic Belt during the India-Asia Collision: Zircon SHRIMP U-Pb Dating. **2005**, 79, 66-76	119
2123	Geochronologic Constraints on the Magmatic Underplating of the Gangdis¸ Belt in the India-Eurasia Collision: Evidence of SHRIMP II Zircon U-Pb Dating. **2005**, 79, 787-794	40
2122	The Yarlung Zangbo Suture Zone ophiolitic mélange (southern Tibet): new insights from geochemistry of ultramafic rocks. **2005**, 25, 937-960	61
2121	Full Length Article. **2005**, 68, 173-196	502
2120	Copper and gold metallogeny in the Tethyan domain in China. **2005**, 1247-1250	
2119	Geochronology and geochemistry of deep-drill-core samples from the basement of the central Tarim basin. **2005**, 25, 45-56	144

2118	Tomographic evidence for wholesale underthrusting of India beneath the entire Tibetan plateau. **2005**, 25, 445-457	123
2117	Thermochronology of the Yidun Arc, central eastern Tibetan Plateau: constraints from 40Ar/39Ar K-feldspar and apatite fission track data. **2005**, 25, 915-935	47
2116	Petrological and geochemical evidence for the origin of the Yarlung Zangbo ophiolites, southern Tibet. **2005**, 214, 265-286	107
2115	Petrology and geochemistry of mafic rocks from mlange and flysch units adjacent to the Yarlung Zangbo Suture Zone, southern Tibet. **2005**, 214, 287-308	58
2114	A 25 m.y. isotopic record of paleodiet and environmental change from fossil mammals and paleosols from the NE margin of the Tibetan Plateau. **2005**, 236, 322-338	99
2113	Mantle structure from inter-station Rayleigh wave dispersion and its tectonic implication in western China and neighboring regions. **2005**, 148, 39-54	47
2112	Crustal structure of the India–Asia collision zone, southern Tibet, from INDEPTH MT investigations. **2005**, 150, 227-237	39
2111	Mesozoic cooling across the Yidun Arc, central-eastern Tibetan Plateau: A reconnaissance 40Ar/39Ar study. **2005**, 398, 45-66	54
2110	40Ar/39Ar mineral ages from basement rocks in the Eastern Kunlun Mountains, NW China, and their tectonic implications. **2005**, 398, 199-224	123
2109	Detrital zircon provenance evidence for large-scale extrusion along the Altyn Tagh fault. **2005**, 406, 165-178	64
2108	Paleomagnetic and geochronological constraints on the post-collisional northward convergence of the southwest Tian Shan, NW China. **2005**, 409, 107-124	48
2107	Age of Initiation of the India-Asia Collision in the East-Central Himalaya. **2005**, 113, 265-285	265
2106	Structure of the crust in the vicinity of the Banggong-Nujiang suture in central Tibet from INDEPTH magnetotelluric data. **2005**, 110,	33
2105	Structural geology and regional tectonic significance of the Ramgarh thrust, Himalayan fold-thrust belt of Nepal. **2005**, 24, n/a-n/a	122
2104	West-east variation in crustal thickness in northern Lhasa block, central Tibet, from deep seismic sounding data. **2005**, 110,	74
2103	Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. **2005**, 110,	132
2102	Contemporary crustal deformation around the southeast borderland of the Tibetan Plateau. **2005**, 110,	428
2101	High-resolution Rayleigh wave slowness tomography of central Asia. **2005**, 110,	16

2100	Transtensional deformation in the central Himalaya and its role in accommodating growth of the Himalayan orogen. **2005**, 24, n/a-n/a	91
2099	Paleocene–Eocene record of ophiolite obduction and initial India-Asia collision, south central Tibet. **2005**, 24, n/a-n/a	416
2098	Formation of the Jinchuan ultramafic intrusion and the world's third largest Ni-Cu sulfide deposit: Associated with the ~825 Ma south China mantle plume?. **2005**, 6, n/a-n/a	121
2097	Accretionary Tectonics of the Western Kunlun Orogen, China: A Paleozoic–Early Mesozoic, Long-Lived Active Continental Margin with Implications for the Growth of Southern Eurasia. **2005**, 113, 687-705	161
2096	Review of the Link between the Hongge Layered Intrusion and Emeishan Flood Basalts, Southwest China. **2005**, 47, 971-985	32
2095	Phylogeny, evolution, and biogeography of Asiatic Salamanders (Hynobiidae). **2006**, 103, 7360-5	115
2094	Peopling of the northern Tibetan Plateau. **2006**, 38, 387-414	83
2093	Channel flow, ductile extrusion and exhumation in continental collision zones: an introduction. **2006**, 268, 1-23	199
2092	Structural and Geochronological Evidence for Multiple Episodes of Tertiary Deformation along the Ailaoshan-Red River Shear Zone, Southeastern Asia, Since the Paleocene. **2006**, 80, 79-96	25
2091	50-Ma initiation of Hawaiian-Emperor bend records major change in Pacific plate motion. **2006**, 313, 1281-4	231
2090	Fe isotope variations in peridotite xenoliths from Hannuoba, North China Craton. **2006**, 70, A742	
2089	Late Cretaceous adakitic pluton from Rutong, northwestern Tibet. **2006**, 70, A742	
2088	Thermal and kinematic modeling of bedrock and detrital cooling ages in the central Himalaya. **2006**, 111,	19
2087	Doming in compressional orogenic settings: New geochronological constraints from the NW Himalaya. **2006**, 25, n/a-n/a	24
2086	Paleomagnetic and geochronological study of the Halaqiaola basalts, southern margin of the Altai Mountains, northern Xinjiang: Constraints on neotectonic convergent patterns north of Tibet. **2006**, 111,	10
2085	Current slip rates on conjugate strike-slip faults in central Tibet using synthetic aperture radar interferometry. **2006**, 111, n/a-n/a	69
2084	High-resolution mantle tomography of China and surrounding regions. **2006**, 111,	655
2083	Magnetostratigraphy of Cenozoic sediments from the Xining Basin: Tectonic implications for the northeastern Tibetan Plateau. **2006**, 111, n/a-n/a	114

2082	Cambrian stratigraphy and depositional history of the northern Indian Himalaya, Spiti Valley, north-central India. **2006**, 118, 491-510	79
2081	Zircon U-Pb and Hf isotope constraints on the Mesozoic tectonics and crustal evolution of southern Tibet. **2006**, 34, 745	433
2080	A low velocity belt beneath northern and eastern Tibetan Plateau from Pn tomography. **2006**, 33,	107
2079	Late Mesozoic and Cenozoic thermotectonic evolution along a transect from the north China craton through the Qinling orogen into the Yangtze craton, central China. **2006**, 25, n/a-n/a	76
2078	Eastward migration of the Qaidam basin and its implications for Cenozoic evolution of the Altyn Tagh fault and associated river systems. **2006**, 118, 349-365	139
2077	Paleomagnetic evidence for a mid-Miocene clockwise rotation of about 25° of the Guide Basin area in NE Tibet. **2006**, 241, 234-247	55
2076	Tertiary strike-slip faulting in southeastern Mongolia and implications for Asian tectonics. **2006**, 241, 323-335	75
2075	Crustal structure across the Altyn Tagh Range at the northern margin of the Tibetan Plateau and tectonic implications. **2006**, 241, 804-814	86
2074	Low-degree melting of a metasomatized lithospheric mantle for the origin of Cenozoic Yulong monzogranite-porphyry, east Tibet: Geochemical and Sr□Nd□Pb□Hf isotopic constraints. **2006**, 241, 617-633	182
2073	Cenozoic deformation history of the Qaidam Basin, NW China: Results from cross-section restoration and implications for Qinghai□Tibet Plateau tectonics. **2006**, 243, 195-210	148
2072	The Himalayan collision zone carbonatites in western Sichuan, SW China: Petrogenesis, mantle source and tectonic implication. **2006**, 244, 234-250	130
2071	Eclogites from central Qiangtang, northern Tibet (China) and tectonic implications. **2006**, 245, 722-729	146
2070	Beyond methane: Towards a theory for the Paleocene□Eocene Thermal Maximum. **2006**, 245, 523-537	227
2069	Subduction-related origin of the 750 Ma Xuelongbao adakitic complex (Sichuan Province, China): Implications for the tectonic setting of the giant Neoproterozoic magmatic event in South China. **2006**, 248, 286-300	271
2068	Geochemistry of sedimentary rocks from mélange and flysch units south of the Yarlung Zangbo suture zone, southern Tibet. **2006**, 26, 489-508	32
2067	The Eastern Himalayan syntaxis: major tectonic domains, ophiolitic mélanges and geologic evolution. **2006**, 27, 265-285	96
2066	Brittle modification of Triassic architecture in eastern Tibet: implications for the construction of the Cenozoic plateau. **2006**, 27, 341-357	43
2065	The Chako antiform: A folded segment of the Greater Himalayan sequence, Nar valley, Central Nepal Himalaya. **2006**, 27, 717-734	22

2064	The Yanbian Terrane (Southern Sichuan Province, SW China): A Neoproterozoic arc assemblage in the western margin of the Yangtze Block. **2006**, 144, 19-38	358
2063	Crustal structure of the northeastern margin of the Tibetan plateau from the Songpan-Ganzi terrane to the Ordos basin. **2006**, 420, 253-266	135
2062	The Poisson Ratio and Crustal Structure of the Central Tibetan Plateau Inferred from Indepth-III Teleseismic Waveforms: Geological and Geophysical Implications. **2006**, 49, 924-931	10
2061	Conductivity Structure of Crust and Upper Mantle Beneath the Northern Tibetan Plateau: Results of Super-Wide Band Magnetotelluric Sounding. **2006**, 49, 1098-1110	14
2060	Influence of mantle dynamics on the topographic evolution of the Tibetan Plateau: Results from numerical modeling. **2006**, 25, n/a-n/a	41
2059	Geology, Ar-Ar Age and Mineral Assemblage of Eocene Skarn Cu-Au–Mo Deposits in the Southeastern Gangdese Arc, Southern Tibet: Implications for Deep Exploration. **2006**, 56, 315-336	25
2058	Miocene to Recent exhumation of the central Himalaya determined from combined detrital zircon fission-track and U/Pb analysis of Siwalik sediments, western Nepal. **2006**, 18, 393-412	123
2057	Late Miocene Recent exhumation of the central Himalaya and recycling in the foreland basin assessed by apatite fission-track thermochronology of Siwalik sediments, Nepal. **2006**, 18, 413-434	96
2056	Uniform Permian 40Ar/39Ar detrital mica ages in the eastern Qaidam Basin (NW China): where is the source?. **2006**, 18, 79-87	34
2055	The attenuation mechanism of seismic waves in northwestern Himalayas. **2006**, 167, 354-360	41
2054	Geochronology and tectonic significance of Middle Proterozoic granitic orthogneiss, North Qaidam HP/UHP terrane, Western China. **2006**, 88, 227-241	46
2053	Zircon Ce4+/Ce3+ ratios and ages for Yulong ore-bearing porphyries in eastern Tibet. **2006**, 41, 152-159	214
2052	Crustal structure beneath Qiangtang and Lhasa terrane from receiver function. **2006**, 19, 633-642	8
2051	Cenozoic tectonic evolution of the Himalayan orogen as constrained by along-strike variation of structural geometry, exhumation history, and foreland sedimentation. **2006**, 76, 1-131	1046
2050	Application of trishear fault-propagation folding to active reverse faults: examples from the Dalong Fault, Gansu Province, NW China. **2006**, 28, 200-219	41
2049	Geometry, kinematics, and landscape characteristics of an active transtension zone, Karakoram fault system, Southwest Tibet. **2006**, 28, 268-283	33
2048	The blueschist-bearing Qiangtang metamorphic belt (northern Tibet, China) as an in situ suture zone: Evidence from geochemical comparison with the Jinsa suture. **2006**, 34, 493	132
2047	40Ar/39Ar ages of detrital white mica constrain the Cenozoic development of the intracontinental Qaidam Basin, China. **2006**, 118, 1522-1534	60

2046	Petrology and geochemistry of postcollisional volcanic rocks from the Tibetan plateau: Implications for lithosphere heterogeneity and collision-induced asthenospheric mantle flow. **2006**,	25
2045	Rapid early Miocene exhumation of the Ladakh batholith, western Himalaya. **2006**, 34, 1049	41
2044	Ancient diets indicate significant uplift of southern Tibet after ca. 7 Ma. **2006**, 34, 309	92
2043	Structural evolution and vorticity of flow during extrusion and exhumation of the Greater Himalayan Slab, Mount Everest Massif, Tibet/Nepal: implications for orogen-scale flow partitioning. **2006**, 268, 379-413	62
2042	Dome formation and extension in the Tethyan Himalaya, Leo Pargil, northwest India. **2006**, 118, 635-650	93
2041	Tectonic evolution of the Himalayan thrust belt in western Nepal: Implications for channel flow models. **2006**, 118, 865-885	226
2040	Exhumation of Greater Himalayan rock along the Main Central Thrust in Nepal: implications for channel flow. **2006**, 268, 255-267	20
2039	Did the Himalayan Crystallines extrude partially molten from beneath the Tibetan Plateau?. **2006**, 268, 237-254	17
2038	Europe from the Variscan to the Alpine cycles. **2006**, 32, 57-82	79
2037	Tibetan basement rocks near Amdo reveal ‘missing’ Mesozoic tectonism along the Bangong suture, central Tibet. **2006**, 34, 505	315
2036	Post-collisional, Potassic and Ultrapotassic Magmatism of the Northern Tibetan Plateau: Constraints on Characteristics of the Mantle Source, Geodynamic Setting and Uplift Mechanisms. **2006**, 47, 1177-1220	212
2035	Zircon Hf isotopic constraints on the sources of the Indus Molasse, Ladakh Himalaya, India. **2007**, 26, n/a-n/a	73
2034	High- and Ultrahigh-Pressure Metamorphism in the North Qaidam and South Altyn Terranes, Western China. **2007**, 49, 969-995	83
2033	Early Paleozoic Tectonic and Thermomechanical Evolution of Ultrahigh-Pressure (UHP) Metamorphic Rocks in the Northern Tibetan Plateau, Northwest China. **2007**, 49, 681-716	151
2032	The Takena Formation of the Lhasa terrane, southern Tibet: The record of a Late Cretaceous retroarc foreland basin. **2007**, 119, 31-48	103
2031	Cenozoic tectonic evolution of Qaidam basin and its surrounding regions (part 2): Wedge tectonics in southern Qaidam basin and the Eastern Kunlun Range. **2007**, 369-390	53
2030	Late Paleozoic tectonic history of the Ertix Fault in the Chinese Altai and its implications for the development of the Central Asian Orogenic System. **2007**, 119, 944-960	157
2029	Early Orogenic History of the Eastern Himalayas: Compositional Studies of Paleogene Sandstones from Assam, Northeast India. **2007**, 49, 798-810	13

2028	Geological records of the Lhasa-Qiangtang and Indo-Asian collisions in the Nima area of central Tibet. **2007**, 119, 917-933	642
2027	Late Cretaceous to middle Tertiary basin evolution in the central Tibetan Plateau: Changing environments in response to tectonic partitioning, aridification, and regional elevation gain. **2007**, 119, 654-680	181
2026	Neoproterozoic Adakitic Plutons and Arc Magmatism along the Western Margin of the Yangtze Block, South China. **2007**, 115, 675-689	103
2025	Geochronologic constraints across the Main Central Thrust shear zone, Bhagirathi River (NW India): Implications for Himalayan tectonics. **2007**,	12
2024	Simulation of the Effect of Faults Movement on Stress and Deformation Fields of Tibetan Plateau by Discontinuous Movement Models. **2007**, 50, 1199-1212	3
2023	Shear Wave Velocity Structure of the Crust and Upper Mantle in Western China and Its Adjacent Area. **2007**, 50, 192-209	5
2022	Middle to late Cenozoic basin evolution in the western Alborz Mountains: Implications for the onset of collisional deformation in northern Iran. **2007**, 26, n/a-n/a	55
2021	How was the Triassic Songpan-Ganzi basin filled? A provenance study. **2007**, 26, n/a-n/a	115
2020	Shear Wave Splitting in Himalaya. **2007**, 50, 1245-1255	2
2019	Loess sedimentation in Tibet: provenance, processes, and link with Quaternary glaciations. **2007**, 26, 2265-2280	119
2018	Cretaceous□Tertiary geology of the Gangdese Arc in the Linzhou area, southern Tibet. **2007**, 433, 15-37	148
2017	Analytic models for orogenic collapse. **2007**, 435, 1-12	21
2016	Geochemistry of Neoproterozoic mafic intrusions in the Panzhihua district (Sichuan Province, SW China): Implications for subduction-related metasomatism in the upper mantle. **2007**, 152, 27-47	421
2015	High and dry in central Tibet during the Late Oligocene. **2007**, 253, 389-401	243
2014	Postcollisional calc-alkaline lavas and xenoliths from the southern Qiangtang terrane, central Tibet. **2007**, 254, 28-38	132
2013	Nd isotopes of siliciclastic rocks from Tibet, western China: Constraints on provenance and pre-Cenozoic tectonic evolution. **2007**, 256, 604-616	119
2012	Impacts of tectonic changes on the reorganization of the Cenozoic paleoclimatic patterns in China. **2007**, 257, 622-634	66
2011	Shortening of analogue models with contractive substrata: Insights into the origin of purely landward-vergent thrusting wedge along the Cascadia subduction zone and the deformation evolution of Himalayan□Tibetan orogen. **2007**, 260, 313-327	11

2010	Spatial gap between Lhasa and Qiangtang blocks inferred from Middle Jurassic to Cretaceous paleomagnetic data. **2007**, 262, 581-593	50
2009	Major ion chemistry of the Yarlung TsangpoBrahmaputra river: Chemical weathering, erosion, and CO2 consumption in the southern Tibetan plateau and eastern syntaxis of the Himalaya. **2007**, 71, 2907-2935	131
2008	Meso-Cenozoic tectonothermal evolution of Ordos basin, central China: Insights from newly acquired vitrinite reflectance data and a revision of existing paleothermal indicator data. **2007**, 44, 33-46	56
2007	Cooling history and tectonic exhumation stages of the south-central Tibetan Plateau (China): Constrained by 40Ar/39Ar and apatite fission track thermochronology. **2007**, 29, 266-282	36
2006	Distant effects of IndiaEurasia convergence and Mesozoic intracontinental deformation in Central Asia: Constraints from apatite fission-track thermochronology. **2007**, 29, 188-204	217
2005	Displacement and timing of left-lateral faulting in the Kunlun Fault Zone, northern Tibet, inferred from geologic and geomorphic features. **2007**, 29, 253-265	109
2004	Structure and geochronology of the southern Xainza-Dinggye rift and its relationship to the south Tibetan detachment system. **2007**, 29, 722-736	58
2003	Spatial and temporal distribution of peraluminous granites in Tibet and their tectonic significance. **2007**, 29, 378-389	21
2002	Temperature and age constraints on the metamorphism of the Tethyan Himalaya in Central Nepal: A multidisciplinary approach. **2007**, 30, 113-130	47
2001	Evolution of the Himalayan Paleogene foreland basin, influence of its litho-packet on the formation of thrust-related domes and windows in the Eastern Himalayas A review. **2007**, 31, 1-17	62
2000	Paleostrain stratigraphic analysis of calcite twins across the CambrianOrdovician unconformity in the Tethyan Himalaya, Spiti and Zanskar valley regions, India. **2007**, 31, 44-54	11
1999	Miocene Tectonic Evolution from Dextral-Slip Thrusting to Extension in the NyainqEntanglha Region of the Tibetan Plateau. **2007**, 81, 365-384	8
1998	From orogenic hinterlands to Mediterranean-style back-arc basins: a comparative analysis. **2007**, 164, 297-311	46
1997	Tectonic evolution of the North China Block: from orogen to craton to orogen. **2007**, 280, 1-34	170
1996	Slip rate gradients along the eastern Kunlun fault. **2007**, 26, n/a-n/a	200
1995	Cenozoic evolution of the eastern Pamir: Implications for strain-accommodation mechanisms at the western end of the Himalayan-Tibetan orogen. **2007**, 119, 882-896	156
1994	Microplate model for the present-day deformation of Tibet. **2007**, 112,	180
1993	Cretaceous-Tertiary structural evolution of the north central Lhasa terrane, Tibet. **2007**, 26, n/a-n/a	103

1992	Upper mantle seismic velocities and anisotropy in China determined through Pn and Sn tomography. **2007**, 112,	97
1991	Small 660-km seismic discontinuity beneath Tibet implies resting ground for detached lithosphere. **2007**, 112,	37
1990	When and where did India and Asia collide?. **2007**, 112,	538
1989	40Ar/39Ar Dating of Detrital White Mica as a Complementary Tool for Provenance Analysis: A Case Study from the Cenozoic Qaidam Basin (China). 301-325	
1988	Erosion in northwest Tibet from in-situ-produced cosmogenic 10Be and 26Al in bedrock. **2007**, 32, 116-125	22
1987	Large-scale deformation in the India-Asia collision constrained by earthquakes and topography. **2007**, 19, 105-119	18
1986	Detrital zircon geochronology of Carboniferous□retaceous strata in the Lhasa terrane, Southern Tibet. **2007**, 19, 361-378	180
1985	Mesozoic plutons of the Yidun Arc, SW China: U/Pb geochronology and Hf isotopic signature. **2007**, 31, 88-106	187
1984	Sanjiang Tethyan metallogenesis in S.W. China: Tectonic setting, metallogenic epochs and deposit types. **2007**, 31, 48-87	232
1983	Characteristics and genesis of Gangdese porphyry copper deposits in the southern Tibetan Plateau: Preliminary geochemical and geochronological results. **2007**, 31, 205-223	99
1982	Post-collisional adakites in south Tibet: Products of partial melting of subduction-modified lower crust. **2007**, 96, 205-224	281
1981	Mantle contributions to crustal thickening during continental collision: Evidence from Cenozoic igneous rocks in southern Tibet. **2007**, 96, 225-242	444
1980	Lapse time and frequency-dependent attenuation characteristics of coda waves in the Northwestern Himalayas. **2007**, 11, 149-158	39
1979	The petrochemistry characteristics and petrogenesis of peraluminous granite in Tibet. **2007**, 1, 194-205	1
1978	Geochemical and Pb-Sr-Nd isotopic compositions of Indosinian granitoids from the Bikou block, northwest of the Yangtze plate: Constraints on petrogenesis, nature of deep crust and geodynamics. **2007**, 50, 972-983	37
1977	The fragment of Paleo-Tethys ophiolite from central Qiangtang, Tibet: Geochemical evidence of metabasites in Guoganjianian. **2007**, 50, 1302-1309	47
1976	Constraining the stepwise migration of the eastern Tibetan Plateau margin by apatite fission track thermochronology. **2007**, 50, 172-183	52
1975	Tectonic evolution of the Western Kunlun orogenic belt in northern Qinghai-Tibet Plateau: Evidence from zircon SHRIMP and LA-ICP-MS U-Pb geochronology. **2007**, 50, 825-835	78

1974	EMP chemical ages of monazites from Central Zone of the eastern Kunlun Orogen: Records of multi-tectonometamorphic events. **2007**, 52, 2252-2263	52
1973	Early Paleozoic granite in Nujiang River of northwest Yunnan in southwestern China and its tectonic implications. **2007**, 52, 2402-2406	52
1972	Characteristics of Early Eocene radiolarian assemblages of the Saga area, southern Tibet and their constraint on the closure history of the Tethys. **2007**, 52, 2108-2114	22
1971	Geochronologic constraints on magmatic intrusions and mineralization of the Zhunuo porphyry copper deposit in Gangdese, Tibet. **2007**, 52, 3139-3147	33
1970	India-Eurasian collision vs. ocean-continent collision. **2007**, 20, 1-10	3
1969	Fission track dates of Mandi granite and adjacent tectonic units in KuluBeas valley, NW Himalaya, India. **2008**, 43, S343-S347	4
1968	Phylogeography of a widespread terrestrial vertebrate in a barely-studied Palearctic region: green toads (Bufo viridis subgroup) indicate glacial refugia in Eastern Central Asia. **2008**, 134, 353-65	26
1967	The uplifting process of the Bogda Mountain during the Cenozoic and its tectonic implication. **2008**, 51, 579-593	31
1966	U-Pb dating of zircon from the Central Zone of the East Kunlun Orogen and its implications for tectonic evolution. **2008**, 51, 929-938	41
1965	Nd isotopic compositions of the Tethyan Himalayan Sequence in southeastern Tibet. **2008**, 51, 1306-1316	45
1964	Fission track dating of the Cenozoic uplift in Mabian area, southern Sichuan Province, China. **2008**, 51, 1238-1247	12
1963	The Pengguan tectonic dome of Longmen Mountains, Sichuan Province: Mesozoic denudation of a Neoproterozoic magmatic arc-basin system. **2008**, 51, 1545-1559	26
1962	Magnetostratigraphy of the Zanda basin in southwest Tibet Plateau and its tectonic implications. **2008**, 53, 1393-1400	26
1961	Triassic Nb-enriched basalts, magnesian andesites, and adakites of the Qiangtang terrane (Central Tibet): evidence for metasomatism by slab-derived melts in the mantle wedge. **2008**, 155, 473-490	154
1960	Variation of intrinsic and scattering attenuation with depth in NW Himalayas. **2008**, 172, 1055-1065	20
1959	Seismic amplitude tomography for crustal attenuation beneath China. **2008**, 174, 223-234	19
1958	First report of eclogites from central Tibet, China: evidence for ultradeep continental subduction prior to the Cenozoic India-Asian collision. **2008**, 20, 302-308	35
1957	Gondwana to Asia: Plate tectonics, paleogeography and the biological connectivity of the Indian sub-continent from the Middle Jurassic through latest Eocene (166□35 Ma). **2008**, 88, 145-166	374

1956	Structures, kinematics, thermochronology and tectonic evolution of the Ramba gneiss dome in the northern Himalaya. **2008**, 18, 851-860	21
1955	A-type granite and adakitic magmatism association in Songpan-Garze fold belt, eastern Tibetan Plateau: Implication for lithospheric delamination: Comment. **2008**, 103, 562-564	20
1954	Late Cretaceous Gangdese intrusions of adakitic geochemical characteristics, SE Tibet: Petrogenesis and tectonic implications. **2008**, 105, 1-11	217
1953	Abundances and significance of platinum group elements in carbonatites from China. **2008**, 105, 201-207	12
1952	Comparison of the Daluxiang and Maoniuping carbonatitic REE deposits with Bayan Obo REE deposit, China. **2008**, 106, 12-24	68
1951	Cenozoic high Sr/Y volcanic rocks in the Qiangtang terrane, northern Tibet: geochemical and isotopic evidence for the origin of delaminated lower continental melts. **2008**, 145, 463-474	38
1950	Vast early Miocene lakes of the central Tibetan Plateau. **2008**, 120, 1326-1337	59
1949	SHRIMP Zircon Age and Geochemical Constraints on the Origin of Lower Jurassic Volcanic Rocks from the Yeba Formation, Southern Gangdese, South Tibet. **2008**, 50, 442-471	272
1948	Earthquake distribution in southern Tibet and its tectonic implications. **2008**, 113,	26
1947	New U-Th/Pb constraints on timing of shearing and long-term slip-rate on the Karakorum fault. **2008**, 27, n/a-n/a	85
1946	Channel profiles around Himalayan river anticlines: Constraints on their formation from digital elevation model analysis. **2008**, 27, n/a-n/a	24
1945	Seismology Across the Northeastern Edge of the Tibetan Plateau. **2008**, 89, 487-487	12
1944	Tectonic Evolution of Metasediments from the Gangdise Terrane, Asian Plate, Eastern Himalayan Syntaxis, Tibet. **2008**, 50, 914-930	27
1943	Post-collisional Plio-Pleistocene shoshonitic volcanism in the western Kunlun Mountains, NW China: Geochemical constraints on mantle source characteristics and petrogenesis. **2008**, 31, 379-403	40
1942	Geochemistry and geochronology of the amphibolite blocks in ophiolitic mélanges along Bangong-Nujiang suture, central Tibet. **2008**, 33, 122-138	93
1941	The Bangong Lake ophiolite (NW Tibet) and its bearing on the tectonic evolution of the Bangong–Nujiang suture zone. **2008**, 32, 438-457	119
1940	Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. **2008**, 33, 323-336	54
1939	Structural and geochronological constraints on the tectono-thermal evolution of the Danba domal terrane, eastern margin of the Tibetan plateau. **2008**, 33, 414-427	45

1938	Palynological indications of environmental changes during the Late Cretaceous–Eocene on the southern continental margin of Laurasia, Xizang (Tibet). **2008**, 265, 78-86	15
1937	The crust and upper mantle structure beneath Yunnan from joint inversion of receiver functions and Rayleigh wave dispersion data. **2008**, 170, 134-146	55
1936	Zircon Lu–Hf isotopic constraints on Neoproterozoic subduction-related crustal growth along the western margin of the Yangtze Block, South China. **2008**, 163, 189-209	89
1935	Structural and geochronologic data from the Shin Jinst area, eastern Gobi Altai, Mongolia: Implications for Phanerozoic intracontinental deformation in Asia. **2008**, 451, 312-330	38
1934	Lithosphere structure underneath the Tibetan Plateau inferred from elevation, gravity and geoid anomalies. **2008**, 267, 276-289	144
1933	Discordant contrasts of P- and S-wave speeds across the 660-km discontinuity beneath Tibet: A case for hydrous remnant of sub-continental lithosphere. **2008**, 268, 450-462	17
1932	Crust and mantle beneath western Himalaya, Ladakh and western Tibet from integrated seismic data. **2008**, 271, 75-87	59
1931	Paleomagnetism of the Yuanmou Basin near the southeastern margin of the Tibetan Plateau and its constraints on late Neogene sedimentation and tectonic rotation. **2008**, 272, 97-104	51
1930	Eocene melting of subducting continental crust and early uplifting of central Tibet: Evidence from central-western Qiangtang high-K calc-alkaline andesites, dacites and rhyolites. **2008**, 272, 158-171	248
1929	Evidence for Early (> 44 Ma) Himalayan Crustal Thickening, Tethyan Himalaya, southeastern Tibet. **2008**, 274, 14-23	250
1928	Subduction of the Indian lithosphere beneath the Tibetan Plateau and Burma. **2008**, 274, 157-168	445
1927	Viscous heating allows thrusting to overcome crustal-scale buckling: Numerical investigation with application to the Himalayan syntaxes. **2008**, 274, 189-203	74
1926	Contribution of syncollisional felsic magmatism to continental crust growth: A case study of the Paleogene Linzizong volcanic Succession in southern Tibet. **2008**, 250, 49-67	468
1925	Zircon SHRIMP U–Pb ages of the Gangdese Batholith and implications for Neotethyan subduction in southern Tibet. **2008**, 252, 191-201	365
1924	Eocene break-off of the Neo-Tethyan slab as inferred from intraplate-type mafic dykes in the Gaoligong orogenic belt, eastern Tibet. **2008**, 255, 439-453	113
1923	Upper Jurassic–Lower Cretaceous stratigraphy in south-eastern Tibet: a comparison with the western Himalayas. **2008**, 29, 301-315	60
1922	Groundwater in the Tibet Plateau, western China. **2008**, 35,	35
1921	Shear wave splitting in the southern margin of the Ordos Block, north China. **2008**, 35,	52

1920	Earthquakes induced by water injection at ~3 km depth within the Rongchang gas field, Chongqing, China. **2008**, 113,	69
1919	Finite frequency tomography in southeastern Tibet: Evidence for the causal relationship between mantle lithosphere delamination and the north–south trending rifts. **2008**, 113,	58
1918	Quaternary glaciation of the Himalayan–Tibetan orogen. **2008**, 23, 513-531	181
1917	U-Pb Ages of Zircons in Western Qinling Shan, China, and Their Tectonic Implications. **2008**, 15, 88-107	14
1916	Collapse of Songpan-Garze Orogenic Belt Resulted from Mesozoic Middle-crustal Ductile Channel Flow: Evidences from Deformation and Metamorphism Within Sinian-Paleozoic Strata in Hinterland of Longmenshan Foreland Thrust Belt. **2008**, 15, 186-198	23
1915	Cenozoic tectonic evolution of the Qaidam basin and its surrounding regions (Part 3): Structural geology, sedimentation, and regional tectonic reconstruction. **2008**, 120, 847-876	361
1914	Forward modeling the kinematic sequence of the central Himalayan thrust belt, western Nepal. **2008**, 4, 785	46
1913	Late Cenozoic deformation along the northwestern continuation of the Xianshuihe fault system, Eastern Tibetan Plateau. **2008**, 120, 312-327	33
1912	Cenozoic kinematic history of the Kohistan fault in the Pakistan Himalaya. **2008**, 120, 1428-1440	25
1911	Geochronology and geochemistry of the c. 80 Ma Rutog granitic pluton, northwestern Tibet: implications for the tectonic evolution of the Lhasa Terrane. **2008**, 145, 845-857	39
1910	Cenozoic tectonic evolution of Qaidam basin and its surrounding regions (Part 1): The southern Qilian Shan-Nan Shan thrust belt and northern Qaidam basin. **2008**, 120, 813-846	312
1909	Study on Crustal Composition and Geodynamics Using Seismic Velocities in the Northeastern Margin of the Tibetan Plateau. **2008**, 51, 275-297	5
1908	Geochronology and Geochemistry of the Kuwei Mafic Intrusion, Southern Margin of the Altai Mountains, Northern Xinjiang, Northwest China: Evidence for Distant Effects of the Indo-Eurasia Collision. **2008**, 116, 119-133	4
1907	Non-Andersonian conjugate strike-slip faults: Observations, theory, and tectonic implications. **2008**, 2, 012026	2
1906	Eos, Transactions, American Geophysical Union Volume 89, Number 48, 25 November 2008. **2008**, 89, n/a-n/a	
1905	Midcrustal low-velocity layer beneath the central Himalaya and southern Tibet revealed by ambient noise array tomography. **2009**, 10, n/a-n/a	45
1904	Radiolarian age constraints on Mesotethyan ocean evolution, and their implications for development of the Bangong–Nujiang suture, Tibet. **2009**, 166, 689-694	112
1903	Active structures of the Himalayan-Tibetan orogen and their relationships to earthquake distribution, contemporary strain field, and Cenozoic volcanism. **2009**, 5, 199-214	297

1902	The Tethyan Himalaya: palaeogeographical and tectonic constraints from Ordovician palaeomagnetic data. **2009**, 166, 679-687	42
1901	Detrital-zircon fission-track ages from the Lower Cenozoic sediments, NW Himalayan foreland basin: Clues for exhumation and denudation of the Himalaya during the India-Asia collision. **2009**, 121, 519-535	48
1900	The Kumaun and Garwhal Lesser Himalaya, India: Part 1. Structure and stratigraphy. **2009**, 121, 1262-1280	147
1899	Cenozoic unroofing history of the Ladakh Batholith, western Himalaya, constrained by thermochronology and numerical modelling. **2009**, 166, 667-678	26
1898	The Miocene Gangdese porphyry copper belt generated during post-collisional extension in the Tibetan Orogen. **2009**, 36, 25-51	271
1897	Continuous carbonatitic melt–fluid evolution of a REE mineralization system: Evidence from inclusions in the Maoniuping REE Deposit, Western Sichuan, China. **2009**, 36, 90-105	79
1896	Thrust-controlled, sediment-hosted, Himalayan Zn–Pb–Cu–Ag deposits in the Lanping foreland fold belt, eastern margin of Tibetan Plateau. **2009**, 36, 106-132	52
1895	The Himalayan Mianning–Dechang REE belt associated with carbonatite–alkaline complexes, eastern Indo-Asian collision zone, SW China. **2009**, 36, 65-89	69
1894	Geology of the post-collisional porphyry copper–molybdenum deposit at Qulong, Tibet. **2009**, 36, 133-159	166
1893	Post-collisional Sb and Au mineralization related to the South Tibetan detachment system, Himalayan orogen. **2009**, 36, 194-212	48
1892	Mayum: an orogenic gold deposit in Tibet, China. **2009**, 36, 160-173	39
1891	A large-scale copper ore-forming event accompanying rapid uplift of the southern Tibetan Plateau: Evidence from zircon SHRIMP U–Pb dating and LA ICP-MS analysis. **2009**, 36, 52-64	20
1890	Xiongcun, Tibet: A telescoped system of veinlet-disseminated Cu (Au) mineralization and late vein-style Au (Ag)-polymetallic mineralization in a continental collision zone. **2009**, 36, 174-193	21
1889	Metallogenesis of the Tibetan collisional orogen: A review and introduction to the special issue. **2009**, 36, 2-24	207
1888	Geology, age, and fluid inclusions of the Tanjianshan gold deposit, western China: Two orogenies and two gold mineralizing events. **2009**, 36, 250-263	14
1887	Post-collisional ultrapotassic volcanism in the Tangra Yumco-Xuruco graben, south Tibet: Constraints from geochemistry and Sr–Nd–Pb isotope. **2009**, 110, 129-139	19
1886	Zircon U–Pb and Hf isotopic constraints on petrogenesis of the Cretaceous–Tertiary granites in eastern Karakoram and Ladakh, India. **2009**, 110, 153-166	104
1885	Petrogenetic modeling of three mafic–ultramafic layered intrusions in the Emeishan large igneous province, SW China, based on isotopic and bulk chemical constraints. **2009**, 113, 369-392	130

1884	Middle and Late Triassic radiolarians from northern Tibet: Implications for the Bayan Har Basin evolution. **2009**, 42, 581-601	8
1883	Apatite fission track thermochronology of the Precambrian Aksu blueschist, NW China: Implications for thermotectonic evolution of the north Tarim basement. **2009**, 16, 182-188	53
1882	Geomorphometric features and tectonic activities in sub-Himalayan thrust belt, Pakistan, from satellite data. **2009**, 35, 2011-2019	8
1881	Crystallisation conditions (T, P, fO2) from mineral chemistry of Cu- and Au-mineralised alkaline intrusions in the Red River–Jinshajiang alkaline igneous belt, western Yunnan Province, China. **2009**, 96, 43-58	34
1880	Garnet-bearing tonalitic porphyry from East Kunlun, Northeast Tibetan Plateau: implications for adakite and magmas from the MASH Zone. **2009**, 98, 1489-1510	50
1879	End-Permian to mid-Triassic termination of the accretionary processes of the southern Altaids: implications for the geodynamic evolution, Phanerozoic continental growth, and metallogeny of Central Asia. **2009**, 98, 1189-1217	681
1878	Structure and deformation around the Gyirong basin, north Himalaya, and onset of the south Tibetan detachment system. **2009**, 52, 1046-1058	28
1877	Geochronology and petrogenesis of granitic rocks in Gangdese batholith, southern Tibet. **2009**, 52, 1240-1261	111
1876	Early Oligocene anatexis in the Yardoi gneiss dome, southern Tibet and geological implications. **2009**, 54, 104-112	66
1875	Eclogites in the interior of the Tibetan Plateau and their geodynamic implications. **2009**, 54, 2556-2567	55
1874	The thickness and structural characteristics of the crust across Tibetan plateau from active-sources seismic profiles. **2009**, 22, 21-31	9
1873	Characteristics of the crustal and mantle structures across Lhasa terrane. **2009**, 22, 431-434	3
1872	High-pressure eclogite-blueschist metamorphic belt and closure of paleo-Tethys Ocean in Central Qiangtang, Qinghai-Tibet plateau. **2009**, 20, 209-218	42
1871	Post-orogenic granites in Pingwu region, Northwest Sichuan: Evidence for North China block and Yangtze block collision during Triassic. **2009**, 20, 250-273	2
1870	Records of Indosinian orogenesis in Lhasa terrane, Tibet. **2009**, 20, 348-363	28
1869	Late Oligocene-Early Miocene thrusting in southern East Kunlun Mountains, northern Tibetan plateau. **2009**, 20, 381-390	14
1868	Test of deep seismic reflection profiling across central uplift of Qiangtang terrane in Tibetan plateau. **2009**, 20, 438-447	10
1867	Shallow seismic structure of Kunlun fault zone in northern Tibetan Plateau, China: implications for the 2001Ms8.1 Kunlun earthquake. **2009**, 177, 978-1000	10

1866	Uplift of the Longmen Shan and Tibetan plateau, and the 2008 Wenchuan (M = 7.9) earthquake. **2009**, 458, 194-7		392
1865	Eocene Tibetan plateau remnants preserved in the northwest Himalaya. **2009**, 2, 364-368		89
1864	Provenance and thermal history of the Bayan Har Group in the western-central Songpan Ganzi Bayan Har terrane: Implications for tectonic evolution of the northern Tibetan Plateau. **2009**, 18, 444-466		6
1863	Apatite fission track constraints on the Neogene tectono-thermal history of Nimu area, southern Gangdese terrane, Tibet Plateau. **2009**, 18, 488-495		21
1862	Sedimentology, sedimentary petrology, and paleoecology of the monsoon-driven, fluvio-lacustrine Zhada Basin, SW-Tibet. **2009**, 222, 27-41		27
1861	The Hadean Crust: Evidence from >4 Ga Zircons. *Annual Review of Earth and Planetary Sciences*, **2009**, 37, 479-505	15.3	262
1860	Apatite Composition: Tracing Petrogenetic Processes in Transhimalayan Granitoids. **2009**, 50, 1829-1855		168
1859	Multi-method chronometry of the Teletskoye graben and its basement, Siberian Altai Mountains: new insights on its thermo-tectonic evolution. **2009**, 324, 237-259		24
1858	Geologic offsets across the northern Karakorum fault: Implications for its role and terrane correlations in the western Himalayan-Tibetan orogen. **2009**, 279, 123-130		98
1857	Gangdese arc detritus within the eastern Himalayan Neogene foreland basin: Implications for the Neogene evolution of the Yalu Brahmaputra River system. **2009**, 285, 150-162		82
1856	Seismic evidence for a Moho offset and south-directed thrust at the easternmost Qaidam Kunlun boundary in the Northeast Tibetan plateau. **2009**, 288, 329-334		62
1855	Zircon U Pb geochronology and Hf isotopic constraints on petrogenesis of the Gangdese batholith, southern Tibet. **2009**, 262, 229-245		634
1854	Geochemical investigation of Early Cretaceous igneous rocks along an east west traverse throughout the central Lhasa Terrane, Tibet. **2009**, 268, 298-312		317
1853	Episodic crustal growth of North China as revealed by U Pb age and Hf isotopes of detrital zircons from modern rivers. **2009**, 73, 2660-2673		150
1852	Composition and tectonic evolution of the Chinese continental crust constrained by Poisson's ratio. **2009**, 463, 15-30		83
1851	Crustal thickening and lateral extrusion during the Indo-Asian collision: A 3D viscous flow model. **2009**, 465, 128-135		52
1850	A new model for the Indochina and South China collision during the Late Permian to the Middle Triassic. **2009**, 467, 35-43		179
1849	Partial melt in the upper-middle crust of the northwest Himalaya revealed by Rayleigh wave dispersion. **2009**, 477, 58-65		87

1848	Zircon U–Pb dating and in-situ Hf isotopic analysis of Permian peraluminous granite in the Lhasa terrane, southern Tibet: Implications for Permian collisional orogeny and paleogeography. **2009**, 469, 48-60	115
1847	Eocene Neotethyan slab breakoff in southern Tibet inferred from the Linzizong volcanic record. **2009**, 477, 20-35	269
1846	Zircon U–Pb and Hf isotopic constraints from eastern Transhimalayan batholiths on the precollisional magmatic and tectonic evolution in southern Tibet. **2009**, 477, 3-19	271
1845	Magnetic field modelling and interpretation of the Himalayan–Tibetan Plateau and adjoining north Indian Plains. **2009**, 478, 87-99	12
1844	New radiometric dating constrains the time for initiation of the Karakorum fault zone (KFZ), SW Tibet. **2009**, 475, 503-513	14
1843	Lithospheric structure of the central Himalaya from 3-D tomographic imaging. **2009**, 475, 524-543	19
1842	The nature and timing of crustal thickening in Southern Tibet: Geochemical and zircon Hf isotopic constraints from postcollisional adakites. **2009**, 477, 36-48	312
1841	Nature and timing of large landslides in the Himalaya and Transhimalaya of northern India. **2009**, 28, 1037-1054	165
1840	Latest Pleistocene and Holocene glacier fluctuations in the Himalaya and Tibet. **2009**, 28, 2150-2164	147
1839	Deep geoelectric structure of the Sikkim Himalayas (NE India) using magnetotelluric studies. **2009**, 173, 171-176	38
1838	New seismic constraints on the upper mantle structure of the Hainan plume. **2009**, 173, 33-50	137
1837	40Ar–39Ar dating of volcanic rocks of the Shyok suture zone in north–west trans-Himalaya: Implications for the post-collision evolution of the Shyok suture zone. **2009**, 34, 168-177	23
1836	40Ar/39Ar dating constraints on the high-angle normal faulting along the southern segment of the Tan-Lu fault system: An implication for the onset of eastern China rift-systems. **2009**, 34, 51-60	19
1835	Early cretaceous subduction-related adakite-like rocks of the Gangdese Belt, southern Tibet: Products of slab melting and subsequent melt–peridotite interaction?. **2009**, 34, 298-309	276
1834	Early Paleozoic to Devonian multiple-accretionary model for the Qilian Shan, NW China. **2009**, 35, 323-333	275
1833	Paragneiss zircon geochronology and trace element geochemistry, North Qaidam HP/UHP terrane, western China. **2009**, 35, 298-309	67
1832	Metamorphic evolution, mineral chemistry and thermobarometry of orthogneiss hosting ultrahigh-pressure eclogites in the North Qaidam metamorphic belt, Western China. **2009**, 35, 273-284	65
1831	U–Pb zircon, geochemical and Sr–Nd–Hf isotopic constraints on the age and origin of Early Palaeozoic I-type granite from the Tengchong–Baoshan Block, Western Yunnan Province, SW China. **2009**, 36, 168-182	116

1830	Radial anisotropy in the crust and upper mantle beneath the Qinghai-Tibet Plateau and surrounding regions. **2009**, 36, 289-302	48
1829	Perpectives on Integrated Solid Earth Sciences. **2009**, 1-37	
1828	Joint inversion of surface wave velocity and gravity observations and its application to central Asian basins shear velocity structure. **2009**, 114,	48
1827	Significant seismic anisotropy beneath the southern Lhasa Terrane, Tibetan Plateau. **2009**, 10, n/a-n/a	47
1826	Structural heterogeneity of the Longmenshan fault zone and the mechanism of the 2008 Wenchuan earthquake (Ms 8.0). **2009**, 10, n/a-n/a	99
1825	Evaluating the evolution of the Red River system based on in situ U-Pb dating and Hf isotope analysis of zircons. **2009**, 10, n/a-n/a	52
1824	The Cenozoic Tectonic Evolution of the West Qinling: Constraints on the Uplift and Deformation of the Qinghai□Tibet Plateau. **2009**, 16, 215-225	10
1823	Mediterranean snapshots of accelerated slab retreat: subduction instability in stalled continental collision. **2009**, 311, 155-192	14
1822	Did the Kohistan-Ladakh island arc collide first with India?. **2009**, 121, 366-384	133
1821	Preliminary analysis on characteristics of co-seismic deformation field of the Gf̈z̈earthquake (Ms6.9) from ascending and descending pass ASAR radar interferometry. **2009**,	
1820	First record of K-cymrite in North Qaidam UHP eclogite, Western China. **2009**, 94, 222-228	28
1819	Continent elevation, mountains, and erosion: Freeboard implications. **2009**, 114,	14
1818	Insight into the origin of the Tengchong intraplate volcano and seismotectonics in southwest China from local and teleseismic data. **2009**, 114,	141
1817	Riser diachroneity, lateral erosion, and uncertainty in rates of strike-slip faulting: A case study from Tuzidun along the Altyn Tagh Fault, NW China. **2009**, 114,	73
1816	Early Mesozoic High-pressure Metamorphism Within the Lhasa Block, Tibet and Implications for Regional Tectonics. **2009**, 16, 140-151	44
1815	Accretionary Orogenesis in the Active Continental Margins. **2009**, 16, 31-48	11
1814	Cenozoic Stratigraphy Deformation History in the Central and Eastern of Qaidam Basin by the Balance Section Restoration and its Implication. **2009**, 83, 359-371	28
1813	Cenozoic Exhumation and Thrusting in the Northern Qilian Shan, Northeastern Margin of the Tibetan Plateau: Constraints from Sedimentological and Apatite Fission-Track Data. **2009**, 83, 562-579	27

1812	Dextral-Slip Thrust Faulting and Seismic Events of the Ms 8.0 Wenchuan Earthquake, Longmenshan Mountains, Eastern Margin of the Tibetan Plateau. **2009**, 83, 685-693	7
1811	Electric Structure of Crust and Upper Mantle Beneath the Bangong-Nujiang Suture in Tibet from Magnetotelluric Sounding. **2009**, 52, 1156-1165	3
1810	U-Pb dating, geochemistry, and tectonic implications of the Songpan-Ganzi block and the Longmen Shan, China. **2009**, 43, 77-99	12
1809	Fractal and b-Value Mapping in Eastern Himalaya and Southern Tibet. **2009**, 99, 3529-3533	21
1808	Determination of Onset of Uplifting for the Mid-Upper Yangtze Area Since Indosinian Event. **2010**, 53, 455-461	8
1807	Seismic Anisotropy Beneath Qinghai Province Revealed by Shear Wave Splitting. **2010**, 53, 462-472	1
1806	Tectonic setting and structural evolution of the Late Cenozoic Gobi Altai orogen. **2010**, 338, 361-387	26
1805	East-west extension in the NW Indian Himalaya. **2010**, 122, 1499-1515	65
1804	Provenance of the Liuqu Conglomerate in southern Tibet: A Paleogene erosional record of the Himalayan–Tibetan orogen. **2010**, 231, 74-84	38
1803	The significance of Cenozoic magmatism from the western margin of the eastern syntaxis, southeast Tibet. **2010**, 160, 83-98	66
1802	Cenozoic tectonic evolution in the western Qaidam Basin inferred from subsurface data. **2010**, 14, 335-344	19
1801	Interaction of surface erosion and sequential thrust progression: Implications on exhumation processes. **2010**, 75, 338-344	2
1800	Deep seismic sounding data reveal the crustal structures beneath Zoig"basin and its surrounding folded orogenic belts. **2010**, 53, 203-212	19
1799	An alternative tectonic model for the Yarlung Zangbo suture zone. **2010**, 53, 27-41	16
1798	S-wave velocity of the crust around Tianshan Mountains inverted from seismic ambient noise tomography. **2010**, 55, 3590-3598	5
1797	Spatial differences in rock uplift rates inferred from channel steepness indices along the northern flank of the Qilian Mountain, northeast Tibetan Plateau. **2010**, 55, 3205-3214	49
1796	Finding of high-pressure mafic granulites in the Amdo basement, central Tibet. **2010**, 55, 3694-3702	28
1795	Three dimensional shear wave velocity structure of the crust and upper mantle beneath China from ambient noise surface wave tomography. **2010**, 23, 449-463	48

1794	Mantle anisotropy across the southwestern boundary of the Ordos block, North China. **2010**, 23, 549-553	4
1793	Tomographic structure of East Asia: I. No fast (slab) anomalies beneath 660 km discontinuity. **2010**, 23, 597-611	9
1792	Tomographic structure of East Asia: II. Stagnant slab above 660 km discontinuity and its geodynamic implications. **2010**, 23, 613-626	19
1791	Magnetotelluric Studies of Active Continent□Continent Collisions. **2010**, 31, 137-161	76
1790	Miocene high Sr/Y magmatism, south Tibet: Product of partial melting of subducted Indian continental crust and its tectonic implication. **2010**, 114, 293-306	97
1789	Anorthitic plagioclase and pargasitic amphibole in mantle peridotites from the Yungbwa ophiolite (southwestern Tibetan Plateau) formed by hydrous melt metasomatism. **2010**, 114, 413-422	83
1788	Eocene potassic and ultrapotassic volcanism in south Tibet: New constraints on mantle source characteristics and geodynamic processes. **2010**, 117, 20-32	33
1787	Metamorphism, anatexis, zircon ages and tectonic evolution of the Gongshan block in the northern Indochina continent□An eastern extension of the Lhasa Block. **2010**, 120, 327-346	148
1786	The role of footwall deformation and denudation in controlling cooling age patterns of detachment systems: An application to the Kongur Shan extensional system in the Eastern Pamir, China. **2010**, 496, 28-43	40
1785	Late Cretaceous charnockite with adakitic affinities from the Gangdese batholith, southeastern Tibet: Evidence for Neo-Tethyan mid-ocean ridge subduction?. **2010**, 17, 615-631	283
1784	Two stages of granulite facies metamorphism in the eastern Himalayan syntaxis, south Tibet: petrology, zircon geochronology and implications for the subduction of Neo-Tethys and the Indian continent beneath Asia. **2010**, 28, no-no	28
1783	Late Quaternary glaciation in the Tianshan and implications for palaeoclimatic change: a review. **2010**, 39, 215-232	59
1782	Crustal structure of the Tethyan Himalaya, southern Tibet: new constraints from old wide-angle seismic data. **2010**,	10
1781	Palaeolatitude and age of the Indo-Asia collision: palaeomagnetic constraints. **2010**, 182, 1189-1198	176
1780	Tien Shan, Pamir, and Tibet: History and geodynamics of phanerozoic oceanic basins. **2010**, 44, 388-404	73
1779	Crustal deformation of the eastern Tibetan plateau revealed by magnetotelluric imaging. **2010**, 3, 358-362	438
1778	U-Pb (SHRIMP) and 40Ar/39Ar geochronological constraints on the evolution of the Xingxingxia shear zone, NW China: A Triassic segment of the Altyn Tagh fault system. **2010**, 122, 487-505	49
1777	Presence of Permian extension- and arc-type magmatism in southern Tibet: Paleogeographic implications. **2010**, 122, 979-993	143

1776	Detrital zircon provenance from three turbidite depocenters of the Middle-Upper Triassic Songpan-Ganzi complex, central China: Record of collisional tectonics, erosional exhumation, and sediment production. **2010**, 122, 2041-2062	127
1775	Zircon U-Pb Chronology of the Nyingtri Group, Southern Lhasa Terrane, Tibetan Plateau: Implications for Grenvillian and Pan-African Provenance and Mesozoic-Cenozoic Metamorphism. **2010**, 118, 677-690	103
1774	Spiny frogs (Paini) illuminate the history of the Himalayan region and Southeast Asia. **2010**, 107, 13765-70	153
1773	Relationships between displacement and distortion in orogens: Linking the Himalayan foreland and hinterland in central Nepal. **2010**, 122, 1116-1134	92
1772	Cenozoic right-slip faulting along the eastern margin of the Pamir salient, northwestern China. **2010**, 122, 145-161	125
1771	InSAR observation of the strike-slip faults in the northwest Himalayan frontal thrust system. **2010**, 6, 731-736	17
1770	Structural evolution of the Neogene Gar Basin, western Tibet: Implications for releasing bend development and drainage patterns. **2010**, 122, 926-945	13
1769	Geologic correlation of the Himalayan orogen and Indian craton: Part 1. Structural geology, U-Pb zircon geochronology, and tectonic evolution of the Shillong Plateau and its neighboring regions in NE India. **2010**, 122, 336-359	168
1768	Geologic correlation of the Himalayan orogen and Indian craton: Part 2. Structural geology, geochronology, and tectonic evolution of the Eastern Himalaya. **2010**, 122, 360-395	219
1767	Millennial slip rates along the eastern Kunlun fault: Implications for the dynamics of intracontinental deformation in Asia. **2010**, 2, 247-266	57
1766	Preservation of a large-scale bedrock peneplain suggests long-term landscape stability in southern Tibet. **2010**, 54, 453-466	10
1765	Crustal and upper mantle structure of southeast Tibet from Rayleigh wave tomography. **2010**, 115,	29
1764	Application of Gaussian-Beam Migration to Multiscale Imaging of the Lithosphere beneath the Hi-CLIMB Array in Tibet. **2010**, 100, 1743-1754	28
1763	Tracing the Indian lithospheric mantle beneath central Tibetan Plateau using teleseismic tomography. **2010**, 491, 230-243	45
1762	New constraints to the onset of the India–Asia collision: Paleomagnetic reconnaissance on the Linzizong Group in the Lhasa Block, China. **2010**, 489, 189-209	119
1761	New paleomagnetic results of Paleocene volcanic rocks from the Lhasa block: Tectonic implications for the collision of India and Asia. **2010**, 490, 257-266	57
1760	Paleomagnetic evidence for clockwise rotation and tilting in the eastern Tethyan Himalaya (SE Tibet): Implications for the Miocene tectonic evolution of the NE Himalaya. **2010**, 493, 172-186	13
1759	First multi-scale, finite-frequency tomography illuminates 3-D anatomy of the Tibetan Plateau. **2010**, 37, n/a-n/a	38

1758	Crustal structure beneath China from receiver function analysis. **2010**, 115,	56
1757	Heterogeneity and anisotropy of the lithosphere of SE Tibet from surface wave array tomography. **2010**, 115,	190
1756	Comparisons of the kinematics and deep structures of the Zagros and Himalaya and of the Iranian and Tibetan plateaus and geodynamic implications. **2010**, 48,	174
1755	Exhumational history of the north central Pamir. **2010**, 29, n/a-n/a	71
1754	Initiation of crustal-scale thrusts triggered by metamorphic reactions at depth: Insights from a comparison between the Himalayas and Scandinavian Caledonides. **2010**, 29, n/a-n/a	37
1753	40Ar/39Ar geochronology of post-collisional volcanism in the middle Gangdese Belt, southern Tibet. **2010**, 37, 246-258	13
1752	Multi-method chronometric constraints on the evolution of the Northern Kyrgyz Tien Shan granitoids (Central Asian Orogenic Belt): From emplacement to exhumation. **2010**, 38, 131-146	181
1751	Sedimentary characteristics of Cenozoic strata in central-southern Ningxia, NW China: Implications for the evolution of the NE Qinghai–Tibetan Plateau. **2010**, 39, 740-759	33
1750	Deep structure and origin of active volcanoes in China. **2010**, 1, 31-44	57
1749	Crustal structure variation along 30°N in the eastern Tibetan Plateau and its tectonic implications. **2010**, 289, 367-376	50
1748	Triassic granitoids in the eastern Songpan Ganzi Fold Belt, SW China: Magmatic response to geodynamics of the deep lithosphere. **2010**, 290, 481-492	130
1747	New paleomagnetic results from the Lhasa block: Revised estimation of latitudinal shortening across Tibet and implications for dating the India–Asia collision. **2010**, 293, 396-404	97
1746	Shear-wave birefringence and current configuration of converging lithosphere under Tibet. **2010**, 295, 297-304	73
1745	Testing the application of in situ Sm–Nd isotopic analysis on detrital apatites: A provenance tool for constraining the timing of India–Eurasia collision. **2010**, 297, 42-49	26
1744	In-situ detrital zircon geochronology and Hf isotopic analyses from Upper Triassic Tethys sequence strata. **2010**, 297, 461-470	74
1743	Eocene north–south trending dikes in central Tibet: New constraints on the timing of east–west extension with implications for early plateau uplift?. **2010**, 298, 205-216	87
1742	Isotopic characteristics of river sediments on the Tibetan Plateau. **2010**, 269, 406-413	37
1741	Detrital zircon U–Pb and Hf isotopic data from the Xigaze fore-arc basin: Constraints on Transhimalayan magmatic evolution in southern Tibet. **2010**, 271, 13-25	268

1740	Origin of Cenozoic alkaline potassic volcanic rocks at KonglongXiang, Lhasa terrane, Tibetan Plateau: Products of partial melting of a mafic lower-crustal source?. **2010**, 273, 286-299	104
1739	Quantifying crustal flow in Tibet with magnetotelluric data. **2010**, 179, 107-121	68
1738	Sedimentary record of Late Neoproterozoic rifting in the NW Tarim Basin, China. **2010**, 181, 85-96	94
1737	Cenozoic tectonic evolution of Asia: A preliminary synthesis. **2010**, 488, 293-325	540
1736	Stress transfer and its implication for earthquake hazard on the Kunlun Fault, Tibet. **2010**, 482, 216-225	57
1735	Stratigraphic and paleomagnetic evidence of mid-Pleistocene rapid deformation and uplift of the NE Tibetan Plateau. **2010**, 486, 108-119	45
1734	Early Paleozoic Magmatism and Gold Mineralization in the Northern Altun, NW China. **2010**, 78, 515-523	2
1733	Advances in Structural Geology and Tectonics in the Late 20th Century: A Review. **2010**, 80, 349-375	3
1732	Sediment-hosted Pb-Zn Deposits in Southwest Sanjiang Tethys and Kangdian Area on the Western Margin of Yangtze Craton. **2010**, 84, 1428-1438	28
1731	Geochemistry of the Eocene Felsic Porphyric Rocks and High-Mg Potassic Rocks along JARSZ: Implication for the Tectonic Evolution in Eastern Tibet. **2010**, 84, 1448-1460	11
1730	Chronology and Geochemistry of the Nadingcuo Volcanic Rocks in the Southern Qiangtang Region of the Tibetan Plateau: Partial Melting of Remnant Ocean Crust along the Bangong-Nujiang Suture. **2010**, 84, 1461-1473	7
1729	Transitions among Mariana-, Japan-, Cordillera- and Alaska-type arc systems and their final juxtapositions leading to accretionary and collisional orogenesis. **2010**, 338, 35-53	43
1728	Out-of-sequence deformation and expansion of the Himalayan orogenic wedge: insight from the Changgo culmination, south central Tibet. **2010**, 29, n/a-n/a	45
1727	Landscape development of the Himalayan□Tibetan orogen: a review. **2010**, 338, 389-407	11
1726	Oligocene-Miocene Kailas basin, southwestern Tibet: Record of postcollisional upper-plate extension in the Indus-Yarlung suture zone. **2011**, 123, 1337-1362	148
1725	Crustal□thospheric structure and continental extrusion of Tibet. **2011**, 168, 633-672	197
1724	Episodic fluvial incision of rivers and rock uplift in the Himalaya and Transhimalaya. **2011**, 168, 783-804	36
1723	Crustal and mantle velocity models of southern Tibet from finite frequency tomography. **2011**, 116,	26

1722	Slip rates and seismic moment deficits on major active faults in mainland China. **2011**, 116,	39
1721	Tomographic Pn and Sn velocity beneath the continental collision zone from Alps to Himalaya. **2011**, 116,	21
1720	Control of detachment geometry on lateral variations in exhumation rates in the Himalaya: Insights from low-temperature thermochronology and numerical modeling. **2011**, 116,	86
1719	Injection of Tibetan crust beneath the south Qaidam Basin: Evidence from INDEPTH IV wide-angle seismic data. **2011**, 116,	90
1718	Seismic tomographic imaging of the crust and upper mantle under the central and western Tien Shan orogenic belt. **2011**, 116,	29
1717	Acceleration and deceleration of India-Asia convergence since the Cretaceous: Roles of mantle plumes and continental collision. **2011**, 116,	217
1716	A data-adaptive, multiscale approach of finite-frequency, traveltime tomography with special reference to P and S wave data from central Tibet. **2011**, 116,	53
1715	Interplay between faulting and base level in the development of Himalayan frontal fold topography. **2011**, 116,	29
1714	The role of extension during brittle deformation within the NW Indian Himalaya. **2011**, 30, n/a-n/a	20
1713	Detrital zircon geochronology of pre-Tertiary strata in the Tibetan-Himalayan orogen. **2011**, 30, n/a-n/a	473
1712	Restoration of Cenozoic deformation in Asia and the size of Greater India. **2011**, 30, n/a-n/a	170
1711	Late Miocene–Pliocene range growth in the interior of the northeastern Tibetan Plateau. **2011**, 3, 420-438	88
1710	Tibetan plate overriding the Asian plate in central and northern Tibet. **2011**, 4, 870-873	164
1709	Climate Change in Eurasia: Perspectives over Space and Time. **2011**, 52, 12-29	5
1708	Permo-Triassic arc magmatism in central Tibet: Evidence from zircon U–Pb geochronology, Hf isotopes, rare earth elements, and bulk geochemistry. **2011**, 284, 270-282	115
1707	Petrology and geochemistry of peridotites in the Zhongba ophiolite, Yarlung Zangbo Suture Zone: Implications for the Early Cretaceous intra-oceanic subduction zone within the Neo-Tethys. **2011**, 288, 133-148	130
1706	Deconvolving episodic age spectra from zircons of the Ladakh Batholith, northwest Indian Himalaya. **2011**, 289, 179-196	53
1705	Late Jurassic–Early Cretaceous Northern Qaidam Basin, NW China: Implications for the earliest Cretaceous intracontinental tectonism. **2011**, 32, 552-564	58

1704	Noble gas isotopic systematics of Fe□Ti□V oxide ore-related mafic□ultramafic layered intrusions in the Panxi area, China: The role of recycled oceanic crust in their petrogenesis. **2011**, 75, 6727-6741	44
1703	Tectonic implication of drainage set-up in the Sub-Himalaya: A case study of Papumpare district, Arunachal Himalaya, India. **2011**, 127, 14-31	14
1702	Asymmetrical erosion and morphological development of the central Ladakh Range, northern India. **2011**, 135, 167-180	50
1701	A challenge to the concept of slip-lines in extrusion tectonics. **2011**, 2, 23-34	4
1700	The Lhasa Terrane: Record of a microcontinent and its histories of drift and growth. **2011**, 301, 241-255	837
1699	Spatial controls on erosion in the Three Rivers Region, southeastern Tibet and southwestern China. **2011**, 303, 71-83	70
1698	Mid-Eocene high Sr/Y granites in the Northern Himalayan Gneiss Domes: Melting thickened lower continental crust. **2011**, 303, 251-266	263
1697	Rayleigh wave tomography of the northeastern margin of the Tibetan Plateau. **2011**, 304, 103-112	56
1696	Seismic anisotropy of the Northeastern Tibetan Plateau from shear wave splitting analysis. **2011**, 304, 147-157	62
1695	U□Pb age and Hf isotopic constraints of detrital zircons from the Himalayan foreland Subathu sub-basin on the Tertiary palaeogeography of the Himalaya. **2011**, 304, 356-368	63
1694	Structural and geochronological evidence for the leading edge of the Greater Himalayan Crystalline complex in the central Nepal Himalaya. **2011**, 304, 483-495	76
1693	Provenance analysis of upper Cretaceous strata in the Tethys Himalaya, southern Tibet: Implications for timing of India□Asia collision. **2011**, 305, 195-206	131
1692	A mid-crustal strain-transfer model for continental deformation: A new perspective from high-resolution deep seismic-reflection profiling across NE Tibet. **2011**, 306, 279-288	89
1691	Denudation of the Namche Barwa antiform, eastern Himalaya. **2011**, 307, 323-333	82
1690	India's hidden inputs to Tibetan orogeny revealed by Hf isotopes of Transhimalayan zircons and host rocks. **2011**, 307, 479-486	155
1689	Paleomagnetism of early Paleogene marine sediments in southern Tibet, China: Implications to onset of the India□Asia collision and size of Greater India. **2011**,	11
1688	Mantle conveyor beneath the Tethyan collisional belt. **2011**, 310, 453-461	131
1687	Late Neoproterozoic thermal events in the northern Lhasa terrane, south Tibet: Zircon chronology and tectonic implications. **2011**, 52, 389-405	70

1686	An overview of the crustal structure of the Tibetan plateau after 35 years of deep seismic soundings. **2011**, 40, 977-989	98
1685	The October 6, 2008 Mw 6.3 magnitude Damxung earthquake, Yadong-Gulu rift, Tibet, and implications for present-day crustal deformation within Tibet. **2011**, 40, 943-957	21
1684	Structural evolution of the Piqiang Fault Zone, NW Tarim Basin, China. **2011**, 40, 394-402	15
1683	The 2008 Wenchuan earthquake and active tectonics of Asia. **2011**, 40, 797-804	14
1682	Zircon U-Pb geochronology of the Nyainqentanglha Group from the Lhasa terrane: New constraints on the Triassic orogeny of the south Tibet. **2011**,	6
1681	Depositional provenance of the Greater Himalayan Sequence, Garhwal Himalaya, India: Implications for tectonic setting. **2011**, 41, 344-354	10
1680	Magmatic-hydrothermal evolution of the Cretaceous Duolong gold-rich porphyry copper deposit in the Bangongco metallogenic belt, Tibet: Evidence from U-Pb and 40Ar/39Ar geochronology. **2011**, 41, 525-536	98
1679	High density carbonic fluids in a slab window: Evidence from the Gangdese charnockite, Lhasa terrane, southern Tibet. **2011**, 42, 515-524	33
1678	Eocene to Pliocene exhumation history of the Tianshui-Huicheng region determined by Apatite fission track thermochronology: Implications for evolution of the northeastern Tibetan Plateau margin. **2011**, 42, 97-110	49
1677	Triassic Subduction of the Paleo-Tethys in northern Tibet, China: Evidence from the geochemical and isotopic characteristics of eclogites and blueschists of the Qiangtang Block. **2011**, 42, 1356-1370	147
1676	Late Eocene sea retreat from the Tarim Basin (west China) and concomitant Asian paleoenvironmental change. **2011**, 299, 385-398	168
1675	Mechanics of V-shaped conjugate strike-slip faults and the corresponding continuum mode of continental deformation. **2011**, 123, 1798-1821	96
1674	Geochemical and Geochronological Evidence That the North-East Greenland Ultrahigh-Pressure Terrane Is Laurentian Crust. **2011**, 119, 439-456	19
1673	Provenance of the Upper Cretaceous-Eocene Deep-Water Sandstones in Sangdanlin, Southern Tibet: Constraints on the Timing of Initial India-Asia Collision. **2011**, 119, 293-309	104
1672	Changes of Late Mesozoic Tectonic Regimes around the Ordos Basin (North China) and their Geodynamic Implications. **2011**, 85, 1254-1276	34
1671	Did the growth of Tibetan topography control the locus and evolution of Tien Shan mountain building?. **2011**, 39, 459-462	12
1670	Cosmogenic nuclide burial ages and provenance of Late Cenozoic deposits in the Sichuan Basin: Implications for Early Quaternary glaciations in east Tibet. **2011**, 6, 304-312	28
1669	ORGANIC GEOCHEMICAL CHARACTERISTICS OF THE BILONG CO OIL SHALE (CHINA): IMPLICATIONS FOR PALEOENVIRONMENT AND PETROLEUM PROSPECTS. **2011**, 28, 398	5

1668	Imaging Poisson's Ratio of the Uppermost Mantle beneath China. **2011**, 101, 1452-1461	7
1667	Timing of collision of the Kohistan–Ladakh Arc with India and Asia: Debate. **2011**, 20, 308-328	55
1666	Multi-stage exhumation of the NE Tarim Precambrian bedrock, NW China: constraints from apatite fission track thermochronology in the Kuluketage area. **2011**, 23, 324-332	24
1665	Palaeomagnetism and 40Ar/39Ar geochronology of upper Palaeogene volcanic rocks from Central Tibet: implications for the Central Asia inclination anomaly, the palaeolatitude of Tibet and post-50 Ma shortening within Asia. **2011**, 184, 131-161	70
1664	Inclination variation in the Late Jurassic to Eocene red beds from southeast Asia: lithological to locality scale approach. **2011**, 186, 471-491	10
1663	The lithosphere-asthenosphere boundary revealed by S-receiver functions from the Hi-CLIMB experiment. **2011**, 187, 414-420	23
1662	Regional Exploration Targeting Model for Gangdese Porphyry Copper Deposits. **2011**, 61, 296-303	15
1661	Formation of the Dongmozhazhua Pb–Zn Deposit in the Thrust-Fold Setting of the Tibetan Plateau, China: Evidence from Fluid Inclusion and Stable Isotope Data. **2011**, 61, 384-406	20
1660	The collision between the Yili and Tarim blocks of the Southwestern Altaids: Geochemical and age constraints of a leucogranite dike crosscutting the HP–LT metamorphic belt in the Chinese Tianshan Orogen. **2011**, 499, 118-131	218
1659	Lithospheric structure of the Ordos Block and its boundary areas inferred from Rayleigh wave dispersion. **2011**, 499, 132-141	50
1658	Cenozoic anatexis and exhumation of Tethyan Sequence rocks in the Xiao Gurla Range, Southwest Tibet. **2011**, 501, 28-40	29
1657	Himalayan hinterland-verging superstructure folds related to foreland-directed infrastructure ductile flow: Insights from centrifuge analogue modelling. **2011**, 33, 329-342	29
1656	Porphyry Cu (–Mo–Au) deposits related to melting of thickened mafic lower crust: Examples from the eastern Tethyan metallogenic domain. **2011**, 39, 21-45	219
1655	Triassic eclogites from central Qiangtang, northern Tibet, China: Petrology, geochronology and metamorphic P–T path. **2011**, 125, 173-189	173
1654	Petrology and geochemistry of the Xiugugabu ophiolitic massif, western Yarlung Zangbo suture zone, Tibet. **2011**, 125, 347-367	71
1653	Geochemical variations in Miocene adakitic rocks from the western and eastern Lhasa terrane: Implications for lower crustal flow beneath the Southern Tibetan Plateau. **2011**, 125, 928-939	60
1652	Late Triassic high-Mg andesite/dacite suites from northern Hohxil, North Tibet: Geochronology, geochemical characteristics, petrogenetic processes and tectonic implications. **2011**, 126, 54-67	86
1651	Evidence for palaeo-Tethyan oceanic subduction within central Qiangtang, northern Tibet. **2011**, 127, 39-53	63

1650	Late Triassic porphyritic intrusions and associated volcanic rocks from the Shangri-La region, Yidun terrane, Eastern Tibetan Plateau: Adakitic magmatism and porphyry copper mineralization. **2011**, 127, 24-38	107
1649	Multiple garnet growth in garnet□kyanite□staurolite gneiss, Pangong metamorphic complex, Ladakh Himalaya: New constraints on tectonic setting. **2011**, 127, 552-563	10
1648	Phylogeny and biogeography of Thyridosmylus (Neuroptera: Osmylidae). **2011**, 36, 330-339	3
1647	Constraints to the timing of India□Eurasia collision; a re-evaluation of evidence from the Indus Basin sedimentary rocks of the Indus□Tsangpo Suture Zone, Ladakh, India. **2011**, 106, 265-292	59
1646	Partial melting, fluid supercriticality and element mobility in ultrahigh-pressure metamorphic rocks during continental collision. **2011**, 107, 342-374	258
1645	Late Carboniferous collision between the Tarim and Kazakhstan□Yili terranes in the western segment of the South Tian Shan Orogen, Central Asia, and implications for the Northern Xinjiang, western China. **2011**, 109, 74-93	394
1644	Late Devonian OIB alkaline gabbro in the Yarlung Zangbo Suture Zone: Remnants of the Paleo-Tethys?. **2011**, 19, 232-243	63
1643	Cenozoic volcanism and tectonic evolution of the Tibetan plateau. **2011**, 19, 850-866	112
1642	Crustal structure of the Paleozoic Kunlun orogeny from an active-source seismic profile between Moba and Guide in East Tibet, China. **2011**, 19, 994-1007	65
1641	Detrital zircon U□Pb ages along the Yarlung-Tsangpo suture zone, Tibet: Implications for oblique convergence and collision between India and Asia. **2011**, 20, 691-709	135
1640	Tectonics of Sedimentary Basins, with Revised Nomenclature. **2011**, 1-43	21
1639	Kinematic evolution of the eastern Tethyan Himalaya: constraints from magnetic fabric and structural properties of the Triassic flysch in SE Tibet. **2011**, 349, 99-121	23
1638	Balanced cross-section and crustal shortening analysis in the Tanggula-Tuotuohe Area, Northern Tibet. **2011**, 22, 1-10	10
1637	Rayleigh wave group velocity distribution in Ningxia. **2011**, 22, 117-123	15
1636	Palynological evidence sheds new light on the age of the Liuqu Conglomerates in Tibet and its geological significance. **2011**, 54, 901-911	13
1635	Seismic P-wave tomography in eastern Tibet: Formation of the rifts. **2011**, 56, 2450-2455	7
1634	Effects of fault movement and material properties on deformation and stress fields of Tibetan Plateau. **2011**, 24, 185-197	1
1633	Petrological characteristics, geochemical feature and metallogenetic relation of alkaline-rich rocks in northwest of Yunan Province, China. **2011**, 18, 1217-1225	

1632	Concentration and mode of occurrence of trace elements in marine oil shale from the Bilong Co area, northern Tibet, China. **2011**, 85, 112-122	22
1631	Lhasa terrane in southern Tibet came from Australia. **2011**, 39, 727-730	337
1630	Oblique convergence, arc-parallel extension, and the role of strike-slip faulting in the High Himalaya. **2011**, 7, 582-596	74
1629	. **2011**, 7, 1013	140
1628	Indication for clockwise rotation in the Siang window south of the eastern Himalayan syntaxis and new geochronological constraints for the area. **2011**, 353, 71-97	16
1627	Peneplain formation in southern Tibet predates the India-Asia collision and plateau uplift. **2011**, 39, 983-986	123
1626	Metamorphic history of the central Himalaya, Annapurna region, Nepal, and implications for tectonic models. **2011**, 123, 1863-1879	105
1625	Structural and geochronological constraints on the Mesozoic-Cenozoic tectonic evolution of the Longmen Shan thrust belt, eastern Tibetan Plateau. **2011**, 30, n/a-n/a	91
1624	Middle Miocene reorganization of deformation along the northeastern Tibetan Plateau. **2011**, 39, 359-362	161
1623	The Uplift History of the Haiyuan-Liupan Shan Region Northeast of the Present Tibetan Plateau: Integrated Constraint from Stratigraphy and Thermochronology. **2011**, 119, 372-393	46
1622	Growth and collapse of the Tibetan Plateau: introduction. **2011**, 353, 1-8	3
1621	Early Cretaceous Gangdese retroarc foreland basin evolution in the Selin Co basin, central Tibet: evidence from sedimentology and detrital zircon geochronology. **2011**, 353, 27-44	35
1620	The Asia□Kohistan□India Collision: Review and Discussion. **2011**, 279-309	50
1619	Denudational response to surface uplift in east Tibet: Evidence from apatite fission-track thermochronology. **2011**, 123, 1966-1987	68
1618	. **2011**, 7, 1249	32
1617	Metamorphic rocks in central Tibet: Lateral variations and implications for crustal structure. **2011**, 123, 585-600	193
1616	Tectonostratigraphy of the Lesser Himalaya of Bhutan: Implications for the along-strike stratigraphic continuity of the northern Indian margin. **2011**, 123, 1406-1426	91
1615	An episodic slab-rollback model for the origin of the Tharsis rise on Mars: Implications for initiation of local plate subduction and final unification of a kinematically linked global plate-tectonic network on Earth. **2012**, 4, 553-593	64

1614	Crustal Melting and Flow beneath Northern Tibet: Evidence from Mid-Miocene to Quaternary Strongly Peraluminous Rhyolites in the Southern Kunlun Range. **2012**, 53, 2523-2566	68
1613	Temperature, Pressure, and Composition of the Mantle Source Region of Late Cenozoic Basalts in Hainan Island, SE Asia: a Consequence of a Young Thermal Mantle Plume close to Subduction Zones?. **2012**, 53, 177-233	159
1612	India-Asia collision was at 24°N and 50 Ma: palaeomagnetic proof from southernmost Asia. **2012**, 2, 925	98
1611	Identification of Early Carboniferous Granitoids from Southern Tibet and Implications for Terrane Assembly Related to the Paleo-Tethyan Evolution. **2012**, 120, 531-541	52
1610	Coupled U-Pb dating and Hf isotopic analysis of detrital zircon of modern river sand from the Yalu River (Yarlung Tsangpo) drainage system in southern Tibet: Constraints on the transport processes and evolution of Himalayan rivers. **2012**, 124, 1449-1473	54
1609	Tectonic settings of porphyry Cu□Mo□Au deposits in the Himalayan□Tibetan orogen, East Tethys. **2012**, 54, 302-312	9
1608	Biogeographical origin and speciation of the Anthocoris nemorum group. **2012**, 12, 115	3
1607	Early subduction□Exhumation and late channel flow of the Greater Himalayan Sequence: implications from the Yadong section in the eastern Himalaya. **2012**, 54, 1184-1202	11
1606	Into the Himalayan exile: the phylogeography of the ground beetle Ethira clade supports the Tibetan origin of forest-dwelling Himalayan species groups. **2012**, 7, e45482	27
1605	Late Neoproterozoic to Early Palaeozoic evolution and hydrocarbon prospectivity of the NW Tarim Basin, China. **2012**, 366, 163-175	
1604	Initial India-Asia Continental Collision and Foreland Basin Evolution in the Tethyan Himalaya of Tibet: Evidence from Stratigraphy and Paleontology. **2012**, 120, 175-189	70
1603	Global-phase seismic interferometry unveils P-wave reflectivity below the Himalayas and Tibet. **2012**, 39, n/a-n/a	44
1602	Early Cenozoic Mega Thrusting in the Qiangtang Block of the Northern Tibetan Plateau. **2012**, 86, 799-809	17
1601	Postseismic motion after the 2001 MW 7.8 Kokoxili earthquake in Tibet observed by InSAR time series. **2012**, 117, n/a-n/a	49
1600	Crustal shear (S) velocity and Poisson's ratio structure along the INDEPTH IV profile in northeast Tibet as derived from wide-angle seismic data. **2012**, 191, 369-384	24
1599	Decoupling of U□Pb and Lu□Hf isotopes and trace elements in zircon from the UHP North Qaidam orogen, NE Tibet (China): Tracing the deep subduction of continental blocks. **2012**, 155, 125-145	57
1598	Zircon U□Pb and garnet Lu□Hf geochronology of eclogites from the Lhasa Block, Tibet. **2012**, 155, 341-359	45
1597	Insight into the Cenozoic tectonic evolution of the Qaidam Basin, Northwest China from fracture information. **2012**, 101, 2183-2191	5

1596	A global-scale plate reorganization event at 105–100Ma. **2012**, 355-356, 283-298	132
1595	Heavy metals of the Tibetan top soils: level, source, spatial distribution, temporal variation and risk assessment. **2012**, 19, 3362-70	83
1594	Cambrian bimodal volcanism in the Lhasa Terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc in the Australian proto-Tethyan margin. **2012**, 328, 290-308	238
1593	Metamorphic chemical geodynamics in continental subduction zones. **2012**, 328, 5-48	390
1592	The origin of Eo- and Neo-himalayan granitoids, Eastern Tibet. **2012**, 58, 143-157	44
1591	Zircon U–Pb and molybdenite Re–Os geochronology and Sr–Nd–Pb–Hf isotopic constraints on the genesis of the Xuejiping porphyry copper deposit in Zhongdian, Northwest Yunnan, China. **2012**, 60, 31-48	81
1590	Aeolian sediments on the north-eastern Tibetan Plateau. **2012**, 57, 71-84	84
1589	A new metallogenic model of the Panzhihua giant V–Ti–Fe iron oxide deposit (Emeishan Large Igneous Province) based on high-Mg olivine-bearing wehrlite and new field evidence. **2012**, 54, 1721-1745	27
1588	Young, active conjugate strike–slip deformation in West Sichuan: evidence for the stress–strain pattern of the southeastern Tibetan Plateau. **2012**, 54, 991-1012	8
1587	Lithospheric structure and geodynamic properties of the Tibetan plateau and its adjacent regions. **2012**, 25, 353-362	
1586	Crustal structure of the central Tibetan plateau and geological interpretation. **2012**, 25, 363-370	
1585	Lithospheric structure and deformation in SE Tibet revealed by ambient noise and earthquake surface wave tomography: Recent advances and perspectives. **2012**, 25, 371-383	10
1584	Investigation of plateau basin crustal structures and thickening mechanisms in the northeastern margin of the Tibetan plateau. **2012**, 25, 385-397	3
1583	Focal depth estimates of earthquakes in the Himalayan-Tibetan region from teleseismic waveform modeling. **2012**, 25, 459-468	3
1582	Pn wave velocity and anisotropy beneath Pamir and its adjacent regions. **2012**, 25, 485-493	2
1581	Constraining the mid-crustal channel flow beneath the Tibetan Plateau: data from the Nielaxiongbo gneiss dome, SE Tibet. **2012**, 54, 615-632	10
1580	Is the switch from I- to S-type magmatism in the Himalayan Orogen indicative of the collision of India and Eurasia?. **2012**, 59, 321-340	16
1579	A late Eocene palynological record of climate change and Tibetan Plateau uplift (Xining Basin, China). **2012**, 344-345, 16-38	86

1578	Tectonic evolution of the Qiangtang Block, northern Tibet during the Late Cisuralian (Late Early Permian): Evidence from fusuline fossil records. **2012**, 350-352, 139-148	42
1577	The making of Gondwana: Discovery of 650Ma HP granulites from the North Lhasa, Tibet. **2012**, 212-213, 107-116	70
1576	Coupled role of deformation and metamorphism in the construction of inverted metamorphic sequences: an example from far-northwest Nepal. **2012**, 30, 513-535	72
1575	The collision of India with Asia. **2012**, 56-57, 7-17	71
1574	Extended stratigraphy, palynology and depositional environments record the initiation of the Himalayan Gyirong Basin (Neogene China). **2012**, 44, 77-93	19
1573	Reconciling the Intertropical Convergence Zone, Himalayan/Tibetan tectonics, and the onset of the Asian monsoon system. **2012**, 44, 36-47	31
1572	Late Palaeozoic and Meso-Cenozoic tectonic evolution of the southern Kyrgyz Tien Shan: Constraints from multi-method thermochronology in the Trans-Alai, Turkestan-Alai segment and the southeastern Ferghana Basin. **2012**, 44, 149-168	100
1571	Cenozoic evolution of the Pamir plateau based on stratigraphy, zircon provenance, and stable isotopes of foreland basin sediments at Oytag (Wuyitake) in the Tarim Basin (west China). **2012**, 44, 136-148	88
1570	Magnetostratigraphy of the Neogene Siwalik Group in the far eastern Himalaya: Kameng section, Arunachal Pradesh, India. **2012**, 44, 117-135	62
1569	Late Neogene environmental changes in the central Himalaya related to tectonic uplift and orbital forcing. **2012**, 44, 62-76	24
1568	Magnetostratigraphy and depositional history of the Miocene Wushan basin on the NE Tibetan plateau, China: Implications for middle Miocene tectonics of the West Qinling fault zone. **2012**, 44, 189-202	49
1567	Temporal–spatial distribution and tectonic implications of the batholiths in the Gaoligong–Tengliang–Yingjiang area, western Yunnan: Constraints from zircon U–Pb ages and Hf isotopes. **2012**, 53, 151-175	147
1566	Magmatic zircons from I-, S- and A-type granitoids in Tibet: Trace element characteristics and their application to detrital zircon provenance study. **2012**, 53, 59-66	62
1565	Preservation of ancient Os isotope signatures in the Yungbwa ophiolite (southwestern Tibet) after subduction modification. **2012**, 53, 38-50	40
1564	Geochemical and Sr–Nd isotopic constraints on the genesis of the Cenozoic Linzizong volcanic successions, southern Tibet. **2012**, 53, 96-114	131
1563	Early Eocene crustal thickening in southern Tibet: New age and geochemical constraints from the Gangdese batholith. **2012**, 53, 82-95	120
1562	U–Pb geochronology of basement rocks in central Tibet and paleogeographic implications. **2012**, 43, 23-50	148
1561	Testing the validity of Nd isotopes as a provenance tool in southern Tibet for constraining the initial India–Asia collision. **2012**, 53, 51-58	4

1560	U–Pb zircon age, geochemical and Sr–Nd isotopic data as constraints on the petrogenesis and emplacement time of andesites from Gerze, southern Qiangtang Block, northern Tibet. **2012**, 45, 150-161	39
1559	Architecture of basin-mountain systems and their influences on gas distribution: A case study from the Sichuan basin, South China. **2012**, 47, 204-215	76
1558	Spatial variation in Meso-Cenozoic exhumation history of the Longmen Shan thrust belt (eastern Tibetan Plateau) and the adjacent western Sichuan basin: Constraints from fission track thermochronology. **2012**, 47, 185-203	82
1557	Dimension of Greater India in the early Mesozoic: Paleomagnetic constraints from Triassic sediments in the Tethyan Himalaya. **2012**, 53, 15-24	15
1556	Tectonic evolution of the Qinghai-Tibet Plateau. **2012**, 53, 3-14	485
1555	Relicts of the Early Cretaceous seamounts in the central-western Yarlung Zangbo Suture Zone, southern Tibet. **2012**, 53, 25-37	51
1554	Paleomagnetic data support Early Permian age for the Abor Volcanics in the lower Siang Valley, NE India: Significance for Gondwana-related break-up models. **2012**, 50, 105-115	34
1553	Age and thermal history of Eo- and Neohimalayan granitoids, eastern Himalaya. **2012**, 51, 85-97	38
1552	Late Cretaceous (ca. 90 Ma) adakitic intrusive rocks in the Kelu area, Gangdese Belt (southern Tibet): Slab melting and implications for Cu–Au mineralization. **2012**, 53, 67-81	79
1551	Cenozoic Mg-rich potassic rocks in the Tibetan Plateau: Geochemical variations, heterogeneity of subcontinental lithospheric mantle and tectonic implications. **2012**, 53, 115-130	30
1550	Geochemical and Sr–Nd isotopic characteristics of Cretaceous to Paleocene granitoids and volcanic rocks, SE Tibet: Petrogenesis and tectonic implications. **2012**, 53, 131-150	57
1549	New interpretation of tectonic model in south Tibet. **2012**, 56, 147-159	15
1548	Mesozoic faults in the NE Tarim (western China) and the implications on collisions in the southern Eurasian margin. **2012**, 56, 191-199	10
1547	Comparison of fluorite geochemistry from REE deposits in the Panxi region and Bayan Obo, China. **2012**, 57, 76-89	58
1546	The age and rate of displacement along the Main Central Thrust in the western Bhutan Himalaya. **2012**, 319-320, 146-158	81
1545	Eocene–Oligocene granitoids in southern Tibet: Constraints on crustal anatexis and tectonic evolution of the Himalayan orogen. **2012**, 349-350, 38-52	134
1544	Crustal structure and deformation of the SE Tibetan plateau revealed by receiver function data. **2012**, 349-350, 186-197	96
1543	Landscape evolution of a bedrock peneplain on the southern Tibetan Plateau revealed by in situ-produced cosmogenic 10Be and 21Ne. **2012**, 153-154, 192-204	30

1542	Cenozoic uplift of the Tibetan Plateau: Evidence from the tectonic–sedimentary evolution of the western Qaidam Basin. **2012**, 3, 175-187	56
1541	Lithospheric thickness and upper-mantle deformation beneath the NE Tibetan Plateau inferred fromSreceiver functions andSKSsplitting measurements. **2012**, no-no	10
1540	Indosinian Orogenesis in the Lhasa Terrane, Tibet: New Muscovite 40Ar-39Ar Geochronology and Evolutionary Process. **2012**, 86, 1116-1127	21
1539	Insights on the kinematics of the India-Eurasia collision from global geodynamic models. **2012**, 13, n/a-n/a	60
1538	Constraining the Jurassic extent of Greater India: Tectonic evolution of the West Australian margin. **2012**, 13,	52
1537	Lithospheric and upper mantle structure of the northeastern Tibetan Plateau. **2012**, 117, n/a-n/a	65
1536	Significant and vertically coherent seismic anisotropy beneath eastern Tibet. **2012**, 117, n/a-n/a	37
1535	Detrital zircon and isotopic constraints on the crustal architecture and tectonic evolution of the northeastern Pamir. **2012**, 31, n/a-n/a	97
1534	Miocene exhumation of the Pamir revealed by detrital geothermochronology of Tajik rivers. **2012**, 31, n/a-n/a	31
1533	Late Paleozoic to Early Mesozoic tectonic evolution of northeast Tibet: Evidence from the Triassic composite western Jinsha-Garz–Litang suture. **2012**, 31, n/a-n/a	82
1532	Cenozoic shortening budget for the northeastern edge of the Tibetan Plateau: Is lower crustal flow necessary?. **2012**, 31, n/a-n/a	69
1531	Convergence of the Indian and Eurasian plates under eastern Tibet revealed by seismic tomography. **2012**, 13, n/a-n/a	35
1530	Fragmented Indian plate and vertically coherent deformation beneath eastern Tibet. **2012**, 117, n/a-n/a	33
1529	Geochemistry of terrestrial oil shale from the Lunpola area, northern Tibet, China. **2012**, 102, 1-11	22
1528	Late Mesozoic tectonic evolution and growth of the Tibetan plateau prior to the Indo-Asian collision. **2012**, 114, 236-249	319
1527	Late Mesozoic–Early Cenozoic deformation history of the Yuanma Basin, central South China. **2012**, 570-571, 163-183	24
1526	Tectonostratigraphy and provenance of an accretionary complex within the Yarlung–Zangpo suture zone, southern Tibet: Insights into subduction–accretion processes in the Neo-Tethys. **2012**, 574-575, 181-192	101
1525	Relationships between porphyry Cu–Mo mineralization in the Jinshajiang–Red River metallogenic belt and tectonic activity: Constraints from zircon U–Pb and molybdenite Re–Os geochronology. **2012**, 48, 460-473	63

1524	Petrogenesis and metallogenesis of the Taihe gabbroic intrusion associated with Fe□Ti-oxide ores in the Panxi district, Emeishan Large Igneous Province, southwest China. **2012**, 49, 109-127	45
1523	Crustal structure of Chuan-Dian region derived from gravity data and its tectonic implications. **2012**, 212-213, 76-87	27
1522	Origin of Late Oligocene adakitic intrusives in the southeastern Lhasa terrane: Evidence from in situ zircon U□Pb dating, Hf□O isotopes, and whole-rock geochemistry. **2012**, 148, 296-311	72
1521	Oligocene magmatism in the eastern margin of the east Himalayan syntaxis and its implication for the India□Asia post-collisional process. **2012**, 154, 181-192	29
1520	Andean-type orogeny in the Himalayas of south Tibet: Implications for early Paleozoic tectonics along the Indian margin of Gondwana. **2012**, 154, 248-262	63
1519	A Cretaceous forearc ophiolite in the Shyok suture zone, Ladakh, NW India: Implications for the tectonic evolution of the Northwest Himalaya. **2012**, 155, 81-93	30
1518	Picritic porphyrites generated in a slab-window setting: Implications for the transition from Paleo-Tethyan to Neo-Tethyan tectonics. **2012**, 155, 375-391	15
1517	Tectonic Evolution of the Amdo Terrane, Central Tibet: Petrochemistry and Zircon U-Pb Geochronology. **2012**, 120, 431-451	78
1516	Petrogenesis and Geological Implications of the Oligocene Chongmuda-Mingze Adakite-Like Intrusions and Their Mafic Enclaves, Southern Tibet. **2012**, 120, 647-669	55
1515	Penetration of crustal melt beyond the Kunlun Fault into northern Tibet. **2012**, 5, 330-335	81
1514	Cenozoic Evolution of Hinterland Basins in the Andes and Tibet. **2012**, 427-444	35
1513	Tectonic and Basin maps of the world. **2012**, 970-1151	0
1512	Stability Assessment and Quantitative Evaluation of H/V Spectral Ratios for Site Response Studies in Kumaon Himalaya, India Using Ambient Noise Recorded by a Broadband Seismograph Network. **2012**, 169, 1801-1820	9
1511	Basin Response to Active Extension and Strike-Slip Deformation in the Hinterland of the Tibetan Plateau. **2012**, 445-460	2
1510	EW-trending uplifts along the southern side of the central segment of the Altyn Tagh Fault, NW China: Insight into the rising mechanism of the Altyn Mountain during the Cenozoic. **2012**, 55, 926-939	38
1509	Relocation of the 10 March 2011 Yingjiang, China, earthquake sequence and its tectonic implications. **2012**, 25, 103-110	10
1508	Heterogeneous mantle source and magma differentiation of quaternary arc-like volcanic rocks from Tengchong, SE margin of the Tibetan Plateau. **2012**, 163, 841-860	47
1507	Petrogenesis and thermal history of the Yulong porphyry copper deposit, Eastern Tibet: insights from U-Pb and U-Th/He dating, and zircon Hf isotope and trace element analysis. **2012**, 105, 201-221	45

1506	Highly Oxidized Magma and Fluid Evolution of Miocene Qulong Giant Porphyry Cu-Mo Deposit, Southern Tibet, China. **2012**, 62, 4-18	61
1505	Geochemistry and Petrogenesis of Granitoids at Sharang Eocene Porphyry Mo Deposit in the Main-Stage of India-Asia Continental Collision, Northern Gangdese, Tibet. **2012**, 62, 84-98	29
1504	Thematic Articles Porphyry Cu-Au-Mo deposits in Tibet and Kazakhstan **2012**, 62, 1-3	20
1503	Post-orogenic evolution of the Mesozoic Micang Shan Foreland Basin system, central China. **2012**, 24, 70-90	52
1502	Crustal and uppermost mantle velocity structure beneath northwestern China from seismic ambient noise tomography. **2012**, 188, 131-143	34
1501	Petrology and geochronology of the Namche Barwa Complex in the eastern Himalayan syntaxis, Tibet: Constraints on the origin and evolution of the north-eastern margin of the Indian Craton. **2012**, 21, 123-137	108
1500	Paleogene crustal anatexis and metamorphism in Lhasa terrane, eastern Himalayan syntaxis: Evidence from UPb zircon ages and Hf isotopic compositions of the Nyingchi Complex. **2012**, 21, 100-111	61
1499	Geochemistry of Miocene trachytes in Bugasi, Lhasa block, Tibetan Plateau: Mixing products between mantle- and crust-derived melts?. **2012**, 21, 112-122	37
1498	Kinematics and dynamics of the Namche Barwa Syntaxis, eastern Himalaya: Constraints from deformation, fabrics and geochronology. **2012**, 21, 19-36	89
1497	Crustal thickening prior to 38Ma in southern Tibet: Evidence from lower crust-derived adakitic magmatism in the Gangdese Batholith. **2012**, 21, 88-99	193
1496	Rheology of the continental lithosphere: Progress and new perspectives. **2012**, 21, 4-18	42
1495	Paleomagnetic results from the Early Cretaceous Zenong Group volcanic rocks, Cuoqin, Tibet, and their paleogeographic implications. **2012**, 22, 461-469	64
1494	Palaeomagnetism of late Cretaceous sediments from southern Tibet: Evidence for the consistent palaeolatitudes of the southern margin of Eurasia prior to the collision with India. **2012**, 21, 53-63	73
1493	Tectonic evolution of Tibet and surrounding regions. **2012**, 21, 1-3	41
1492	The vast proto-Tibetan Plateau: New constraints from Paleogene Hoh Xil Basin. **2012**, 22, 434-446	51
1491	Revision of the CretaceousPaleogene stratigraphic framework, facies architecture and provenance of the Xigaze forearc basin along the Yarlung Zangbo suture zone. **2012**, 22, 415-433	99
1490	Spatial distribution of seismic layer, crustal thickness, and Vp/Vs ratio in the Permian Emeishan Mantle Plume region. **2012**, 22, 127-139	34
1489	The IndusYarlung Zangbo ophiolites from Nanga Parbat to Namche Barwa syntaxes, southern Tibet: First synthesis of petrology, geochemistry, and geochronology with incidences on geodynamic reconstructions of Neo-Tethys. **2012**, 22, 377-397	274

1488	Tectonics of the northern Himalaya since the India–Asia collision. **2012**, 21, 939-960	128
1487	New paleomagnetic results of the early Permian in the Xainza area, Tibetan Plateau and their paleogeographical implications. **2012**, 22, 447-460	32
1486	Zircon SHRIMP U–Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. **2012**, 22, 737-747	96
1485	Cenozoic thrust system, basin evolution, and uplift of the Tanggula Range in the Tuotuohe region, central Tibet. **2012**, 22, 482-492	64
1484	Plate tectonics of Asia: Geological and geophysical constraints. **2012**, 22, 353-359	6
1483	Effects from the Wenchuan Earthquake and seismic hazard in the Longmenshan Mountains at the eastern margin of the Tibetan Plateau. **2012**, 143-144, 28-36	8
1482	Upper- and mid-crustal radial anisotropy beneath the central Himalaya and southern Tibet from seismic ambient noise tomography. **2012**, 189, 1169-1182	36
1481	Crustal and upper mantle velocity structure beneath central Tibet by P-wave teleseismic tomography. **2012**, 190, 1325-1334	11
1480	Paleozoic and Mesozoic Basement Magmatisms of Eastern Qaidam Basin, Northern Qinghai-Tibet Plateau: LA-ICP-MS Zircon U-Pb Geochronology and its Geological Significance. **2012**, 86, 350-369	70
1479	Polystage deformation of the Gaoligong metamorphic zone: Structures, 40Ar/39Ar mica ages, and tectonic implications. **2012**, 37, 1-18	73
1478	Cooling history of the Chapedony metamorphic core complex, Central Iran: Implications for the Eurasia–Arabia collision. **2012**, 524-525, 100-107	32
1477	Geochronology and geochemistry of the Bangpu Mo–Cu porphyry ore deposit, Tibet. **2012**, 46, 95-105	18
1476	Late Cretaceous-Palaeogene stratigraphic and basin evolution in the Zhepure Mountain of southern Tibet: implications for the timing of India-Asia initial collision. **2012**, 24, 520-543	91
1475	Two-stage evolution of the Altyn Tagh Fault during the Cenozoic: new insight from provenance analysis of a geological section in NW Qaidam Basin, NW China. **2012**, 24, 387-395	63
1474	Geodymanics of Tibet, Tarim, and the Tien Shan in the Late Cenozoic. **2012**, 46, 185-211	19
1473	Eocene high grade metamorphism and crustal anatexis in the North Himalaya Gneiss Domes, Southern Tibet. **2012**, 57, 639-650	25
1472	Origin of middle Miocene leucogranites and rhyolites on the Tibetan Plateau: Constraints on the timing of crustal thickening and uplift of its northern boundary. **2012**, 57, 511-524	14
1471	Exact timing of granulite metamorphism in the Namche-Barwa, eastern Himalayan syntaxis: new constrains from SIMS U–Pb zircon age. **2012**, 101, 239-252	23

1470	Geochemistry and geodynamic implications of the Triassic bimodal magmatism from Western Kunlun Orogen, northwest China. **2012**, 101, 555-577	4
1469	Timing of Xunhua and Guide basin development and growth of the northeastern Tibetan Plateau, China. **2013**, 25, 74-96	38
1468	Petrochronology of Himalayan ultrahigh-pressure eclogite. **2013**, 41, 835-838	87
1467	Source parameters and scaling relations for small earthquakes in Kumaon Himalaya, India. **2013**, 17, 579-592	18
1466	Importance of continental subductions for the growth of the Tibetan plateau. **2013**, 184, 199-223	43
1465	5.15 The Influence of Middle and Lower Crustal Flow on the Landscape Evolution of Orogenic Plateaus: Insights from the Himalaya and Tibet. **2013**, 350-369	3
1464	Drowning unconformities: Palaeoenvironmental significance and involvement of global processes. **2013**, 293, 45-66	34
1463	Re–Os molybdenite ages and zircon Hf isotopes of the Gangjiang porphyry Cu–Mo deposit in the Tibetan Orogen. **2013**, 48, 585-602	35
1462	Trace elements and their behaviour during the combustion of marine oil shale from Changliang Mountain, northern Tibet, China. **2013**, 70, 1125-1134	5
1461	An upper-mantle S-wave velocity model for East Asia from Rayleigh wave tomography. **2013**, 377-378, 367-377	93
1460	Metamorphism of the Amdo metamorphic complex, Tibet: implications for the Jurassic tectonic evolution of the Bangong suture zone. **2013**, 31, 705-727	42
1459	Crustal thickness and Poisson's ratio variations across the northwest Himalaya and eastern Ladakh. **2013**, 61, 905-922	13
1458	Post-collisional, K-rich mafic magmatism in south Tibet: constraints on Indian slab-to-wedge transport processes and plateau uplift. **2013**, 165, 1311-1340	94
1457	Active tectonics of Himalayan Frontal Fault system. **2013**, 102, 1791-1810	48
1456	Geochemistry of Proterozoic granitoids exposed between Dirang and Tawang, western Arunachal Himalaya, north-eastern India: petrogenetic and tectonic significance. **2013**, 102, 2043-2060	5
1455	Earthquake geology of Kashmir Basin and its implications for future large earthquakes. **2013**, 102, 1957-1966	42
1454	Evolution of the Paleocene-Early Eocene larger benthic foraminifera in the Tethyan Himalaya of Tibet, China. **2013**, 102, 1427-1445	32
1453	Crustal and upper mantle structure and the deep seismogenic environment in the source regions of the Lushan earthquake and the Wenchuan earthquake. **2013**, 56, 1158-1168	29

1452	Influence of the Tibetan Plateau uplift on the Asian monsoon-arid environment evolution. **2013**, 58, 4277-4291	72
1451	Episodic crustal anatexis and the formation of Paiku composite leucogranitic pluton in the Malashan Gneiss Dome, Southern Tibet. **2013**, 58, 3546-3563	29
1450	A possible mechanism for the initiation of the Yinggehai Basin: A visco-elasto-plastic model. **2013**, 74, 25-36	5
1449	First Triassic palaeomagnetic constraints from Junggar (NW China) and their implications for the Mesozoic tectonics in Central Asia. **2013**, 78, 371-394	48
1448	Petrogenesis of early Paleozoic peraluminous granite in the Sibumasu Block of SW Yunnan and diachronous accretionary orogenesis along the northern margin of Gondwana. **2013**, 182-183, 67-85	114
1447	The Carboniferous ophiolite in the middle of the Qiangtang terrane, Northern Tibet: SHRIMP U–Pb dating, geochemical and Sr–Nd–Hf isotopic characteristics. **2013**, 168-169, 186-199	158
1446	Petrogenesis of Early to Middle Jurassic granitoid rocks from the Gangdese belt, Southern Tibet: Implications for early history of the Neo-Tethys. **2013**, 179, 320-333	96
1445	Tectonic evolution of the India–Asia suture zone since Middle Eocene time, Lopukangri area, south-central Tibet. **2013**, 62, 205-220	21
1444	Gas hydrate formation and accumulation potential in the Qiangtang Basin, northern Tibet, China. **2013**, 73, 186-194	26
1443	Progress in deep lithospheric exploration of the continental China: A review of the SinoProbe. **2013**, 606, 1-13	45
1442	Investigation of the Moho discontinuity beneath the Chinese mainland using deep seismic sounding profiles. **2013**, 609, 202-216	63
1441	Cambrian volcanism in the Lhasa terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc along the Gondwana proto-Tethyan margin. **2013**, 77, 91-107	82
1440	Synchronous deformation on orogenic plateau margins: Insights from the Arabia–Eurasia collision. **2013**, 608, 440-451	46
1439	The 40Ar/39Ar and Rb–Sr chronology of the Precambrian Aksu blueschists in western China. **2013**, 63, 197-205	49
1438	Coherent lake growth on the central Tibetan Plateau since the 1970s: Characterization and attribution. **2013**, 483, 61-67	147
1437	Deep burial of Asian continental crust beneath the Pamir imaged with local earthquake tomography. **2013**, 384, 165-177	73
1436	Crustal Shortening and Extension in the Central Andes: Insights from a Viscoelastic Model. **2013**, 325-339	6
1435	Insights into the early Tibetan Plateau from (U–Th)/He thermochronology. **2013**, 170, 917-927	31

1434	Minerals and potentially hazardous trace elements in the Late Triassic coals from the Qiangtang Basin, China. **2013**, 116-117, 93-105	31
1433	Multi-stage tectono-magmatic events of the Eastern Kunlun Range, northern Tibet: Insights from U□b geochronology and (U□h)/He thermochronology. **2013**, 599, 97-106	86
1432	Cenozoic thermo-tectonic evolution of the northeastern Pamir revealed by zircon and apatite fission-track thermochronology. **2013**, 589, 17-32	59
1431	Three-dimensional thermo-mechanical modeling of the Cenozoic uplift of the Tianshan mountains driven tectonically by the Pamir and Tarim. **2013**, 62, 797-811	14
1430	Early Mesozoic metamorphism and tectonic significance of the eastern segment of the Lhasa terrane, south Tibet. **2013**, 78, 160-183	21
1429	Geological evolution of the longmenshan intracontinental composite orogen and the eastern margin of the Tibetan Plateau. **2013**, 24, 874-890	15
1428	Late Occupation of the High-Elevation Northern Tibetan Plateau Based on Cosmogenic, Luminescence, and Radiocarbon Ages. **2013**, 28, 413-431	46
1427	A Rodinian suture in western India: New insights on India-Madagascar correlations. **2013**, 236, 227-251	68
1426	Linking a prolonged Neo-Tethyan magmatic arc in South Asia: Zircon U-Pb and Hf isotopic constraints from the Lohit Batholith, NE India. **2013**, 25, 453-458	38
1425	Exhumation History of the Gangdese Batholith, Southern Tibetan Plateau: Evidence from Apatite and Zircon (U-Th)/He Thermochronology. **2013**, 121, 155-172	49
1424	Mountain building processes in intracontinental oblique deformation belts: Lessons from the Gobi Corridor, Central Asia. **2013**, 46, 255-282	74
1423	Crustal Structure of the Northeastern Tibetan Plateau from the Southern Tarim Basin to the Sichuan Basin, China. **2013**, 584, 191-208	42
1422	Adakitic rocks derived from the partial melting of subducted continental crust: Evidence from the Eocene volcanic rocks in the northern Qiangtang block. **2013**, 23, 812-824	40
1421	A non-collisional, accretionary Sveconorwegian orogen. **2013**, 25, 30-37	78
1420	Contribution of mantle components within juvenile lower-crust to collisional zone porphyry Cu systems in Tibet. **2013**, 48, 173-192	140
1419	Distinct lateral contrast of the crustal and upper mantle structure beneath northeast Tibetan plateau from receiver function analysis. **2013**, 217, 1-9	18
1418	Multiple metamorphic events revealed by zircons from the Diancang Shan□Ailao Shan metamorphic complex, southeastern Tibetan Plateau. **2013**, 24, 429-450	56
1417	The origin and pre-Cenozoic evolution of the Tibetan Plateau. **2013**, 23, 1429-1454	809

1416	OSL dating of offset streams across the Altyn Tagh Fault: Channel deflection, loess deposition and implication for the slip rate. **2013**, 594, 182-194	26
1415	Geochemistry of Mesozoic and Cenozoic sediments in the northern Qaidam basin, northeastern Tibetan Plateau: Implications for provenance and weathering. **2013**, 360-361, 74-88	50
1414	Inter-seismic deformation field of the Ganzi-Yushu fault before the 2010 Mw 6.9 Yushu earthquake. **2013**, 584, 138-143	13
1413	The Eocene–Oligocene climate transition in the Tarim Basin, Northwest China: Evidence from clay mineralogy. **2013**, 74, 10-19	33
1412	Age constraints on the India–Asia collision derived from secondary remanences of Tethyan Himalayan sediments from the Tingri area. **2013**, 62, 329-340	22
1411	New constraints on crustal structure and Moho topography in Central Tibet revealed by SinoProbe deep seismic reflection profiling. **2013**, 606, 160-170	40
1410	SHRIMP zircon U–Pb geochronology, geochemistry and Sr–Nd–Hf isotopic compositions of a mafic dyke swarm in the Qiangtang terrane, northern Tibet and geodynamic implications. **2013**, 174, 28-43	88
1409	Multi-system geochronological and isotopic constraints on age and evolution of the Gaoligongshan metamorphic belt and shear zone system in western Yunnan, China. **2013**, 73, 218-239	43
1408	Numerical modeling of eastern Tibetan-type margin: Influences of surface processes, lithospheric structure and crustal rheology. **2013**, 24, 1091-1107	17
1407	Paleogene high elevations in the Qiangtang Terrane, central Tibetan Plateau. **2013**, 362, 31-42	100
1406	Linking the Indochina block and Gondwana during the Early Paleozoic: Evidence from U–Pb ages and Hf isotopes of detrital zircons. **2013**, 586, 145-159	105
1405	The link between reduced porphyry copper deposits and oxidized magmas. **2013**, 103, 263-275	279
1404	Geochemistry of Eocene high-Mg# adakitic rocks in the northern Qiangtang terrane, central Tibet: Implications for early uplift of the plateau. **2013**, 125, 1800-1819	25
1403	Polycyclic aromatic hydrocarbons (PAHs) in late Eocene to early Pleistocene mudstones of the Sylhet succession, NE Bengal Basin, Bangladesh: Implications for source and paleoclimate conditions during Himalayan uplift. **2013**, 56, 25-39	26
1402	Temperature beneath Tibet. **2013**, 375, 326-337	32
1401	Millennial slip rates of the Tazang fault, the eastern termination of Kunlun fault: Implications for strain partitioning in eastern Tibet. **2013**, 608, 1180-1200	44
1400	Crustal structure across northeastern Tibet from wide-angle seismic profiling: Constraints on the Caledonian Qilian orogeny and its reactivation. **2013**, 606, 140-159	44
1399	Early Late Cretaceous (ca. 93Ma) norites and hornblendites in the Milin area, eastern Gangdese: Lithosphere–asthenosphere interaction during slab roll-back and an insight into early Late Cretaceous (ca. 100–80Ma) magmatic flare-up in southern Lhasa (Tibet). **2013**, 172-173, 17-30	94

1398	The Indo-Asian continental collision: A 3-D viscous model. **2013**, 606, 198-211	28
1397	Late Cretaceous crustal growth in the Gangdese area, southern Tibet: Petrological and Sr□Nd□Hf□O isotopic evidence from Zhengga diorite□gabbro. **2013**, 349-350, 54-70	105
1396	Historic seismicity near the source zone of the great 2008 Wenchuan earthquake: Implications for seismic hazards. **2013**, 584, 114-118	7
1395	Triassic arc magmatism in the Qiangtang area, northern Tibet: Zircon U□Pb ages, geochemical and Sr□Nd□Hf isotopic characteristics, and tectonic implications. **2013**, 63, 162-178	117
1394	Moho, seismogenesis, and rheology of the lithosphere. **2013**, 609, 491-503	22
1393	Late Cretaceous (100□89Ma) magnesian charnockites with adakitic affinities in the Milin area, eastern Gangdese: Partial melting of subducted oceanic crust and implications for crustal growth in southern Tibet. **2013**, 175-176, 315-332	113
1392	Oceanic-style subduction controls late Cenozoic deformation of the Northern Pamir orogen. **2013**, 363, 204-218	105
1391	Cretaceous to Cenozoic evolution of the northern Lhasa Terrane and the Early Paleogene development of peneplains at Nam Co, Tibetan Plateau. **2013**, 70-71, 79-98	45
1390	Seismic imaging of the deep structure under the Chinese volcanoes: An overview. **2013**, 224, 104-123	74
1389	Seismic structure and rheology of the crust under mainland China. **2013**, 23, 1455-1483	53
1388	Compositional diversity of ca. 110Ma magmatism in the northern Lhasa Terrane, Tibet: Implications for the magmatic origin and crustal growth in a continent□continent collision zone. **2013**, 168-169, 144-159	133
1387	Paleomagnetic constraints on the Cenozoic kinematic evolution of the Pamir plateau from the Western Kunlun Shan foreland. **2013**, 603, 257-271	9
1386	Late Cretaceous K-rich magmatism in central Tibet: Evidence for early elevation of the Tibetan plateau?. **2013**, 160-161, 1-13	85
1385	Middle□late Paleozoic Australia□Asia convergence and tectonic extrusion of Australia. **2013**, 24, 5-54	34
1384	Experimental assessment of the relationships between electrical resistivity, crustal melting and strain localization beneath the Himalayan□Tibetan Belt. **2013**, 373, 20-30	31
1383	Precambrian evolution of the Lhasa terrane, Tibet: Constraint from the zircon U□Pb geochronology of the gneisses. **2013**, 237, 64-77	47
1382	Large spatial and temporal variations in Himalayan denudation. **2013**, 371-372, 278-293	87
1381	Late Cretaceous (~81Ma) high-temperature metamorphism in the southeastern Lhasa terrane: Implication for the Neo-Tethys ocean ridge subduction. **2013**, 608, 112-126	45

1380	Geochronology and geochemistry of Mesoproterozoic granitoids in the Lhasa terrane, south Tibet: Implications for the early evolution of Lhasa terrane. **2013**, 236, 46-58	45
1379	Anisotropy gradients from QL surface waves: Evidence for vertically coherent deformation in the Tibet region. **2013**, 608, 346-355	9
1378	Paleozoic evolution of the Qimantagh magmatic arcs, Eastern Kunlun Mountains: Constraints from zircon dating of granitoids and modern river sands. **2013**, 77, 183-202	78
1377	Slip-rates along the Chaman fault: Implication for transient strain accumulation and strain partitioning along the western Indian plate margin. **2013**, 608, 389-400	21
1376	Rapid forearc spreading between 130 and 120Ma: Evidence from geochronology and geochemistry of the Xigaze ophiolite, southern Tibet. **2013**, 172-173, 1-16	129
1375	A review of Permian stratigraphy, palaeobiogeography and palaeogeography of the Qinghai–Tibet Plateau. **2013**, 24, 55-76	138
1374	From oceanic subduction to continental collision: An overview of HP–UHP metamorphic rocks in the North Qaidam UHP belt, NW China. **2013**, 63, 98-111	51
1373	Eocene seawater retreat from the southwest Tarim Basin and implications for early Cenozoic tectonic evolution in the Pamir Plateau. **2013**, 588, 27-38	60
1372	Crustal anisotropy from Moho converted Ps wave splitting analysis and geodynamic implications beneath the eastern margin of Tibet and surrounding regions. **2013**, 24, 946-957	107
1371	Normal faulting from simple shear rifting in South Tibet, using evidence from passive seismic profiling across the Yadong-Gulu Rift. **2013**, 606, 178-186	27
1370	Rapid Eocene erosion, sedimentation and burial in the eastern Himalayan syntaxis and its geodynamic significance. **2013**, 23, 715-725	28
1369	Petrogenesis and metallogenic setting of the Habo porphyry Cu–(Mo–Au) deposit, Yunnan, China. **2013**, 66, 188-203	20
1368	Provenance analysis of the Mesozoic Hoh-Xil-Songpan-Ganzi turbidites in northern Tibet: Implications for the tectonic evolution of the eastern Paleo-Tethys Ocean. **2013**, 32, 34-48	146
1367	Dating the India–Eurasia collision through arc magmatic records. **2013**, 366, 163-175	251
1366	Mechanics of mafic dyke swarms in the Deccan Large Igneous Province: Palaeostress field modelling. **2013**, 66, 79-91	44
1365	Reconstructing the evolution and biogeographic history of tribe Cardueae (Compositae). **2013**, 100, 867-82	93
1364	Petrogenetic and tectonic significance of Permian calc-alkaline lamprophyres, East Kunlun orogenic belt, Northern Qinghai-Tibet Plateau. **2013**, 55, 1817-1834	31
1363	Petrogenesis and tectonic implications of the Triassic volcanic rocks in the northern Yidun Terrane, Eastern Tibet. **2013**, 175-176, 285-301	47

1362	Constraints of detrital zircon UPb ages and Hf isotopes on the provenance of the Triassic Yidun Group and tectonic evolution of the Yidun Terrane, Eastern Tibet. **2013**, 289, 74-98	49
1361	5.4 Transform Plate Margins and StrikeSlip Fault Systems. **2013**, 37-70	2
1360	Tianshan, Junggar and Altay Orogens (NW China), the Alpine-Himalayan Fold Belts (Tethyan Orogens), Kunlun and Songpan-Ganzi Terranes. **2013**, 381-545	1
1359	1.10 Tectonism, Climate, and Geomorphology. **2013**, 146-189	1
1358	Crustal structure of the central Qaidam basin imaged by seismic wide-angle reflection/refraction profiling. **2013**, 584, 174-190	25
1357	Late Cenozoic extension and crustal doming in the India-Eurasia collision zone: New thermochronologic constraints from the NE Chinese Pamir. **2013**, 32, 763-779	45
1356	Petrogenesis and tectonics of late Permian felsic volcanic rocks, eastern Qiangtang block, north-central Tibet: Sr and Nd isotopic evidence. **2013**, 55, 1017-1028	19
1355	Geological and ecological factors drive cryptic speciation of yews in a biodiversity hotspot. **2013**, 199, 1093-1108	159
1354	Origin of the Dachang gold deposit, NW China: constraints from H, O, S, and Pb isotope data. **2013**, 55, 1885-1901	8
1353	UPPER TRIASSIC POTENTIAL SOURCE ROCKS IN THE QIANGTANG BASIN, TIBET: ORGANIC GEOCHEMICAL CHARACTERISTICS. **2013**, 36, 237-255	17
1352	The giant Shakhdara migmatitic gneiss dome, Pamir, India-Asia collision zone: 1. Geometry and kinematics. **2013**, 32, n/a-n/a	20
1351	Bulk crustal properties in NE Tibet and their implications for deformation model. **2013**, 24, 548-559	43
1350	Geometry of the Pamir-Hindu Kush intermediate-depth earthquake zone from local seismic data. **2013**, 118, 1438-1457	121
1349	Seismic imaging of subducting continental lower crust beneath the Pamir. **2013**, 375, 101-112	124
1348	Zircon UPb geochronology and elemental and SrNdHf isotopic geochemistry of the Daocheng granitic pluton from the Yidun Arc, SW China. **2013**, 67-68, 1-17	23
1347	5.3 ContinentalContinental Collision Zone. **2013**, 13-36	
1346	UPb detrital zircon geochronology and its implications: The early Late Triassic Yanchang Formation, south Ordos Basin, China. **2013**, 64, 86-98	52
1345	Active faulting, mountain growth, and erosion at the margins of the Tibetan Plateau constrained by in situ-produced cosmogenic nuclides. **2013**, 582, 1-24	68

1344	Tectonics, exhumation, and drainage evolution of the eastern Himalaya since 13 Ma from detrital geochemistry and thermochronology, Kameng River Section, Arunachal Pradesh. **2013**, 125, 523-538	64
1343	U-Pb zircon geochronology of major lithologic units in the eastern Himalaya: Implications for the origin and assembly of Himalayan rocks. **2013**, 125, 499-522	78
1342	The structure of Circum-Tibetan Plateau Basin-Range System and the large gas provinces. **2013**, 56, 1853-1863	16
1341	Fluvial diversity in relation to valley setting in the source region of the Yangtze and Yellow Rivers. **2013**, 23, 817-832	14
1340	Orogen-parallel ductile extension and extrusion of the Greater Himalaya in the late Oligocene and Miocene. **2013**, 32, 191-215	72
1339	Kinematics of the Pamir and Hindu Kush regions from GPS geodesy. **2013**, 118, 2408-2416	82
1338	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. **2013**, 5, 555-574	60
1337	The Lost South Gobi Microcontinent: Protolith Studies of Metamorphic Tectonites and Implications for the Evolution of Continental Crust in Southeastern Mongolia. **2013**, 3, 543-584	8
1336	Mesozoic and Cenozoic Cooling History of the Qiangtang Block, Northern Tibet, China: New Constraints from Apatite and Zircon Fission Track Data. **2013**, 24, 985	5
1335	Geochemical, Sr-Nd-Pb, and Zircon Hf-O Isotopic Compositions of Eocene-Oligocene Shoshonitic and Potassic Adakite-like Felsic Intrusions in Western Yunnan, SW China: Petrogenesis and Tectonic Implications. **2013**, 54, 1309-1348	129
1334	Evidence of pre-Oligocene emergence of the Indian passive margin and the timing of collision initiation between India and Eurasia. **2013**, 5, 501-506	9
1333	Neogene rotations in the Jiuquan Basin, Hexi Corridor, China. **2013**, 373, 173-189	15
1332	Building of the Deep Gangdese Arc, South Tibet: Paleocene Plutonism and Granulite-Facies Metamorphism. **2013**, 54, 2547-2580	93
1331	Age and origin of granites in the Karakoram shear zone and Greater Himalaya Sequence, NW India. **2013**, 5, 300-320	21
1330	Magnetostratigraphy and Anisotropy of Magnetic Susceptibility of the Lulehe Formation in the Northeastern Qaidam Basin. **2013**, 87, 576-587	59
1329	Oligocene slow and Miocene□Quaternary rapid deformation and uplift of the Yumu Shan and North Qilian Shan: evidence from high-resolution magnetostratigraphy and tectonosedimentology. **2013**, 373, 149-171	51
1328	Early Cenozoic Tectonics of the Tibetan Plateau. **2013**, 87, 289-303	12
1327	Phanerozoic Paleomagnetism Characteristics of the Qomolangma Area in Tibet. **2013**, 87, 517-527	3

1326	Definition of the Quaternary Qiangtang Paleolake in Qinghai-Tibetan Plateau, China. **2013**, 87, 607-617	5
1325	Quantitative Biostratigraphic Analysis upon the Upper Cretaceous in Tethyan Himalaya. **2013**, 87, 926-935	1
1324	Early Cenozoic Multiple Thrust in the Tibetan Plateau. **2013**, 2013, 1-12	13
1323	Early Middle Triassic mafic dikes from the Baoshan subterrane, western Yunnan: implications for the tectonic evolution of the Palaeo-Tethys in Southeast Asia. **2013**, 55, 976-993	12
1322	The Cimmerian geopuzzle: new data from South Pamir. **2013**, 25, 352-360	69
1321	Tungsten Mineralization Processes at the Sisson Brook W-Mo-Cu deposit, Central New Brunswick: the Role of Formation of Titaniferous Phases at Reaction Fronts. **2013**, 87, 672-856	8
1320	Tertiary evolution of the western Tarim basin, northwest China: A tectono-sedimentary response to northward indentation of the Pamir salient. **2013**, 32, 558-575	41
1319	Shear wave structure in the northeastern Tibetan Plateau from Rayleigh wave tomography. **2013**, 118, 4170-4183	25
1318	Evidence for constriction and Pliocene acceleration of east-west extension in the North Lunggar rift region of west central Tibet. **2013**, 32, 1454-1479	31
1317	Magnetostratigraphy, fence diagrams and basin analysis. **2013**, 373, 133-147	4
1316	Artinskian (Early Permian) fusuline fauna from the Rongma area in northern Tibet: palaeoclimatic and palaeobiogeographic implications. **2013**, 37, 529-546	12
1315	Late Cenozoic evolution of the Lunggar extensional basin, Tibet: Implications for basin growth and exhumation in hinterland plateaus. **2013**, 125, 343-358	13
1314	Miocene initiation and acceleration of extension in the South Lunggar rift, western Tibet: Evolution of an active detachment system from structural mapping and (U-Th)/He thermochronology. **2013**, 32, n/a-n/a	14
1313	Inclination shallowing in Eocene Linzizong sedimentary rocks from Southern Tibet: correction, possible causes and implications for reconstructing the India–Asia collision. **2013**, 194, 1390-1411	49
1312	Formation mechanism of steep convergent intracontinental margins: Insights from numerical modeling. **2013**, 40, 2000-2005	16
1311	The geochemical and temporal evolution of the continental lithosphere and its relationship to continental-scale faulting: The Karakoram Fault, eastern Karakoram, NW Himalayas. **2013**, 14, 583-603	16
1310	Tibetan and Indian lithospheres in the upper mantle beneath Tibet: Evidence from broadband surface-wave dispersion. **2013**, 14, 4260-4281	58
1309	Modulation of Late Cretaceous and Cenozoic climate by variable drawdown of atmospheric <i>p</i>CO₂ from weathering of basaltic provinces on continents drifting through the equatorial humid belt. **2013**, 9, 525-546	65

1308	Tertiary origin and pleistocene diversification of dragon blood tree (Dracaena cambodiana-Asparagaceae) populations in the Asian tropical forests. **2013**, 8, e60102	10
1307	Tectonism, Climate, and Geomorphology Spatial and Temporal Perspectives ?. **2014**,	
1306	Neogene Source-to-Sink Relations between the Pamir and Tarim Basin: Insights from Stratigraphy, Detrital Zircon Geochronology, and Whole-Rock Geochemistry. **2014**, 122, 433-454	21
1305	Lacustrine tempestite and its geological significance in the Cenozoic study of the Qaidam Basin. **2014**, 92, 157-167	16
1304	Structure of the crust and mantle down to 700 km depth beneath the East Qaidam basin and Qilian Shan from P and S receiver functions. **2014**, 199, 1416-1429	29
1303	Crustal structure beneath SE Tibet from joint analysis of receiver functions and Rayleigh wave dispersion. **2014**, 41, 1479-1484	44
1302	Asia: a frontier for a future supercontinent Amasia. **2014**, 56, 1051-1071	32
1301	Determination of Eocene□Oligocene (30□40 Ma) deformational time by zircon U□Pb SHRIMP dating from leucocratic rocks in the Ailao Shan□Red River shear zone, southeast Tibet, China. **2014**, 56, 74-87	2
1300	Rayleigh wave phase velocity tomography and strong earthquake activity on the southeastern front of the Tibetan Plateau. **2014**, 57, 2532-2542	15
1299	Detrital zircon U-Pb-He double dating: A method of quantifying long- and short-term exhumation rates in collisional orogens. **2014**, 57, 2702-2711	3
1298	Geochemical processes and origin of boron isotopes in geothermal water in the Yunnan-Tibet geothermal zone. **2014**, 57, 2934-2944	17
1297	Shear-velocity structure, radial anisotropy and dynamics of the Tibetan crust. **2014**, 199, 1395-1415	36
1296	Cenozoic Evolution of Sediments and Climate Change and Response to Tectonic Uplift of the Northeastern Tibetan Plateau. **2014**, 88, 949-962	7
1295	An implantable instrument for studying the long-term flight biology of migratory birds. **2014**, 85, 014301	10
1294	Crustal Velocity Structure of the Northeastern Tibetan Plateau from Ambient Noise Surface-Wave Tomography and Its Tectonic Implications. **2014**, 104, 1045-1055	10
1293	Zircon xenocrysts in Tibetan ultrapotassic magmas: Imaging the deep crust through time. **2014**, 42, 43-46	71
1292	Zircon U□Pb geochronology, geochemical and Sr□Nd□Hf isotopic compositions of the Triassic granite and diorite dikes from the Wulonggou mining area in the Eastern Kunlun Orogen, NW China: Petrogenesis and tectonic implications. **2014**, 205, 266-283	76
1291	Southern Tibetan Oligocene□Miocene adakites: A record of Indian slab tearing. **2014**, 210-211, 209-223	49

1290	Imaging the lithosphere beneath NE Tibet: teleseismic P and S body wave tomography incorporating surface wave starting models. **2014**, 196, 1724-1741	25
1289	Rates and style of Cenozoic deformation around the Gonghe Basin, northeastern Tibetan Plateau. **2014**, 10, 1255-1282	26
1288	The Deformation Features of Crustal Structure Beneath the East Tibetan Margin and Neighboring Areas. **2014**, 501-504, 1520-1523	
1287	Crustal and uppermost mantle structure beneath western Tibet using seismic traveltime tomography. **2014**, 15, 434-452	23
1286	The distribution of the mid-to-lower crustal low-velocity zone beneath the northeastern Tibetan Plateau revealed from ambient noise tomography. **2014**, 119, 1954-1970	75
1285	Multisystem dating of modern river detritus from Tajikistan and China: Implications for crustal evolution and exhumation of the Pamir. **2014**, 6, 443-455	30
1284	Pyroxenite Dykes in Orogenic Peridotite from North Qaidam (NE Tibet, China) Track Metasomatism and Segregation in the Mantle Wedge. **2014**, 55, 2347-2376	32
1283	A unified map of Moho depth and Vp/Vs ratio of continental China by receiver function analysis. **2014**, 199, 1910-1918	81
1282	Partially melted, mica-bearing crust in Central Tibet. **2014**, 33, 1408-1424	74
1281	Origin of the Miocene porphyries and their mafic microgranular enclaves from Dabu porphyry Cu□Mo deposit, southern Tibet: implications for magma mixing/mingling and mineralization. **2014**, 56, 571-595	26
1280	Petrology, geochemistry, and geological significance of the Nadong ocean island, Banggongco□Nujiang suture, Tibetan plateau. **2014**, 56, 915-928	38
1279	Joint inversion of surface waves and teleseismic body waves across the Tibetan collision zone: the fate of subducted Indian lithosphere. **2014**, 198, 1526-1542	33
1278	Transforming the Miocene Altyn Tagh fault slip into shortening of the north-western Qilian Shan: insights from the drainage basin geometry. **2014**, 26, 216-221	38
1277	Greater India's northern margin prior to its collision with Asia. **2014**, 26, 73-84	19
1276	Continental dynamics in a multi-convergent regime: a receiver function study from the North□South-Trending Tectonic Zone of China. **2014**, 56, 525-536	9
1275	Geochronology and Geochemistry of the Tinggong Porphyry Copper Ore Deposit, Tibet. **2014**, 88, 780-800	6
1274	The Petrology, Geochemistry, and Petrogenesis of E-MORB-type Mafic Rocks from the Guomangco Ophiolitic M□lange, Tibet. **2014**, 88, 1437-1453	6
1273	Differential tectonic movements in the confluence area of the Huang Shui and Huang He rivers (Yellow River), NE Tibetan Plateau, as inferred from fluvial terrace positions. **2014**, 43, 469-484	18

1272	Subduction of the Bangong–Nujiang Ocean: constraints from granites in the Bangong Co area, Tibet. **2014**, 49, 188-206	112
1271	Clay Mineralogy and its Paleoclimatic Significance of the Oligocene-Miocene Sediments in the Gerze Basin, Tibet. **2014**, 88, 1579-1591	4
1270	Cenozoic tectonic and sedimentary evolution of southern Qaidam Basin, NE Tibetan Plateau and its implication for the rejuvenation of Eastern Kunlun Mountains. **2014**, 57, 2726-2739	23
1269	Miocene burial and exhumation of the India-Asia collision zone in southern Tibet: Response to slab dynamics and erosion. **2014**, 42, 443-446	57
1268	Geochemistry of Hosting Diorite Porphyry in Lannitang Porphyry Cu Deposit in Northwestern Yunnan Province, China. **2014**, 88, 513-514	
1267	Fluid Inclusion Study of Pegmatite in Zhaxikang Pb-Zn-Sb Polymetallic Deposit, Tibet, China. **2014**, 88, 1183-1185	
1266	Mesozoic-Cenozoic Multi-Stage Intraplate Deformation Events in the Langshan Region and their Tectonic Implications. **2014**, 88, 78-102	23
1265	Rb-Sr and Sm-Nd Isochron Ages of the Dongmozhazhua and Mohailaheng Pb-Zn Ore Deposits in the Yushu area, southern Qinghai and Their Geological Implications. **2014**, 88, 558-569	13
1264	Geochronology, Geochemistry and Tectonic Setting of the Bairiqiete Granodiorite Intrusion (Rock Mass) from the Buqingshan Tectonic Mélange Belt in the Southern Margin of East Kunlun. **2014**, 88, 584-597	19
1263	Cenozoic Environmental Changes in the Northern Qaidam Basin Inferred from n-alkane Records. **2014**, 88, 1547-1555	16
1262	Late Cretaceous magmatism in Mamba area, central Lhasa subterrane: Products of back-arc extension of Neo-Tethyan Ocean?. **2014**, 26, 505-520	44
1261	Isostatic gravity anomaly, lithospheric scale density structure of the northern Tibetan plateau and geodynamic causes for potassic lava eruption in Neogene. **2014**, 628, 218-227	14
1260	The Emeishan large igneous province: A synthesis. **2014**, 5, 369-394	202
1259	Transition from oceanic to continental lithosphere subduction in southern Tibet: Evidence from the Late Cretaceous–Early Oligocene (~91–50Ma) intrusive rocks in the Chanang–Zedong area, southern Gangdese. **2014**, 196-197, 213-231	85
1258	Deciphering the origin of the Tengchong block, west Yunnan: Evidence from detrital zircon U–Pb ages and Hf isotopes of Carboniferous strata. **2014**, 614, 66-77	27
1257	Geochronology, geochemistry, and zircon Hf isotopic compositions of Mesozoic intermediate–felsic intrusions in central Tibet: Petrogenetic and tectonic implications. **2014**, 198-199, 77-91	167
1256	Crustal structure across the Kunlun fault from passive source seismic profiling in East Tibet. **2014**, 627, 98-107	28
1255	Generation and emplacement of Triassic granitoids within the Songpan Ganze accretionary-orogenic wedge in a context of slab retreat accommodated by tear faulting, Eastern Tibetan plateau, China. **2014**, 88, 192-216	68

1254	Moho depth, seismicity and seismogenic structure in China mainland. **2014**, 627, 108-121	27
1253	Cenozoic clockwise rotation of the Tengchong block, southeastern Tibetan Plateau: A paleomagnetic and geochronologic study. **2014**, 628, 105-122	32
1252	Zircon U–Pb–Hf isotopes and whole-rock geochemistry of gneissic granites from the Jitang complex in Leiwuqi area, eastern Tibet, China: Record of the closure of the Paleo-Tethys Ocean. **2014**, 623, 83-99	36
1251	Structural geometry of the source region for the 2013 Mw 6.6 Lushan earthquake: Implication for earthquake hazard assessment along the Longmen Shan. **2014**, 390, 275-286	73
1250	Geochronology of the Baye Mn oxide deposit, southern Yunnan Plateau: Implications for the late Miocene to Pleistocene paleoclimatic conditions and topographic evolution. **2014**, 139, 227-247	14
1249	Mixed carbonate-clastic facies in the Eocene Kalatar Formation of the southwest Tarim Basin (NW China): tectonic and climatic controls. **2014**, 60, 111-131	9
1248	Phanerozoic continental growth and gold metallogeny of Asia. **2014**, 25, 48-102	371
1247	Evidence of lateral asthenosphere flow beneath the South China craton driven by both Pacific plate subduction and the India–Eurasia continental collision. **2014**, 26, 55-63	12
1246	Crustal structure of northeastern margin of the Tibetan Plateau by receiver function inversion. **2014**, 57, 741-750	9
1245	Upper crustal structure under Jingtai–Hezuo profile in Northeastern Tibet from topography-dependent eikonal traveltime tomography. **2014**, 27, 137-148	
1244	Evolution of the monsoon and dry climate in East Asia during late Cenozoic: A review. **2014**, 57, 70-79	81
1243	Late Permian–Early Middle Triassic back-arc basin development in West Qinling, China. **2014**, 87, 116-129	36
1242	Zedong terrane revisited: An intra-oceanic arc within Neo-Tethys or a part of the Asian active continental margin?. **2014**, 80, 34-55	62
1241	Cenozoic paleo-environmental evolution of the Pamir–Tien Shan convergence zone. **2014**, 80, 84-100	39
1240	Distribution of porphyry deposits in the Eurasian continent and their corresponding tectonic settings. **2014**, 79, 576-584	169
1239	U–Pb and Re–Os geochronological evidence for the Jurassic porphyry metallogenic event of the Xiongcun district in the Gangdese porphyry copper belt, southern Tibet, PRC. **2014**, 79, 608-622	79
1238	Geochronology of the Hongniu-Hongshan porphyry and skarn Cu deposit, northwestern Yunnan province, China: Implications for mineralization of the Zhongdian arc. **2014**, 79, 682-695	27
1237	Thermal-tectonic history of the Baogutu porphyry Cu deposit, West Junggar as constrained from zircon U–Pb, biotite Ar/Ar and zircon/apatite (U–Th)/He dating. **2014**, 79, 741-758	44

1236	Multiple mineralization events at the Jiru porphyry copper deposit, southern Tibet: Implications for Eocene and Miocene magma sources and resource potential. **2014**, 79, 842-857		74
1235	Origin of the ore-forming fluids of the Tongchang porphyry Cu–Mo deposit in the Jinshajiang–Red River alkaline igneous belt, SW China: Constraints from He, Ar and S isotopes. **2014**, 79, 884-894		19
1234	Four billion years of ophiolites reveal secular trends in oceanic crust formation. **2014**, 5, 571-603		132
1233	Postcollisional potassic and ultrapotassic rocks in southern Tibet: Mantle and crustal origins in response to India–Asia collision and convergence. **2014**, 143, 207-231		138
1232	Palynological evidence for the latest Oligocene–Early Miocene paleoelevation estimate in the Lunpola Basin, central Tibet. **2014**, 399, 21-30		92
1231	Upper mantle seismic anisotropy beneath a convergent boundary: SKS waveform modeling in central Tibet. **2014**, 57, 759-776		3
1230	Extent of underthrusting of the Indian plate beneath Tibet controlled the distribution of Miocene porphyry Cu–Mo ± Au deposits. **2014**, 49, 165-173		53
1229	Geomorphometric features of the alluvial fans around the Chaka-Qinghai Lake in the northeastern Tibetan Plateau. **2014**, 25, 109-116		2
1228	The Andean-type Gangdese Mountains: Paleoelevation record from the Paleocene–Eocene Linzhou Basin. **2014**, 392, 250-264		238
1227	Nature and timing of Quaternary glaciation in the Himalayan–Tibetan orogen. **2014**, 88, 14-54		173
1226	Linking Tarim Basin sea retreat (west China) and Asian aridification in the late Eocene. **2014**, 26, 621-640		84
1225	Interaction of geomorphological processes on the north-eastern Tibetan Plateau during the Holocene, an example from a sub-catchment of Lake Donggi Cona. **2014**, 210, 23-35		28
1224	Himalayan Metamorphism and Its Tectonic Implications. *Annual Review of Earth and Planetary Sciences*, **2014**, 42, 381-419	15.3	165
1223	Oligocene clockwise rotations along the eastern Pamir: Tectonic and paleogeographic implications. **2014**, 33, 53-66		28
1222	Clockwise rotation of the Baoshan Block due to southeastward tectonic escape of Tibetan crust since the Oligocene. **2014**, 197, 149-163		24
1221	Analysis of stream sediment data for exploring the Zhunuo porphyry Cu deposit, southern Tibet. **2014**, 143, 19-30		34
1220	Tectonics and Topography of the Tibetan Plateau in Early Miocene. **2014**, 88, 410-424		11
1219	Tectonic and Environmental Evolutions of the Northern Tibetan Plateau Prior to the Collision of India with Asia. **2014**, 88, 425-443		11

1218	On the Geodynamic Mechanism of Episodic Uplift of the Tibetan Plateau during the Cenozoic Era. **2014**, 88, 699-716	6
1217	Tracking basement cross-strike discontinuities in the Indian crust beneath the Himalayan orogen using gravity data □relationship to upper crustal faults. **2014**, 198, 198-215	71
1216	Pressure-temperature Evolution of the Metapelites in the Motuo Area, the Eastern Himalayan Syntaxis. **2014**, 88, 544-557	
1215	Geochronology and geochemistry of the Sangri Group Volcanic Rocks, Southern Lhasa Terrane: Implications for the early subduction history of the Neo-Tethys and Gangdese Magmatic Arc. **2014**, 200-201, 157-168	146
1214	Petrology, geochemistry and geochronology of gabbros from the Zhongcang ophiolitic m□lange, central Tibet: Implications for an intra-oceanic subduction zone within the Neo-Tethys Ocean. **2014**, 25, 224-240	36
1213	Geochronology and geochemistry of Late Cretaceous igneous intrusions and Mo□u□(W) mineralization in the southern Yidun Arc, SW China: Implications for metallogenesis and geodynamic setting. **2014**, 61, 73-95	69
1212	Miocene post-collisional shoshonites and their crustal xenoliths, Yarlung Zangbo Suture Zone southern Tibet: Geodynamic implications. **2014**, 25, 1263-1271	26
1211	Middle Miocene to earliest Pliocene sedimentological and geochemical records of climate change in the western Qaidam Basin on the NE Tibetan Plateau. **2014**, 395, 67-76	51
1210	Mesozoic □Cenozoic tectonic evolution of southwestern Tian Shan: Evidence from detrital zircon U/Pb and apatite fission track ages of the Ulugqat area, Northwest China. **2014**, 26, 986-1008	54
1209	Exhumation history and faulting activity of the southern segment of the Longmen Shan, eastern Tibet. **2014**, 81, 91-104	30
1208	Geochronology, petrogenesis and tectonic significance of the Jitang granitic pluton in eastern Tibet, SW China. **2014**, 184-187, 314-323	36
1207	Petrogenesis of Cretaceous adakite-like intrusions of the Gangdese Plutonic Belt, southern Tibet: Implications for mid-ocean ridge subduction and crustal growth. **2014**, 190-191, 240-263	68
1206	The fault-controlled skarn W□Mo polymetallic mineralization during the main India□Eurasia collision: Example from Hahaigang deposit of Gangdese metallogenic belt of Tibet. **2014**, 58, 27-40	25
1205	Reworking of old continental lithosphere: an important crustal evolution mechanism in orogenic belts, as evidenced by Triassic I-type granitoids in the East Kunlun orogen, Northern Tibetan Plateau. **2014**, 171, 847-863	74
1204	The Moho beneath western Tibet: Shear zones and eclogitization in the lower crust. **2014**, 408, 370-377	49
1203	Crustal structure and Moho geometry of the northeastern Tibetan plateau as revealed by SinoProbe-02 deep seismic-reflection profiling. **2014**, 636, 32-39	17
1202	Picritic porphyrites and associated basalts from the remnant Comei Large Igneous Province in SE Tibet: records of mantle-plume activity. **2014**, 26, 487-494	15
1201	The Gangdese magmatic constraints on a latest Cretaceous lithospheric delamination of the Lhasa terrane, southern Tibet. **2014**, 210-211, 168-180	65

1200	Tectonic activity and structural features of active intracontinental normal faults in the Weihe Graben, central China. **2014**, 636, 270-285	48
1199	Structure and tectonic geomorphology of the Qujiang fault at the intersection of the Ailao Shan–Red River fault and the Xianshuihe–Xiaojiang fault system, China. **2014**, 634, 156-170	18
1198	A thermochronological perspective on the morphotectonic evolution of the southeastern Tibetan Plateau. **2014**, 119, 676-698	62
1197	Geochemical and Sr–Nd–Pb–O isotopic compositions of Miocene ultrapotassic rocks in southern Tibet: Petrogenesis and implications for the regional tectonic history. **2014**, 208-209, 237-250	30
1196	Opening of the Longmu Co–Shuanghu–Lancangjiang ocean: constraints from plagiogranites. **2014**, 59, 3188-3199	43
1195	The crust structures and the connection of the Songpan block and West Qinling orogen revealed by the Hezuo-Tangke deep seismic reflection profiling. **2014**, 634, 227-236	14
1194	Seismic structure of the Longmenshan area in SW China inferred from receiver function analysis: Implications for future large earthquakes. **2014**, 96, 226-236	8
1193	Provenance of the upper Miocene–Pliocene Red Clay deposits of the Chinese loess plateau. **2014**, 407, 35-47	75
1192	The crustal thickness of NE Tibet and its implication for crustal shortening. **2014**, 634, 198-207	29
1191	Graphite reaction weakening of fault rocks, and uplift of the Annapurna Himal, central Nepal. **2014**, 10, 720-731	7
1190	Building the Hindu Kush: monazite records of terrane accretion, plutonism and the evolution of the Himalaya–Karakoram–Tibet orogen. **2014**, 26, 395-401	21
1189	Phylogeography of Cephalotaxus oliveri (Cephalotaxaceae) in relation to habitat heterogeneity, physical barriers and the uplift of the Yungui Plateau. **2014**, 80, 205-16	17
1188	Silurian high-pressure granulites from Central Qiangtang, Tibet: Constraints on early Paleozoic collision along the northeastern margin of Gondwana. **2014**, 405, 39-51	61
1187	Differential exhumation and cooling history of North Qaidam UHP metamorphic rocks, NW China: Constraints from zircon and rutile thermometry and U–Pb geochronology. **2014**, 205, 15-27	28
1186	Mantle transition zone structure beneath India and Western China from migration of PP and SS precursors. **2014**, 197, 396-413	19
1185	Formation of gabbronorites in the Purang ophiolite (SW Tibet) through melting of hydrothermally altered mantle along a detachment fault. **2014**, 205, 127-141	56
1184	A mafic intrusion of "arc affinity" in a post-orogenic extensional setting: A case study from Ganluogou gabbro in the northern Yidun Arc Belt, eastern Tibetan Plateau. **2014**, 94, 139-156	14
1183	Eocene supra-subduction zone mafic magmatism in the Sibumasu Block of SW Yunnan: Implications for Neotethyan subduction and India–Asia collision. **2014**, 206-207, 384-399	36

1182	Petrology, geochemistry, and geochronology of the Zhonggang ocean island, northern Tibet: implications for the evolution of the Banggongco–Nujiang oceanic arm of the Neo-Tethys. **2014**, 56, 1504-1520	96
1181	I-type granitoids in the eastern Yangtze Block: implications for the Early Paleozoic intracontinental orogeny in South China. **2014**, 206-207, 34-51	49
1180	Northward channel flow in northern Tibet revealed from 3D magnetotelluric modelling. **2014**, 235, 13-24	18
1179	Paleomagnetism of Eocene and Miocene sediments from the Qaidam basin: Implication for no integral rotation since the Eocene and a rigid Qaidam block. **2014**, 15, 2109-2127	36
1178	Structural model of the lithosphere–asthenosphere system beneath the Qinghai–Tibet Plateau and its adjacent areas. **2014**, 634, 208-226	31
1177	Earthquake source characteristics along the arcuate Himalayan belt: Geodynamic implications. **2014**, 123, 1013-1030	10
1176	A 3D shear-wave velocity model of the upper mantle beneath China and the surrounding areas. **2014**, 633, 193-210	32
1175	Petrogenesis of Late Cretaceous I-type granites in the southern Yidun Terrane: New constraints on the Late Mesozoic tectonic evolution of the eastern Tibetan Plateau. **2014**, 208-209, 202-219	59
1174	Petrogenesis of the Ramba leucogranite in the Tethyan Himalaya and constraints on the channel flow model. **2014**, 208-209, 118-136	98
1173	Early Jurassic anoxic conditions and organic accumulation in the eastern Tethys. **2014**, 56, 1450-1465	27
1172	Aridification of the Sahara desert caused by Tethys Sea shrinkage during the Late Miocene. **2014**, 513, 401-4	153
1171	YBCs sanidine: A new standard for 40Ar/39Ar dating. **2014**, 388, 87-97	13
1170	Cassiterite LA-MC-ICP-MS U/Pb and muscovite 40Ar/39Ar dating of tin deposits in the Tengchong-Lianghe tin district, NW Yunnan, China. **2014**, 49, 843-860	54
1169	Partitioning of convergence in Northwest Sub-Himalaya: estimation of late Quaternary uplift and convergence rates across the Kangra reentrant, North India. **2014**, 103, 1037-1056	50
1168	Transition from continental collision to tectonic escape? A geophysical perspective on lateral expansion of the northern Tibetan Plateau. **2014**, 66,	5
1167	Genetic diversity, demographical history and conservation aspects of the endangered yew tree Taxus contorta (syn. Taxus fuana) in Pakistan. **2014**, 10, 653-665	19
1166	Cosmogenic nuclide burial age of the Sanying Formation and its implications. **2014**, 57, 1141-1149	6
1165	Crustal growth and tectonic evolution of the Tianshan orogenic belt, NW China: A receiver function analysis. **2014**, 75, 41-52	12

1164	Tectonostratigraphy, deformation, and metamorphism of the Himalayan mid-crust exposed in the Likhu Khola region, east-central Nepal. **2014**, 10, 292-307	16
1163	Penetration of mid-crustal low velocity zone across the Kunlun Fault in the NE Tibetan Plateau revealed by ambient noise tomography. **2014**, 406, 81-92	55
1162	Miocene sedimentary environment and climate change in the northwestern Qaidam basin, northeastern Tibetan Plateau: Facies, biomarker and stable isotopic evidences. **2014**, 414, 320-331	26
1161	Electromagnetic signatures of collision zones in India. **2014**, 48, 327-345	1
1160	Northward subduction of Bangong–Nujiang Tethys: Insight from Late Jurassic intrusive rocks from Bangong Tso in western Tibet. **2014**, 205, 284-297	117
1159	Geology and origin of the post-collisional Narigongma porphyry Cu–Mo deposit, southern Qinghai, Tibet. **2014**, 26, 536-556	45
1158	Paleocene-Eocene foreland basin evolution in the Himalaya of southern Tibet and Nepal: Implications for the age of initial India-Asia collision. **2014**, 33, 824-849	286
1157	Physical state of Himalayan crust and uppermost mantle: Constraints from seismic attenuation and velocity tomography. **2014**, 119, 567-580	33
1156	Origin of the ca. 90Ma magnesia-rich volcanic rocks in SE Nyima, central Tibet: Products of lithospheric delamination beneath the Lhasa-Qiangtang collision zone. **2014**, 198-199, 24-37	89
1155	Microscale sulfur isotopic compositions of sulfide minerals from the Jinding Zn–Pb deposit, Yunnan Province, Southwest China. **2014**, 26, 594-607	33
1154	Provenance of Late Triassic sediments in central Lhasa terrane, Tibet and its implication. **2014**, 25, 1680-1689	57
1153	How many sutures in the southern Central Asian Orogenic Belt: Insights from East Xinjiang–West Gansu (NW China)?. **2014**, 5, 525-536	127
1152	Magmatic evolution of the Western Myanmar Arc documented by U–Pb and Hf isotopes in detrital zircon. **2014**, 612-613, 97-105	68
1151	Timing and climatic drivers for glaciation across monsoon-influenced regions of the Himalayan–Tibetan orogen. **2014**, 88, 159-182	95
1150	Tectonic inheritance of the Indian Shield: New insights from its elastic thickness structure. **2014**, 615-616, 40-52	17
1149	Continental transforms: A view from the Alpine Fault. **2014**, 64, 3-31	63
1148	Fluxed melting of metapelite and the formation of Miocene high-CaO two-mica granites in the Malashan gneiss dome, southern Tibet. **2014**, 130, 136-155	80
1147	Geophysical constraints on the link between cratonization and orogeny: Evidence from the Tibetan Plateau and the North China Craton. **2014**, 130, 1-48	33

1146	Interstation Pg and Sg differential traveltime tomography in the northeastern margin of the Tibetan plateau: Implications for spatial extent of crustal flow and segmentation of the Longmenshan fault zone. **2014**, 227, 30-40	13
1145	Biomarkers of Middle to Late Jurassic marine sediments from a canonical section: New records from the Yanshiping area, northern Tibet. **2014**, 51, 256-267	10
1144	Upper mantle deformation beneath central-southern Tibet revealed by shear wave splitting measurements. **2014**, 627, 135-140	17
1143	Collision-related genesis of the Sharang porphyry molybdenum deposit, Tibet: Evidence from zircon U–Pb ages, Re–Os ages and Lu–Hf isotopes. **2014**, 56, 312-326	65
1142	Timing, cause and impact of the late Eocene stepwise sea retreat from the Tarim Basin (west China). **2014**, 403, 101-118	92
1141	Partitioning of the Cretaceous Pan-Yangtze Basin in the central South China Block by exhumation of the Xuefeng Mountains during a transition from extensional to compressional tectonics?. **2014**, 25, 1644-1659	37
1140	Lg attenuation in the central and eastern United States as revealed by the EarthScope Transportable Array. **2014**, 402, 187-196	24
1139	Metamorphism and tectonic evolution of the Lhasa terrane, Central Tibet. **2014**, 25, 170-189	175
1138	Lead isotope variability of fine-grained river sediments in Tibetan Plateau water catchments: Implications for geochemical provinces and crustal evolution. **2014**, 190-191, 13-26	5
1137	Thermal characteristics of the Main Himalaya Thrust and the Indian lower crust with implications for crustal rheology and partial melting in the Himalaya orogen. **2014**, 395, 116-123	28
1136	Origin and pre-Cenozoic evolution of the south Qiangtang basement, Central Tibet. **2014**, 623, 52-66	47
1135	Petrogenesis of the Early Eocene adakitic rocks in the Napuri area, southern Lhasa: Partial melting of thickened lower crust during slab break-off and implications for crustal thickening in southern Tibet. **2014**, 196-197, 321-338	53
1134	Origin of marginal basins of the NW Pacific and their plate tectonic reconstructions. **2014**, 130, 154-196	70
1133	U–Pb zircon chronology, geochemical and Sr–Nd isotopic composition of Mesozoic–Cenozoic granitoids in the SE Lhasa terrane: Petrogenesis and tectonic implications. **2014**, 192-195, 142-157	20
1132	Metagabbros of the Gangdese arc root, south Tibet: Implications for the growth of continental crust. **2014**, 143, 268-284	65
1131	Age and geochemistry of western Hoh-Xil–Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean. **2014**, 190-191, 328-348	73
1130	Petrogenesis of the Late Triassic volcanic rocks in the Southern Yidun arc, SW China: Constraints from the geochronology, geochemistry, and Sr–Nd–Pb–Hf isotopes. **2014**, 190-191, 363-382	62
1129	Polyphase exhumation in the western Qinling Mountains, China: Rapid Early Cretaceous cooling along a lithospheric-scale tear fault and pulsed Cenozoic uplift. **2014**, 617, 31-43	35

1128	Crustal thickness map of the Chinese mainland from teleseismic receiver functions. **2014**, 611, 51-60	125
1127	Crustal shortening during the Paleoproterozoic: Can it be accommodated by paleomagnetic data?. **2014**, 244, 42-52	3
1126	Outward-growth of the Tibetan Plateau during the Cenozoic: A review. **2014**, 621, 1-43	304
1125	The carbonated source region of Cenozoic mafic and ultra-mafic lavas from western Qinling: Implications for eastern mantle extrusion in the northeastern margin of the Tibetan Plateau. **2014**, 25, 1501-1516	15
1124	Petrogenesis of the early Eocene I-type granites in west Yingjiang (SW Yunnan) and its implication for the eastern extension of the Gangdese batholiths. **2014**, 25, 401-419	68
1123	Strange attractors, spiritual interlopers and lonely wanderers: The search for pre-Pangean supercontinents. **2014**, 5, 155-166	102
1122	Geochemical constraints on the petrogenesis of granitoids in the East Kunlun Orogenic belt, northern Tibetan Plateau: Implications for continental crust growth through syn-collisional felsic magmatism. **2014**, 370, 1-18	149
1121	The organic geochemistry of the Eocene–Oligocene black shales from the Lunpola Basin, central Tibet. **2014**, 79, 468-476	31
1120	Slab breakoff triggered ca. 113Ma magmatism around Xainza area of the Lhasa Terrane, Tibet. **2014**, 26, 449-463	120
1119	Nature and evolution of the Neo-Tethys in central Tibet: synthesis of ophiolitic petrology, geochemistry, and geochronology. **2014**, 56, 1072-1096	57
1118	Gas potential of Proterozoic and Phanerozoic shales from the NW Himalaya, India: Inferences from pyrolysis. **2014**, 128-129, 81-95	29
1117	Geochemical and geochronologic constraints for Paleozoic magmatism related to the orogenic collapse in the Qimantagh–South Altyn region, northwestern China. **2014**, 202-203, 1-20	50
1116	Cenozoic tectono-magmatic and metallogenic processes in the Sanjiang region, southwestern China. **2014**, 138, 268-299	365
1115	Cenozoic record of aeolian sediment accumulation and aridification from Lanzhou, China, driven by Tibetan Plateau uplift and global climate. **2014**, 120, 1-15	46
1114	Northward growth of the Qimen Tagh Range: A new model accounting for the Late Neogene strike-slip deformation of the SW Qaidam Basin. **2014**, 632, 32-47	69
1113	Late Paleozoic intrusive rocks from the southeastern Lhasa terrane, Tibetan Plateau, and their Late Mesozoic metamorphism and tectonic implications. **2014**, 198-199, 249-262	32
1112	An environmental gradient of vegetative controls upon channel planform in the source region of the Yangtze and Yellow Rivers. **2014**, 119, 143-153	42
1111	Mesozoic cooling history of the Bachu Uplift in the Tarim Basin, China: Constraints from zircon fission-track thermochronology. **2014**, 67, 5-14	12

1110	P-wave tomography and dynamics of the crust and upper mantle beneath western Tibet. **2014**, 25, 1690-1699	34
1109	Geochronology and geochemical characteristics of Late Triassic porphyritic rocks from the Zhongdian arc, eastern Tibet, and their tectonic and metallogenic implications. **2014**, 26, 492-504	53
1108	Early Jurassic high-pressure metamorphism of the Amdo terrane, Tibet: Constraints from zircon UPb geochronology of mafic granulites. **2014**, 26, 975-985	61
1107	Tin metallogenesis associated with granitoids in the southwestern Sanjiang Tethyan Domain: Nature, deposit types, and tectonic setting. **2014**, 26, 576-593	95
1106	Neoproterozoic sequences along the DexingHuangshan fault zone in the eastern Jiangnan orogen, South China: Geochronological and geochemical constrains. **2014**, 25, 368-382	48
1105	Anisotropic Rayleigh wave phase velocity maps of eastern China. **2014**, 119, 4802-4820	24
1104	Ophiolitic mlanges in crustal-scale fault zones: Implications for the Late Palaeozoic tectonic evolution in West Junggar, China. **2014**, 33, 2419-2443	50
1103	Integrated geophysical-petrological modeling of lithosphere-asthenosphere boundary in central Tibet using electromagnetic and seismic data. **2014**, 15, 3965-3988	33
1102	Antigorite-induced seismic anisotropy and implications for deformation in subduction zones and the Tibetan Plateau. **2014**, 119, 2068-2099	27
1101	Pn anisotropic tomography and dynamics under eastern Tibetan plateau. **2014**, 119, 2174-2198	67
1100	Paleomagnetism and U-Pb zircon geochronology of Lower Cretaceous lava flows from the western Lhasa terrane: New constraints on the India-Asia collision process and intracontinental deformation within Asia. **2014**, 119, 7404-7424	61
1099	Postorogenic rigid behavior of the eastern Songpan-Ganze terrane: Insights from low-temperature thermochronology and implications for intracontinental deformation in central Asia. **2014**, 15, 453-474	23
1098	A Cretaceous-Eocene depositional age for the Fenghuoshan Group, Hoh Xil Basin: Implications for the tectonic evolution of the northern Tibet Plateau. **2014**, 33, 281-301	47
1097	New paleomagnetic data confirm a dual-collision process in the Himalayas. **2015**, 2, 395-396	5
1096	Deposystem architectures and lithofacies of a submarine fan-dominated deep sea succession in an orogen: A case study from the Upper Triassic Langjiexue Group of southern Tibet. **2015**, 111, 222-243	24
1095	Longriba fault zone in eastern Tibet: An important tectonic boundary marking the westernmost edge of the Yangtze block. **2015**, 34, 970-985	16
1094	Paleocene-Early Eocene uplift of the Altyn Tagh Mountain: Evidence from detrital zircon fission track analysis and seismic sections in the northwestern Qaidam basin. **2015**, 120, 8534-8550	29
1093	Chemical weathering and long-term CO2 consumption in the Ayeyarwady and Mekong river basins in the Himalayas. **2015**, 120, 1165-1175	7

1092	The ups and downs of North America: Evaluating the role of mantle dynamic topography since the Mesozoic. **2015**, 53, 1022-1049	54
1091	Jurassic tectonostratigraphic evolution of the Junggar basin, NW China: A record of Mesozoic intraplate deformation in Central Asia. **2015**, 34, 86-115	49
1090	Magmatic record of India-Asia collision. **2015**, 5, 14289	212
1089	Eastern termination of the Altyn Tagh Fault, western China: Constraints from a magnetotelluric survey. **2015**, 120, 2838-2858	27
1088	The crustal structure of the western Himalayas and Tibet. **2015**, 120, 3946-3964	41
1087	Tectonic interactions between India and Arabia since the Jurassic reconstructed from marine geophysics, ophiolite geology, and seismic tomography. **2015**, 34, 875-906	72
1086	Age and structure of the Shyok suture in the Ladakh region of northwestern India: Implications for slip on the Karakoram fault system. **2015**, 34, 2011-2033	45
1085	Vertical coherence of deformation in lithosphere in the eastern Himalayan syntaxis using GPS, Quaternary fault slip rates, and shear wave splitting data. **2015**, 42, 5813-5819	27
1084	A quasi-linear structure of the southern margin of Eurasia prior to the India-Asia collision: First paleomagnetic constraints from Upper Cretaceous volcanic rocks near the western syntaxis of Tibet. **2015**, 34, 1431-1451	28
1083	Late JurassicEarly Cretaceous continental convergence and intracontinental orogenesis in East Asia: A synthesis of the Yanshan Revolution. **2015**, 114, 750-770	126
1082	Lg attenuation tomographic models of Himalaya and southern Tibet. **2015**, 664, 176-181	13
1081	Mid-Cretaceous rudists (Bivalvia: Hippuritida) from the Langshan Formation, Lhasa block, Tibet. **2015**, 1, 401-424	21
1080	Fission Track Thermochronology Evidence for the Cretaceous and Paleogene Tectonic Event of Nyainrong Microcontinent, Tibet. **2015**, 89, 133-144	8
1079	Lateral extrusion along the Altyn Tagh Fault, Qilian Shan (NE Tibet): insight from a 3D crustal budget. **2015**, 27, 416-425	58
1078	Sedimentology, provenance and geochronology of the upper CretaceousLower Eocene western Xigaze forearc basin, southern Tibet. **2015**, 27, 387-411	98
1077	Petrogenesis of diabase from accretionary prism in the southern Qiangtang terrane, central Tibet: Evidence from UPb geochronology, petrochemistry and SrNdHfO isotope characteristics. **2015**, 24, 232-244	6
1076	Distinct impacts of the Mongolian and Tibetan Plateaus on the evolution of the East Asian monsoon. **2015**, 120, 4764-4782	42
1075	Late Cretaceous back-arc extension and arc system evolution in the Gangdese area, southern Tibet: Geochronological, petrological, and Sr-Nd-Hf-O isotopic evidence from Dagze diabases. **2015**, 120, 6159-6181	50

1074	Apatite Fission Track Evidence of Uplift Cooling in the Qiangtang Basin and Constraints on the Tibetan Plateau Uplift. **2015**, 89, 467-484	22
1073	Age and Origin of Paleogene Granitoids from Western Yunnan Province, China: Geochemistry, SHRIMP Zircon Ages, and Hf-in-Zircon Isotopic Compositions. **2015**, 89, 1601-1615	4
1072	Age of the Purported Zhanjin Formation in Gʻzʻ County, Tibet: A New Understanding and Its Significance. **2015**, 89, 1673-1689	5
1071	The Cenozoic biogeographical evolution of woody angiosperms inferred from fossil distributions. **2015**, 24, 1290-1301	15
1070	Crustal structures across the western Weihe Graben, North China: Implications for extrusion tectonics at the northeast margin of Tibetan Plateau. **2015**, 120, 5070-5081	12
1069	The Impact of the Linked Factors of Provenance, Tectonics and Climate on Potash Formation: An Example from the Potash Deposits of Lop Nur Depression in Tarim Basin, Xinjiang, Western China. **2015**, 89, 2030-2047	7
1068	Active Tectonics Revealed by River Profiles along the Puqu Fault. **2015**, 7, 1628-1648	5
1067	Tectonic evolution and high-pressure rock exhumation in the Qiangtang terrane, central Tibet. **2015**, 6, 457-473	19
1066	Palaeoproterozoic magmatic–metamorphic history of the Quanji Massif, Northwest China: implications for a single North China-Quanji-Tarim craton within the Columbia supercontinent?. **2015**, 57, 1772-1790	25
1065	Magmatism during continental collision, subduction, exhumation and mountain collapse in collisional orogenic belts and continental net growth: A perspective. **2015**, 58, 1284-1304	63
1064	Petrology and geochemistry of greywackes of the ~1.6 Ga Middle Aravalli Supergroup, northwest India: evidence for active margin processes. **2015**, 57, 134-158	45
1063	Can a primary remanence be retrieved from partially remagnetized Eocence volcanic rocks in the Nanmulin Basin (southern Tibet) to date the India-Asia collision?. **2015**, 120, 42-66	32
1062	What was the Paleogene latitude of the Lhasa terrane? A reassessment of the geochronology and paleomagnetism of Linzizong volcanic rocks (Linzhou basin, Tibet). **2015**, 34, 594-622	36
1061	Paleomagnetic tests of tectonic reconstructions of the India-Asia collision zone. **2015**, 42, 2642-2649	40
1060	Mountain Building, Tectonic Evolution, Rheology, and Crustal Flow in the Himalaya, Karakoram, and Tibet. **2015**, 469-511	21
1059	East Asia Structure and Tectonics. **2015**, 185-213	
1058	Os–Nd–Sr isotopes in Miocene ultrapotassic rocks of southern Tibet: Partial melting of a pyroxenite-bearing lithospheric mantle?. **2015**, 163, 279-298	33
1057	Upper mantle anisotropy of the eastern Himalayan syntaxis and surrounding regions from shear wave splitting analysis. **2015**, 58, 1872-1882	14

1056	Cretaceous volcanic rocks in south Qiangtang Terrane: Products of northward subduction of the Bangong□Nujiang Ocean?. **2015**, 104, 69-83	56
1055	A review on out-of-sequence deformation in the Himalaya. **2015**, 412, 67-109	63
1054	Late Triassic island-arc□back-arc basin development along the Bangong□Nujiang suture zone (central Tibet): Geological, geochemical and chronological evidence from volcanic rocks. **2015**, 230, 30-45	50
1053	Late Triassic paleolatitude of the Qiangtang block: Implications for the closure of the Paleo-Tethys Ocean. **2015**, 424, 69-83	67
1052	Characteristics and transition mechanism of late Cenozoic structural deformation within the Niushoushan□Luoshan fault zone at the northeastern margin of the Tibetan Plateau. **2015**, 114, 73-88	13
1051	Multispherical interactions and their effects on the Tibetan Plateau's earth system: a review of the recent researches. **2015**, 2, 468-488	65
1050	Geological, fluid inclusion and isotopic studies of the Baiyangping Pb□Zn□Cu□Ag polymetallic deposit, Lanping basin, Yunnan province, China. **2015**, 111, 853-871	9
1049	Boron geochemistry from some typical Tibetan hydrothermal systems: Origin and isotopic fractionation. **2015**, 63, 436-445	17
1048	. **2015**, 8, 4581-4591	13
1047	Geodynamics and metallogeny of the eastern Tethyan metallogenic domain. **2015**, 70, 346-384	110
1046	Reworking of the Gangdese magmatic arc, southeastern Tibet: post-collisional metamorphism and anatexis. **2015**, 33, 1-21	38
1045	Fluid origin of fluorite-rich carbonate-hosted Pb□Zn mineralization of the Himalayan□Zagros collisional orogenic system: A case study of the Mohailaheng deposit, Tibetan Plateau, China. **2015**, 70, 546-561	17
1044	Lower Cretaceous Xigaze ophiolites formed in the Gangdese forearc: Evidence from paleomagnetism, sediment provenance, and stratigraphy. **2015**, 415, 142-153	76
1043	Multiscale Seismic Tomography. **2015**,	55
1042	Crustal thickening and uplift of the Tibetan Plateau inferred from receiver function analysis. **2015**, 99, 112-124	3
1041	Provenance of the Upper Cretaceous to Lower Tertiary Sedimentary Relicts in the Renbu Mélange Zone, within the Indus-Yarlung Suture Zone. **2015**, 123, 39-54	14
1040	Stable Drainage Pattern and Variable Exhumation in the Western Himalaya since the Middle Miocene. **2015**, 123, 1-20	15
1039	High-Mg Diorite from Qulong in Southern Tibet: Implications for the Genesis of Adakite-like Intrusions and Associated Porphyry Cu Deposits in Collisional Orogens. **2015**, 56, 227-254	131

1038	Extrusion vs. duplexing models of Himalayan mountain building 1: Discovery of the Pabbar thrust confirms duplex-dominated growth of the northwestern Indian Himalaya since Mid-Miocene. **2015**, 34, 313-333	22
1037	Early Ordovician granites from the South Qiangtang terrane, northern Tibet: Implications for the early Paleozoic tectonic evolution along the Gondwanan proto-Tethyan margin. **2015**, 220-223, 318-338	68
1036	A genetic linkage between subduction- and collision-related porphyry Cu deposits in continental collision zones. **2015**, 43, 247-250	245
1035	Triassic to Cenozoic multi-stage intra-plate deformation focused near the Bogd Fault system, Gobi Altai, Mongolia. **2015**, 6, 723-740	17
1034	Receiver function imaging of crustal suture, steep subduction, and mantle wedge in the eastern India–Tibet continental collision zone. **2015**, 414, 6-15	55
1033	Structure of the Central Altyn Tagh Fault revealed by magnetotelluric data: New insights into the structure of the northern margin of the India–Asia collision. **2015**, 415, 67-79	43
1032	Age and nature of the late Early Cretaceous Zhaga Formation, northern Tibet: constraints on when the Bangong–Nujiang Neo-Tethys Ocean closed. **2015**, 57, 342-353	59
1031	Mesozoic tectonics of the Gondwanan terranes of the Pamir plateau. **2015**, 102, 170-179	66
1030	A tectonic model reconciling evidence for the collisions between India, Eurasia and intra-oceanic arcs of the central-eastern Tethys. **2015**, 28, 451-492	128
1029	Two crustal low-velocity channels beneath SE Tibet revealed by joint inversion of Rayleigh wave dispersion and receiver functions. **2015**, 415, 16-24	132
1028	Climate-induced changes in sediment supply revealed by surface exposure dating of Sijiquan River terraces, northeastern Tibet. **2015**, 235, 15-26	5
1027	Late Triassic Batang Group arc volcanic rocks in the northeastern margin of Qiangtang terrane, northern Tibet: partial melting of juvenile crust and implications for Paleo-Tethys ocean subduction. **2015**, 104, 369-387	21
1026	The Chaqupacha Mississippi Valley-type Pb–Zn deposit, central Tibet: Ore formation in a fold and thrust belt of the India–Asia continental collision zone. **2015**, 70, 533-545	21
1025	A review of crust and upper mantle structure beneath the Indian subcontinent. **2015**, 644-645, 1-21	47
1024	Propagation of the deformation and growth of the Tibetan–Himalayan orogen: A review. **2015**, 143, 36-61	140
1023	Late Permian–Triassic siliciclastic provenance, palaeogeography, and crustal growth of the Songpan terrane, eastern Tibetan Plateau: evidence from U–Pb ages, trace elements, and Hf isotopes of detrital zircons. **2015**, 57, 159-181	14
1022	Combined U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating on the Bailang eclogite constrains the closure timing of the Paleo-Tethys Ocean in the Lhasa terrane, Tibet. **2015**, 28, 1482-1499	57
1021	Partial melting of thickened continental crust in central Tibet: Evidence from geochemistry and geochronology of Eocene adakitic rhyolites in the northern Qiangtang Terrane. **2015**, 414, 30-44	71

1020	A short-lived but significant Mongol–Okhotsk collisional orogeny in latest Jurassic–Earliest Cretaceous. **2015**, 28, 1096-1116	114
1019	Cenozoic low temperature cooling history of the Northern Tethyan Himalaya in Zedang, SE Tibet and its implications. **2015**, 643, 80-93	25
1018	Tearing of the Indian lithospheric slab beneath southern Tibet revealed by SKS-wave splitting measurements. **2015**, 413, 13-24	108
1017	Metallogenesis and the minerogenetic series in the Gangdese polymetallic copper belt. **2015**, 103, 23-39	38
1016	Trace element behavior and P–T evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. **2015**, 226, 65-80	34
1015	Origin of the ore-forming fluids and metals of the Bangpu porphyry Mo–Cu deposit of Tibet, China: Constraints from He–Ar, H–O, S and Pb isotopes. **2015**, 103, 276-287	21
1014	New heat flow determination in northern Tarim Craton, northwest China. **2015**, 200, 1196-1206	10
1013	New insights into the India–Asia collision process from Cretaceous paleomagnetic and geochronologic results in the Lhasa terrane. **2015**, 28, 625-641	66
1012	Geological characteristics and genesis of the Jurassic No. I porphyry Cu–Au deposit in the Xiongcun district, Gangdese porphyry copper belt, Tibet. **2015**, 70, 438-456	71
1011	Episodic refertilization and metasomatism of Archean mantle: evidence from an orogenic peridotite in North Qaidam (NE Tibet, China). **2015**, 169, 1	24
1010	Mesozoic and Cenozoic deformations in the Raggyorcaka area, Tibet: implications for the tectonic evolution of the North Qiangtang terrane. **2015**, 172, 614-623	7
1009	Paleogene post-collisional lamprophyres in western Yunnan, western Yangtze Craton: Mantle source and tectonic implications. **2015**, 233, 139-161	69
1008	The formation of Qulong adakites and their relationship with porphyry copper deposit: Geochemical constraints. **2015**, 220-223, 60-80	43
1007	Geochemical characteristics, redox conditions, and organic matter accumulation of marine oil shale from the Changliang Mountain area, northern Tibet, China. **2015**, 64, 203-221	90
1006	Petrogenesis and geodynamic implications of the Mid-Triassic lavas from East Kunlun, northern Tibetan Plateau. **2015**, 105, 32-47	45
1005	Multiple partial melting events in the Ailao Shan–Red River and Gaoligong Shan complex belts, SE Tibetan Plateau: Zircon U–Pb dating of granitic leucosomes within migmatites. **2015**, 110, 151-169	37
1004	Mid-Miocene initiation of orogen-parallel extension, NW Nepal Himalaya. **2015**, 7, 483-502	18
1003	The evolution of the Bangong–Nujiang Neo-Tethys ocean: Evidence from zircon U–Pb and Lu–Hf isotopic analyses of Early Cretaceous oceanic islands and ophiolites. **2015**, 655, 27-40	58

1002	Zircon UPb ages and geochemical characteristics of granitoids in Nagqu area, Tibet. **2015**, 231, 92-102	18
1001	Analog modeling of one-way gravitational spreading of hot orogens A case study from the Svecofennian orogen, Fennoscandian Shield. **2015**, 268, 135-152	14
1000	Tracing the Transhimalayan magmatic belt and the Lhasa block southward using zircon UPb, LuHf isotopic and geochemical data: Cretaceous Cenozoic granitoids in the Tengchong block, Yunnan, China. **2015**, 110, 170-188	48
999	Late Cretaceous high-Mg# granitoids in southern Tibet: Implications for the early crustal thickening and tectonic evolution of the Tibetan Plateau?. **2015**, 232, 12-22	38
998	Neotectonically triggered instability around the palaeolake regime in Central Kumaun Himalaya, India. **2015**, 371, 219-231	27
997	Is the Asian lithosphere underthrusting beneath northeastern Tibetan Plateau? Insights from seismic receiver functions. **2015**, 428, 172-180	31
996	Active tectonics of western Potwar PlateauSalt Range, northern Pakistan from InSAR observations and seismic imaging. **2015**, 168, 265-275	24
995	The Cenozoic rotational extrusion of the Chuan Dian Fragment: New paleomagnetic results from Paleogene red-beds on the southeastern edge of the Tibetan Plateau. **2015**, 658, 46-60	24
994	Paleomagnetic results from the Early Cretaceous Lakang Formation lavas: Constraints on the paleolatitude of the Tethyan Himalaya and the IndiaAsia collision. **2015**, 428, 120-133	49
993	Sediment storage and morphology of the Yalu Tsangpo valley due to uneven uplift of the Himalaya. **2015**, 58, 1440-1445	8
992	Chemical compositions of garnet and clinopyroxene and their genetic significances in Yemaquan skarn ironcopperzinc deposit, Qimantagh, eastern Kunlun. **2015**, 158, 143-154	10
991	Crustal structure and deformation under the Longmenshan and its surroundings revealed by receiver function data. **2015**, 244, 11-22	31
990	Seismic evidence for the North China plate underthrusting beneath northeastern Tibet and its implications for plateau growth. **2015**, 426, 109-117	85
989	New paleomagnetic studies of Cretaceous and Miocene rocks from Jinggu, western Yunnan, China: Evidence for internal deformation of the LanpingSimao Terrane. **2015**, 89, 39-59	18
988	Tectono-climatic implications of Eocene Paratethys regression in the Tajik basin of central Asia. **2015**, 424, 168-178	64
987	Apatite fission-track thermochronological constraints on the pattern of late MesozoicCenozoic uplift and exhumation of the Qinling Orogen, central China. **2015**, 114, 649-673	33
986	Lead distribution in coastal and estuarine sediments around India. **2015**, 97, 36-46	24
985	Flexural bending of southern Tibet in a retro foreland setting. **2015**, 5, 12076	23

984	Complex seismic anisotropy beneath western Tibet and its geodynamic implications. **2015**, 413, 167-175	36
983	Detrital zircon UPb age and Hf isotopic composition from foreland sediments of the Assam Basin, NE India: Constraints on sediment provenance and tectonics of the Eastern Himalaya. **2015**, 111, 254-267	22
982	Adakite-like geochemical signature produced by amphibole-dominated fractionation of arc magmas: An example from the Late Cretaceous magmatism in Gangdese belt, south Tibet. **2015**, 232, 197-210	59
981	The role of Indian and Tibetan lithosphere in spatial distribution of Cenozoic magmatism and porphyry CuMo deposits in the Gangdese belt, southern Tibet. **2015**, 150, 68-94	93
980	Tectonic studies and crustal shortening across Easternmost Arunachal Himalaya. **2015**, 111, 339-349	16
979	Initial rupture and displacement on the Altyn Tagh fault, northern Tibetan Plateau: Constraints based on residual Mesozoic to Cenozoic strata in the western Qaidam Basin. **2015**, 11, 921-942	65
978	Geochemistry, zircon UPb ages and SrNdHf isotopes of an Ordovician appinitic pluton in the East Kunlun orogen: New evidence for Proto-Tethyan subduction. **2015**, 111, 681-697	46
977	A 'hidden' 18O-enriched reservoir in the sub-arc mantle. **2014**, 4, 4232	30
976	Forearc hyperextension dismembered the south Tibetan ophiolites. **2015**, 43, 475-478	100
975	Crustal rheological strength heterogeneities control the formation of continental plateau margins. **2015**, 107, 62-71	8
974	Zircon UPb age and SrNdHfO isotope geochemistry of the PaleoceneEocene igneous rocks in western Gangdese: Evidence for the timing of Neo-Tethyan slab breakoff. **2015**, 224-225, 179-194	52
973	Zircon U-Pb Geochronology and Hf Isotopic Constraints on Petrogenesis of Plagiogranite from the Cuomuqu Ophiolite, Bangong Lake Area, North Tibet. **2015**, 89, 418-440	22
972	Middle Jurassic syn-kinematic magmatism, anatexis and metamorphism in the Zheduo-Gonggar massif, implication for the deformation of the Xianshuihe fault zone, East Tibet. **2015**, 107, 35-52	14
971	Detrital zircon record of Paleozoic and Mesozoic meta-sedimentary strata in the eastern part of the Baoshan block: Implications of their provenance and the tectonic evolution of the southeastern margin of the Tibetan plateau. **2015**, 227, 194-204	34
970	Petrogenesis and tectonic setting of Triassic granitoids in the Qiangtang terrane, central Tibet: Evidence from UPb ages, petrochemistry and SrNdHf isotopes. **2015**, 105, 443-455	44
969	Petrology and UPb zircon geochronology of bimodal volcanic rocks from the Maierze Group, northern Tibet: Constraints on the timing of closure of the BanggongNujiang Ocean. **2015**, 227, 148-160	73
968	Heavy mineral assemblage characteristics and the Cenozoic paleogeographic evolution in southwestern Qaidam Basin. **2015**, 58, 859-875	15
967	Minerals and potentially hazardous trace elements in marine oil shale: new insights from the Shengli River North surface mine, northern Tibet, China. **2015**, 73, 3137-3157	3

966	A Tale of Amalgamation of Three Permo-Triassic Collage Systems in Central Asia: Oroclines, Sutures, and Terminal Accretion. *Annual Review of Earth and Planetary Sciences*, **2015**, 43, 477-507	15.3	656
965	High-resolution lithospheric structure beneath Mainland China from ambient noise and earthquake surface-wave tomography. **2015**, 417, 132-141		124
964	Metallogeny of the northeastern Gangdese Pb–Zn–Ag–Fe–Mo–W polymetallic belt in the Lhasa terrane, southern Tibet. **2015**, 70, 510-532		49
963	Evolution of the late Cenozoic tectonic stress regime in the Shanxi Rift, central North China Plate inferred from new fault kinematic analysis. **2015**, 114, 54-72		39
962	Lithogeochemical, Re–Os and U–Pb Geochronological, Hf–Lu and S–Pb Isotope Data of the Ga'erqiong-Galale Cu–Au Ore-Concentrated Area: Evidence for the Late Cretaceous Magmatism and Metallogenic Event in the Bangong-Nujiang Suture Zone, Northwestern Tibet, China. **2015**, 65, 76-102		23
961	Mineralogical and geochemical studies of brecciated ores in the Dalucao REE deposit, Sichuan Province, southwestern China. **2015**, 70, 613-636		60
960	Chronology and Crust-Mantle Mixing of Ore-forming Porphyry of the Bangongco: Evidence from Zircon U-Pb Age and Hf Isotopes of the Naruo Porphyry Copper-Gold Deposit. **2015**, 89, 217-228		16
959	Provenance of detrital zircons in the Late Triassic Sichuan foreland basin: constraints on the evolution of the Qinling Orogen and Longmen Shan thrust-fold belt in central China. **2015**, 57, 1806-1824		28
958	Zircon U–Pb geochronology and geochemistry of Late Cretaceous–Early Eocene granodiorites in the southern Gangdese batholith of Tibet: petrogenesis and implications for geodynamics and Cu – Au – Mo mineralization. **2015**, 57, 373-392		26
957	Multiparameter adjoint tomography of the crust and upper mantle beneath East Asia: 1. Model construction and comparisons. **2015**, 120, 1762-1786		76
956	Crustal anisotropy estimated by splitting of Ps-converted waves on seismogram and an application to SE Tibetan plateau. **2015**, 106, 216-228		14
955	Paleomagnetism of the Oligocene Kangtuo Formation red beds (Central Tibet): Inclination shallowing and tectonic implications. **2015**, 104, 55-68		12
954	The exhumation history of collision-related mineralizing systems in Tibet: Insights from thermal studies of the Sharang and Yaguila deposits, central Lhasa. **2015**, 65, 1043-1061		30
953	Re-Os isotopic constraints on the evolution of the Bangong-Nujiang Tethyan oceanic mantle, Central Tibet. **2015**, 224-225, 32-45		11
952	Developing plate tectonics theory from oceanic subduction zones to collisional orogens. **2015**, 58, 1045-1069		159
951	Anomalously fast convergence of India and Eurasia caused by double subduction. **2015**, 8, 475-478		137
950	Neo-Tethyan magmatism and metallogeny in Myanmar—An Andean analogue?. **2015**, 106, 197-215		79
949	Timing and conditions of metamorphism and melt crystallization in Greater Himalayan rocks, eastern and central Bhutan: insight from U–Pb zircon and monazite geochronology and trace-element analyses. **2015**, 169, 1		18

948	Tectonic evolution of a complex orogenic system: Evidence from the northern Qinling belt, Central China. **2015**, 113, 544-559	43
947	Zircon U–Pb geochronology and Hf isotopic constraints on the petrogenesis of Early Triassic granites in the Wulonggou area of the Eastern Kunlun Orogen, Northwest China. **2015**, 57, 1735-1754	33
946	Concentration and distribution of mercury in drainage catchment sediment and alluvial soil of China. **2015**, 154, 32-48	31
945	Geochronology and geochemistry of the Dabure basalts, central Qiangtang, Tibet: evidence for ~550 Ma rifting of Gondwana. **2015**, 57, 1791-1805	13
944	Thickened juvenile lower crust-derived ~ 90 Ma adakitic rocks in the central Lhasa terrane, Tibet. **2015**, 224-225, 225-239	51
943	Impacts of uplift of northern Tibetan Plateau and formation of Asian inland deserts on regional climate and environment. **2015**, 116, 1-14	62
942	Geochronology, petrogenesis and tectonic implications of the Jurassic Namco–Renco ophiolites, Tibet. **2015**, 57, 508-528	32
941	The Longmala and Mengya'a skarn Pb–Zn deposits, Gangdese region, Tibet: evidence from U–Pb and Re–Os geochronology for formation during early India–Asia collision. **2015**, 57, 1825-1842	23
940	The anomalous lithium isotopic signature of Himalayan collisional zone carbonatites in western Sichuan, SW China: Enriched mantle source and petrogenesis. **2015**, 159, 42-60	33
939	Climate-dependent fluvial architecture and processes on a suborbital timescale in areas of rapid tectonic uplift: An example from the NE Tibetan Plateau. **2015**, 133, 318-329	35
938	New field and geophysical data about transpressional deformation: An improved model for the structural style of Sha Gou fault area in southern Ningxia, northeastern edge of Tibetan Plateau, China. **2015**, 112, 25-41	1
937	The Precambrian Geology of the Tibetan Plateau. **2015**, 353-384	1
936	Eocene magmatic processes and crustal thickening in southern Tibet: Insights from strongly fractionated ca. 43Ma granites in the western Gangdese Batholith. **2015**, 239, 128-141	34
935	Evolution of high-pressure mafic granulites and pelitic gneisses from NE Madagascar: Tectonic implications. **2015**, 662, 219-242	11
934	Geochemical and mineralogical characteristics of weathered ore in the Dalucao REE deposit, Mianning–Dechang REE Belt, western Sichuan Province, southwestern China. **2015**, 71, 437-456	37
933	Spatial and Seasonal Variation in Surface Water pCO2 in the Ganges, Brahmaputra, and Meghna Rivers on the Indian Subcontinent. **2015**, 21, 437-458	13
932	Geochronology and Geochemistry of the Subduction-related Rocks with High Sr/Y Ratios in the Zedong Area: Implications for the Magmatism in Southern Lhasa Terrane during Late Cretaceous. **2015**, 89, 351-368	12
931	Geochemistry, Geochronology, Sr-Nd Isotopic Compositions of Jiang Tso Ophiolite in the Middle Segment of the Bangong- Nujiang Suture Zone and Their Geological Significance. **2015**, 89, 389-401	34

930	Geochronology and Geochemistry of the Late Cretaceous to Paleocene Intrusions in East Gangdese, Lhasa, Tibet and Their Tectonic Significances. **2015**, 89, 441-466	10
929	Slip Rate of Yema River–Daxue Mountain Fault since the Late Pleistocene and Its Implications on the Deformation of the Northeastern Margin of the Tibetan Plateau. **2015**, 89, 561-574	6
928	Quantifying the P–T conditions of north–south Lhasa terrane accretion: new insight into the pre-Himalayan architecture of the Tibetan plateau. **2015**, 33, 91-113	27
927	U–Pb zircon age, geochemical and Lu–Hf isotopic constraints of the Southern Gangma Co basalts in the Central Qiangtang, northern Tibet. **2015**, 657, 219-229	10
926	Structural style and metamorphic conditions of the Jinshajiang metamorphic belt: Nature of the Paleo-Jinshajiang orogenic belt in the eastern Tibetan Plateau. **2015**, 113, 748-765	23
925	Paleomagnetism of Upper Cretaceous red-beds from the eastern Qiangtang Block: Clockwise rotations and latitudinal translation during the India–Asia collision. **2015**, 114, 732-749	31
924	Mesozoic structural evolution of the Hangjinqi area in the northern Ordos Basin, North China. **2015**, 66, 695-710	42
923	Crustal structure and composition beneath the northeastern Tibetan plateau from receiver function analysis. **2015**, 249, 51-58	6
922	Genesis of post-collisional calc-alkaline and alkaline granitoids in Qiman Tagh, East Kunlun, China. **2015**, 239, 45-59	26
921	Geochemistry and U-Pb zircon age of Late Triassic volcanogenic sediments in the central Yangtze Block: Origin and tectonic implications. **2015**, 192, 211-227	4
920	Deep structures and surface boundaries among Proto-Tethyan micro-blocks: Constraints from seismic tomography and aeromagnetic anomalies in the Central China Orogen. **2015**, 659, 109-121	17
919	Crustal anisotropy in northeastern Tibetan Plateau inferred from receiver functions: Rock textures caused by metamorphic fluids and lower crust flow?. **2015**, 661, 66-80	26
918	Petrogenesis of Neoproterozoic adakitic tonalites and high-K granites in the eastern Songpan-Ganze Fold Belt and implications for the tectonic evolution of the western Yangtze Block. **2015**, 270, 181-203	24
917	Late Miocene Thermal Evolution of the Eastern Himalayan Syntaxis as Constrained by Biotite40Ar/39Ar Thermochronology. **2015**, 123, 369-384	10
916	Geomorphological and palaeoclimate dynamics recorded by the formation of aeolian archives on the Tibetan Plateau. **2015**, 150, 393-408	55
915	Detection of the deep crustal structure of the Qiangtang terrane using magnetotelluric imaging. **2015**, 661, 180-189	17
914	A new geochemical perspective on hydrochemical evolution of the Tibetan geothermal system. **2015**, 53, 1090-1106	7
913	Identifying mantle carbonatite metasomatism through Os–Sr–Mg isotopes in Tibetan ultrapotassic rocks. **2015**, 430, 458-469	60

912	Exhumation history of the West Kunlun Mountains, northwestern Tibet: Evidence for a long-lived, rejuvenated orogen. **2015**, 432, 391-403	51
911	Dynamic processes from plate subduction to intracontinental deformation: Insights from the tectono-sedimentary evolution of the Zhaosu–Tekesi Depression in the southwestern Chinese Tianshan. **2015**, 113, 728-747	10
910	Thermotectonic evolution of the western margin of the Yilgarn craton, Western Australia: New insights from 40 Ar/ 39 Ar analysis of muscovite and biotite. **2015**, 270, 139-154	7
909	Cenozoic paleoaltimetry of the SE margin of the Tibetan Plateau: Constraints on the tectonic evolution of the region. **2015**, 432, 415-424	83
908	The role of the uplift of the Qinghai-Tibetan Plateau for the evolution of Tibetan biotas. **2015**, 90, 236-53	369
907	Late Cretaceous tectonic framework of the Tibetan Plateau. **2015**, 114, 693-703	10
906	Evidence for a far-traveled thrust sheet in the Greater Himalayan thrust system, and an alternative model to building the Himalaya. **2015**, 34, 31-52	35
905	LA-ICP-MS mineral chemistry of titanite and the geological implications for exploration of porphyry Cu deposits in the Jinshajiang–Red River alkaline igneous belt, SW China. **2015**, 109, 181-200	37
904	How does crustal shortening contribute to the uplift of the eastern margin of the Tibetan Plateau?. **2015**, 98, 18-25	12
903	Features, provenance, and tectonic significance of Carboniferous–Permian glacial marine diamictites in the Southern Qiangtang–Baoshan block, Tibetan Plateau. **2015**, 28, 1530-1542	62
902	Two-stage cooling history of pelitic and semi-pelitic mylonite (sensu lato) from the Dongjiu–Milin shear zone, northwest flank of the eastern Himalayan syntaxis. **2015**, 28, 509-530	28
901	India–Madagascar paleo-fit based on flexural isostasy of their rifted margins. **2015**, 28, 581-600	24
900	Paleocene adakitic porphyry in the northern Qiangtang area, north-central Tibet: Evidence for early uplift of the Tibetan Plateau. **2015**, 212-215, 45-58	17
899	Tectonic, magmatic, and metallogenic evolution of the Tethyan orogen: From subduction to collision. **2015**, 70, 323-345	181
898	The Mesozoic metamorphic–magmatic events in the Medog area, the Eastern Himalayan Syntaxis: constraints from zircon U–Pb geochronology, trace elements and Hf isotope compositions in granitoids. **2015**, 104, 61-74	5
897	Morphometric properties of the trans-Himalayan river catchments: Clues towards a relative chronology of orogen-wide drainage integration. **2015**, 233, 127-141	12
896	Zircon U–Pb ages, geochemistry, and Sr–Nd–Pb–Hf isotopes of the Nuri intrusive rocks in the Gangdese area, southern Tibet: Constraints on timing, petrogenesis, and tectonic transformation. **2015**, 212-215, 379-396	46
895	Reply to comment by W. Liu and B. Xia on "Age and geochemistry of western Hoh-Xil-Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean". **2015**, 212-215, 457-461	4

894	Geology and genesis of the post-collisional porphyry–skarn deposit at Bangpu, Tibet. **2015**, 70, 486-509	25
893	Early Cretaceous (100–105 Ma) Adakitic magmatism in the Dachagou area, northern Lhasa terrane, Tibet: implications for the Bangong–Nujiang Ocean subduction and slab break-off. **2015**, 57, 1172-1188	31
892	Cambrian ultrapotassic rhyolites from the Lhasa terrane, south Tibet: Evidence for Andean-type magmatism along the northern active margin of Gondwana. **2015**, 27, 1616-1629	67
891	Tomographic imaging of the underthrusting Indian slab and mantle upwelling beneath central Tibet. **2015**, 28, 121-132	25
890	Geochronological and geochemical constraints on the petrogenesis of Early Eocene metagabbroic rocks in Nabang (SW Yunnan) and its implications on the Neotethyan slab subduction. **2015**, 27, 1474-1486	53
889	Latest Cretaceous Himalayan tectonics: Obduction, collision or Deccan-related uplift?. **2015**, 28, 165-178	34
888	Zircon U–Pb ages of the Mianning–Dechang syenites, Sichuan Province, southwestern China: Constraints on the giant REE mineralization belt and its regional geological setting. **2015**, 64, 554-568	47
887	The nature and history of the Qilian Block in the context of the development of the Greater Tibetan Plateau. **2015**, 28, 209-224	84
886	Elastic thickness of the Himalayan–Tibetan orogen estimated from the fan wavelet coherence method, and its implications for lithospheric structure. **2015**, 409, 1-14	31
885	Geochemical and Nd–Sr–Pb–O isotopic constrains on Permo–Triassic magmatism in eastern Qaidam Basin, northern Qinghai-Tibetan plateau: Implications for the evolution of the Paleo-Tethys. **2015**, 114, 674-692	46
884	Petrogenesis of metaluminous A-type granitoids in the Tengchong–Lianghe tin belt of southwestern China: Evidences from zircon U–Pb ages and Hf–O isotopes, and whole-rock Sr–Nd isotopes. **2015**, 212-215, 93-110	55
883	Early Cretaceous adakitic magmatism in the Dachagou area, northern Lhasa terrane, Tibet: Implications for slab roll-back and subsequent slab break-off of the lithosphere of the Bangong–Nujiang Ocean. **2015**, 97, 51-66	71
882	Long-lived high-temperature granulite-facies metamorphism in the Eastern Himalayan orogen, south Tibet. **2015**, 212-215, 1-15	64
881	Paleogene carbonate microfacies and sandstone provenance (Gamba area, South Tibet): Stratigraphic response to initial India–Asia continental collision. **2015**, 104, 39-54	24
880	From rift to drift in South Pamir (Tajikistan): Permian evolution of a Cimmerian terrane. **2015**, 102, 146-169	53
879	Spinel peridotite, olivine websterite and the textural evolution of the Purang ophiolite complex, western Tibet. **2015**, 110, 55-71	30
878	Geochronology and geochemistry of basaltic lavas in the Dongbo and Purang ophiolites of the Yarlung-Zangbo Suture zone: Plume-influenced continental margin-type oceanic lithosphere in southern Tibet. **2015**, 27, 701-718	52
877	SHRIMP U–Pb, Ar–Ar and fission-track geochronology of W–Mo deposits in the Balkhash Metallogenic Belt (Kazakhstan), Central Asia, and the geological implications. **2015**, 110, 19-32	19

876	Structural control and genesis of the Oligocene Zhenyuan orogenic gold deposit, SW China. **2015**, 65, 42-54	82
875	In-situ LA-ICP-MS trace elemental analyses of magnetite: Fe□ti(V) oxide-bearing mafic□ultramafic layered intrusions of the Emeishan Large Igneous Province, SW China. **2015**, 65, 853-871	67
874	Jiangnan Orogen in South China: Developing from divergent double subduction. **2015**, 27, 1173-1180	290
873	Cenozoic Tectonic Evolution of the Pamir: A Review. **2016**, 125, 661-698	
872	Heavy Metals in Surface Soils in the Upper Reaches of the Heihe River, Northeastern Tibetan Plateau, China. **2016**, 13,	18
871	Deformation and Source Parameters of the 2015 Mw 6.5 Earthquake in Pishan, Western China, from Sentinel-1A and ALOS-2 Data. **2016**, 8, 134	37
870	Genetic Structure and Evolutionary History of Three Alpine Sclerophyllous Oaks in East Himalaya-Hengduan Mountains and Adjacent Regions. **2016**, 7, 1688	20
869	Metamorphism of high-P metagreywacke from the Eastern Himalayan syntaxis: phase equilibria and P□ path. **2016**, 34, 697-718	23
868	Climate-driven sediment aggradation and incision since the late Pleistocene in the NW Himalaya, India. **2016**, 449, 321-331	33
867	Recycling of ancient subduction-modified mantle domains in the Purang ophiolite (southwestern Tibet). **2016**, 262, 11-26	27
866	New insights about petroleum geology and exploration of Qiangtang Basin, northern Tibet, China: A model for low-degree exploration. **2016**, 77, 323-340	20
865	Devonian Nb-enriched basalts and andesites of north-central Tibet: Evidence for the early subduction of the Paleo-Tethyan oceanic crust beneath the North Qiangtang Block. **2016**, 682, 96-107	26
864	Stream profile analysis, tectonic geomorphology and neotectonic activity of the Damxung-Yangbajain rift in the south Tibetan Plateau. **2016**, 41, 1312-1326	15
863	Provenance change of sediment input in the northeastern foreland of Pamir related to collision of the Indian Plate with the Kohistan-Ladakh arc at around 47 Ma. **2016**, 35, 315-338	42
862	Teleseismic P-wave tomography and mantle dynamics beneath Eastern Tibet. **2016**, 17, 1861-1884	92
861	Lithosphere delamination in continental collisional orogens: A systematic numerical study. **2016**, 121, 5186-5211	78
860	P□□□ paths of the North Himalayan metamorphic rocks: Implications for the Himalayan orogeny. **2016**, 683, 393-404	13
859	Mesozoic litho- and magneto-stratigraphic evidence from the central Tibetan Plateau for megamonsoon evolution and potential evaporites. **2016**, 37, 110-129	33

858	Pn anisotropic tomography and mantle dynamics beneath China. **2016**, 257, 193-204	36
857	Joint inversion of receiver functions and surface waves with enhanced preconditioning on densely distributed CNDSN stations: Crustal and upper mantle structure beneath China. **2016**, 121, 743-766	11
856	The Cenozoic growth of the Qilian Shan in the northeastern Tibetan Plateau: A sedimentary archive from the Jiuxi Basin. **2016**, 121, 2235-2257	90
855	Using monazite and zircon petrochronology to constrain the P□□ evolution of the middle crust in the Bhutan Himalaya. **2016**, 34, 617-639	24
854	Inverted Oligo-Miocene metamorphism in the Lesser Himalaya Sequence, Arunachal Pradesh, India; age and grade relationships. **2016**, 34, 805-820	12
853	Structure of the Upper Mantle and Transition Zone Beneath the South China Block Imaged by Finite Frequency Tomography. **2016**, 90, 1637-1652	8
852	Pliocene-Quaternary crustal melting in central and northern Tibet and insights into crustal flow. **2016**, 7, 11888	51
851	In Situ Stress Measurements in the Lhasa Terrane, Tibetan Plateau, China. **2016**, 90, 2022-2035	5
850	Large Earthquakes and Structural Heterogeneity in Eastern Tibetan Plateau. **2016**, 167-191	6
849	Equisetum cf. oppositum (Equisetaceae) from the Paleocene-Eocene of Tibet in southwestern China and its paleoenvironmental implications. **2016**, 9, 1	3
848	Discovery of a Sphaeroschwagerina fusuline fauna from the Raggyorcaka Lake area, northern Tibet: implications for the origin of the Qiangtang Metamorphic Belt. **2016**, 153, 537-543	19
847	Geodynamic setting of Late Cretaceous Sn□W mineralization in southeastern Yunnan and northeastern Vietnam. **2016**, 1, 79-88	42
846	Depth variations of P-wave azimuthal anisotropy beneath Mainland China. **2016**, 6, 29614	42
845	Gravity increase before the 2015 Mw 7.8 Nepal earthquake. **2016**, 43, 111-117	21
844	Magnetostratigraphy of the middle-upper Jurassic sedimentary sequences at Yanshiping, Qiangtang Basin, China. **2016**, 206, 1847-1863	9
843	Large-scale displacement along the Altyn Tagh Fault (North Tibet) since its Eocene initiation: Insight from detrital zircon U□b geochronology and subsurface data. **2016**, 677-678, 261-279	72
842	Paleostress inversion of fault-slip data from the Jurassic to Cretaceous Huangshan Basin and implications for the tectonic evolution of southeastern China. **2016**, 98, 31-52	13
841	Geomorphic Diversity of Rivers in the Upper Yellow River Basin. **2016**, 59-77	6

840	Landscape and Ecosystem Diversity, Dynamics and Management in the Yellow River Source Zone. **2016**,		9
839	Crustal Decoupling in Collisional Orogenesis: Examples from the East Greenland Caledonides and Himalaya. *Annual Review of Earth and Planetary Sciences*, **2016**, 44, 685-708	15.3	15
838	Detrital zircon UPb geochronology and provenance of Lower Cretaceous sediments: Constraints for the northwestern Sichuan pro-foreland basin. **2016**, 453, 52-72		16
837	An upper Kungurian/lower Guadalupian (Permian) brachiopod fauna from the South Qiangtang Block in Tibet and its palaeobiogeographical implications. **2016**, 25, 519-538		14
836	Petrogenesis and tectonic setting of Early Cretaceous magmatism in the Jiwa area, central Lhasa Terrane, Tibet. **2016**, 58, 1311-1323		9
835	Upper Triassic turbidites of the northern Tethyan Himalaya (Langjiexue Group): The terminal of a sediment-routing system sourced in the Gondwanide Orogen. **2016**, 34, 84-98		48
834	Late Cretaceous magmatism and related metallogeny in the Tengchong area: Evidence from geochronological, isotopic and geochemical data from the Xiaolonghe Sn deposit, western Yunnan, China. **2016**, 78, 196-212		38
833	Detrital zircon UPb geochronology, LuHf isotopes and REE geochemistry constrains on the provenance and tectonic setting of Indochina Block in the Paleozoic. **2016**, 677-678, 125-134		35
832	Low-latitude arc-continent collision as a driver for global cooling. **2016**, 113, 4935-40		53
831	Mica-dominated seismic properties of mid-crust beneath west Yunnan (China) and geodynamic implications. **2016**, 677-678, 324-338		12
830	Pre-Cenozoic geologic history of the central and northern Tibetan Plateau and the role of Wilson cycles in constructing the Tethyan orogenic system. **2016**, 8, 254-292		95
829	SrNdHf isotopes of the intrusive rocks in the Cretaceous Xigaze ophiolite, southern Tibet: Constraints on its formation setting. **2016**, 258-259, 133-148		35
828	Late Permian basalts in the northwestern margin of the Emeishan Large Igneous Province: Implications for the origin of the Songpan-Ganzi terrane. **2016**, 256-257, 75-87		17
827	Petrogenesis and tectonic implications of the Yadong leucogranites, southern Himalaya. **2016**, 256-257, 300-310		34
826	Rapid exhumation of the eastern Himalayan syntaxis since the late Miocene. **2016**, 128, 1403-1422		46
825	The Nadun CuAu mineralization, central Tibet: Root of a high sulfidation epithermal deposit. **2016**, 78, 371-387		28
824	Cenozoic tilting history of the south slope of the Altyn Tagh as revealed by seismic profiling: Implications for the kinematics of the Altyn Tagh fault bounding the northern margin of the Tibetan Plateau. **2016**, 12, 884-899		14
823	Pattern analysis of simple transverse dunes in China Qaidam Basin, north of the Kunlun Mountains. **2016**, 75, 1		4

822	Present-day crustal motion around the Pamir Plateau from GPS measurements. **2016**, 35, 144-154	13
821	Zircon geochemistry of two contrasting types of eclogite: Implications for the tectonic evolution of the North Qaidam UHPM belt, northern Tibet. **2016**, 35, 27-39	37
820	Continental deformation accommodated by non-rigid passive bookshelf faulting: An example from the Cenozoic tectonic development of northern Tibet. **2016**, 677-678, 227-240	64
819	Middle Jurassic MORB-type gabbro, high-Mg diorite, calc-alkaline diorite and granodiorite in the Ando area, central Tibet: Evidence for a slab roll-back of the Bangong-Nujiang Ocean. **2016**, 264, 315-328	19
818	Varying deformation patterns in central Tibet revealed by radial anisotropy tomography. **2016**, 121, 3445-3461	9
817	Mantle inputs to Himalayan anatexis: Insights from petrogenesis of the Miocene Langkazi leucogranite and its dioritic enclaves. **2016**, 264, 125-140	30
816	Insights into the tectonic evolution of the North China Craton through comparative tectonic analysis: A record of outward growth of Precambrian continents. **2016**, 162, 387-432	195
815	High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet. **2016**, 8, 574-582	22
814	Late Cenozoic transpressional mountain building directly north of the Altyn Tagh Fault in the Sanweishan and Nanjieshan, North Tibetan Foreland, China. **2016**, 687, 111-128	19
813	Seismic anisotropy beneath the southern Ordos block and the Qinling-Dabie orogen, China: Eastward Tibetan asthenospheric flow around the southern Ordos. **2016**, 455, 1-6	56
812	40Ar/39Ar thermochronological constraints on the retrogression and exhumation of ultra-high pressure (UHP) metamorphic rocks from Xitieshan terrane, North Qaidam, China. **2016**, 36, 157-175	5
811	Deep hydrothermal fluid-rock interaction: the thermal springs of Da Qaidam, China. **2016**, 16, 711-728	20
810	New insights into the Cenozoic lateral extrusion of crustal blocks on the southeastern edge of Tibetan Plateau: Evidence from paleomagnetic results from Paleogene sedimentary strata of the Baoshan Terrane. **2016**, 35, 2494-2514	16
809	Continental collision with a sandwiched accreted terrane: Insights into Himalayan□tibetan lithospheric mantle tectonics?. **2016**, 455, 176-195	19
808	Two crustal flowing channels and volcanic magma migration underneath the SE margin of the Tibetan Plateau as revealed by surface wave tomography. **2016**, 132, 25-39	29
807	Paleomagnetic constraints on the Mesozoic drift of the Lhasa terrane (Tibet) from Gondwana to Eurasia. **2016**, 44, 727-730	88
806	The Liuqu Conglomerate, southern Tibet: Early Miocene basin development related to deformation within the Great Counter Thrust system. **2016**, 8, 427-450	32
805	Thermal infrared anomalies associated with multi-year earthquakes in the Tibet region based on China□ FY-2E satellite data. **2016**, 58, 989-1001	22

804	Complex deformation in western Tibet revealed by anisotropic tomography. **2016**, 451, 97-107	12
803	Petrogenesis of Paleocene-Eocene porphyry deposit-related granitic rocks in the Yaguila-Sharang ore district, central Lhasa terrane, Tibet. **2016**, 129, 38-53	18
802	Sedimentology, petrography and early diagenesis of a travertine–colluvium succession from Chusang (southern Tibet). **2016**, 342, 218-236	10
801	Late Cenozoic tectonic evolution of the Ailao Shan-Red River fault (SE Tibet): Implications for kinematic change during plateau growth. **2016**, 35, 1969-1988	40
800	The timing of India-Asia collision onset – Facts, theories, controversies. **2016**, 160, 264-299	380
799	Petrogenesis of Middle–late Triassic volcanic rocks from the Gangdese belt, southern Lhasa terrane: Implications for early subduction of Neo-Tethyan oceanic lithosphere. **2016**, 262, 320-333	138
798	Slab-derived adakites and subslab asthenosphere-derived OIB-type rocks at 156 ~ 2 Ma from the north of Gerze, central Tibet: Records of the Bangong–Nujiang oceanic ridge subduction during the Late Jurassic. **2016**, 262, 456-469	59
797	Zircon U–Pb and Molybdenite Re–Os Ages of the Lakange Porphyry Cu–Mo Deposit, Gangdese Porphyry Copper Belt, Southern Tibet, China. **2016**, 66, 163-182	9
796	Estimation of source parameters and scaling relations for moderate size earthquakes in North-West Himalaya. **2016**, 128, 79-89	7
795	Geometry and late Pleistocene slip rates of the Liangdang-Jiangluo fault in the western Qinling mountains, NW China. **2016**, 687, 1-13	21
794	Structural Characteristics and Formation Dynamics: A Review of the Main Sedimentary Basins in the Continent of China. **2016**, 90, 1156-1194	7
793	Radial anisotropy beneath northeast Tibet, implications for lithosphere deformation at a restraining bend in the Kunlun fault and its vicinity. **2016**, 17, 3674-3690	21
792	Skarn formation and trace elements in garnet and associated minerals from Zhibula copper deposit, Gangdese Belt, southern Tibet. **2016**, 262, 213-231	45
791	Continental versus oceanic subduction zones. **2016**, 3, 495-519	124
790	Anatexis, cooling, and kinematics during orogenesis: Miocene development of the Himalayan metamorphic core, east-central Nepal. **2016**, 12, 1575-1593	13
789	Oligocene-Early Miocene river incision near the first bend of the Yangze River: Insights from apatite (U-Th-Sm)/He thermochronology. **2016**, 687, 223-231	28
788	Evaluation of late Permian mafic magmatism in the central Tibetan Plateau as a response to plume-subduction interaction. **2016**, 264, 1-16	16
787	Cenozoic Magmatism and Tectonic Framework of Western Yunnan, China: Constrained from Geochemistry, Sr–Nd–Pb Isotopes and Fission Track Dating. **2016**, 90, 1679-1698	5

786	Sulfur- and lead-isotope geochemistry of the Balugou Cu-Pb-Zn skarn deposit in the Wulonggou area in the eastern Kunlun Orogen, NW China. **2016**, 27, 740-750	8
785	Middle Triassic ultrapotassic rhyolites from the Tanggula Pass, southern Qiangtang, China: A previously unrecognized stage of silicic magmatism. **2016**, 264, 258-276	19
784	Temporal and spatial patterns of Cenozoic deformation across the Qaidam Basin, Northern Tibetan Plateau. **2016**, 28, 409-418	29
783	Zircon U-Pb geochronological constraints on rapid exhumation of the mantle peridotite of the Xigaze ophiolite, southern Tibet. **2016**, 443, 67-86	37
782	Neoproterozoic granitoids in the eastern Himalayan orogen and their tectonic implications. **2016**, 285, 1-9	18
781	Tectonic evolution and deep mantle structure of the eastern Tethys since the latest Jurassic. **2016**, 162, 293-337	98
780	Late Cretaceous–earliest Paleogene deformation in the Longmen Shan fold-and-thrust belt, eastern Tibetan Plateau margin: Pre-Cenozoic thickened crust?. **2016**, 35, 2293-2312	28
779	Indentation of the Pamirs with respect to the northern margin of Tibet: Constraints from the Tarim basin sedimentary record. **2016**, 35, 2345-2369	33
778	Tectonic shortening and crustal thickening in subduction zones: Evidence from Middle–late Jurassic magmatism in Southern Qiangtang, China. **2016**, 39, 1-13	41
777	The Exhumation History of North Qaidam Thrust Belt Constrained by Apatite Fission Track Thermochronology: Implication for the Evolution of the Tibetan Plateau. **2016**, 90, 870-883	42
776	Sm–Nd and Ar–Ar Isotopic Dating of the Nuri Cu–W–Mo Deposit in the Southern Gangdese, Tibet: Implications for the Porphyry-Skarn Metallogenic System and Metallogenetic Epochs of the Eastern Gangdese. **2016**, 66, 259-273	6
775	Mammalian Paleodiversity and Ecology of Siwalik Primates in India and Nepal. **2016**, 11-31	
774	Geophysical-petrological model of the crust and upper mantle in the India-Eurasia collision zone. **2016**, 35, 1642-1669	23
773	Tectonic Evolution of the Western Yarlung Zangbo Ophiolitic Belt, Tibet: Implications from the Petrology, Mineralogy, and Geochemistry of the Peridotites. **2016**, 124, 353-376	32
772	Temperature and strain gradients through Lesser Himalayan rocks and across the Main Central thrust, south central Bhutan: Implications for transport-parallel stretching and inverted metamorphism. **2016**, 35, 1863-1891	25
771	Origin and evolution of the Tengchong block, southeastern margin of the Tibetan Plateau: Zircon U–Pb and Lu–Hf isotopic evidence from the (meta-) sedimentary rocks and intrusions. **2016**, 687, 245-256	23
770	European Variscan orogenic evolution as an analogue of Tibetan-Himalayan orogen: Insights from petrology and numerical modeling. **2016**, 35, 1760-1780	26
769	Along-strike diachroneity in deposition of the Kailas Formation in central southern Tibet: Implications for Indian slab dynamics. **2016**, 12, 1198-1223	34

768	Carboniferous and Permian evolutionary records for the Paleo-Tethys Ocean constrained by newly discovered Xiangtaohu ophiolites from central Qiangtang, central Tibet. **2016**, 35, 1670-1686	50
767	Early Cretaceous Tectonics and Evolution of the Tibetan Plateau. **2016**, 90, 847-857	15
766	Gravity anomaly and crustal density structure in Jilantai rift zone and its adjacent region. **2016**, 29, 235-242	1
765	Quaternary activity of the range front thrust system in the Longmen Shan piedmont, China, revealed by seismic imaging and growth strata. **2016**, 35, 2807-2827	28
764	Late Jurassic adakitic granodiorite in the Dong Co area, northern Tibet: Implications for subduction of the Bangong□Nujiang oceanic lithosphere and related accretion of the Southern Qiangtang terrane. **2016**, 691, 345-361	31
763	Effects of crustal eclogitization on plate subduction/collision dynamics: Implications for India-Asia collision. **2016**, 27, 727-739	8
762	Early Cretaceous paleomagnetic and geochronologic results from the Tethyan Himalaya: Insights into the Neotethyan paleogeography and the India-Asia collision. **2016**, 6, 21605	32
761	Lithospheric electrical structure of Bangong-Nujiang suture and its significance in the central Tibetan Plateau. **2019**,	
760	Early-Paleozoic and Miocene magmatism of the Mama Valley and their significance, eastern South Tibet. **2020**, 36, 3081-3096	2
759	The Active Modern Faults of the Western Segment of the Qilian Mountains (North Tibet). **2020**, 75, 211-219	0
758	Late-Cenozoic Faulting History of the Central Longmenshan Thrust Belt and Its Tectonic Implications. **2021**, 43-62	
757	Geology, geochemistry and genesis of Keyue: A newly discovered Pb-Zn-Sb-Ag polymetallic deposit associated with magmatic center in Southern Tibet, China. **2021**, 104546	0
756	Multiple sources and magmatic evolution of the Late Triassic Daocheng batholith in the Yidun Terrane: Implications for evolution of the Paleo-Tethys Ocean in the eastern Tibetan Plateau.	1
755	Shear wave birefringence and current configuration of active tectonics of Shillong plateau: an appraisal of Indian plate motion and regional structures. 1	1
754	Protoliths and metamorphism of the central Himalayan eclogites: Zircon/titanite U□Pb geochronology, Hf isotope and geochemistry. **2021**,	0
753	The impact of erosion on fault segmentation in thrust belts: Insights from thermochronology and fluvial shear stress analysis (southern Longmen Shan, eastern Tibet). **2021**, 108020	4
752	Contrasting collision-induced far-field orogenesis controlled by thermo-rheological properties of the composite terrane. **2021**, 103, 404-404	0
751	Compositional data analysis of regional geochemical data in the Lhasa area of Tibet, China. **2021**, 135, 105108	2

750	Bitu ophiolite in eastern Tibet: The last piece of the jigsaw puzzle in the Paleotethyan regime along the eastern Cimmerian continental margin. **2021**, 406-407, 106520	0
749	Genesis of chromian spinels in the Purang mantle peridotites of the Yarlung-Zangbo Suture Zone, Tibet. **2020**, 36, 455-468	
748	Gabbroic xenoliths and glomerocrysts in the post-collisional trachyandestic rocks from Tengchong, SE Tibet: Implications for the magma chamber processes. **2020**, 36, 2127-2148	
747	Geochronology, geochemistry and zircon Hf isotope of the low Na rhyolite at Longling-Ruili belt, and its geological implications. **2020**, 36, 3117-3136	1
746	Transition from oceanic subduction to continental collision in central Tibet: evidence from the Cretaceous magmatism in Qiangtang block. 1-19	0
745	Geochemical and geochronological constraints on the genesis of Pliocene post-collisional granite porphyry and shoshonite in Quanshuigou, western Kunlun Mountains, NW Qinghai□Tibet Plateau. 1-22	0
744	Mafic Microgranular Enclaves Formed by Gas-driven Filter Pressing During Rapid Cooling: an Example from the Gangdese Batholith in Southern Tibet. **2021**, 61,	0
743	Transform Plate Margins and Strike-Slip Fault Systems. **2021**,	
742	Magma mixing of the Quxu batholith in the Gangdese belt, southern Tibet: Evidence from microstructure of hornblende in microgranular enclaves. **2020**, 36, 3063-3080	0
741	Emplacement of granitic pluton and Cenozoic deformation in the Wenquan region, Tashkorgan, Xinjiang: The implications for the Miocene tectonic evolution of the Northeast Pamir. **2020**, 36, 3137-3151	
740	Ordovician adakite-Nb-enriched basalt suite in the eastern North Qaidam Mountains: Implications for oceanic subduction and crustal accretion prior to deep continental subduction. **2020**, 36, 2995-3017	1
739	Collectanea. **2020**, 273-286	
738	Metamorphism of pelites in the eastern Gangdese magmatic arc and its tectonic implications. **2020**, 36, 2631-2645	2
737	Petrogenesis and geodynamic significances of Late Jurassic-Cretaceous intrusion in the Mainling area, eastern Gangdese, southern Tibet. **2020**, 36, 3041-3062	2
736	Paleomagnetic study of the Late Cretaceous red beds in the eastern segement of the Bangong-Nujiang suture zone and its tectonic implications. **2020**, 36, 3243-3255	
735	Carboniferous magmatic records in the eastern Gangdese batholith, southern Tibet. **2020**, 36, 3018-3040	4
734	Plate Boundary Interactions Through Geologic History. **2020**, 123-142	1
733	Discovery of 102Ma gabbro in the Tianshuihai area of Karakoram terrane, and its constraints on regional Mesozoic tectonic evolution. **2020**, 36, 1041-1058	1

732	Tectonics of the Himalaya. **2020**, 295-448	
731	Oligocene-Miocene high Sr/Y magmatism and implications for deep processes of Qulin pluton in Gangdese batholith, southern Tibet. **2020**, 36, 2646-2666	1
730	Geochemical characteristics and petrogenesis of Late Cretaceous hypersthene-bearing intrusive rocks in the Gangdese batholith, southern Tibet. **2020**, 36, 2667-2700	2
729	Geochemistry and petrogenesis of sandstones and their basaltic interlayers of Shexing Formation from Linzhou basin, South Tibet. **2020**, 36, 2729-2750	2
728	Geochronology, geochemistry, and Sr□Nd□Hf isotopes of the Late Permian□Early Triassic granitoids in Eastern Kunlun Orogen, Northwest China: petrogenesis and implications for geodynamic setting. **2021**, 63, 696-716	2
727	Active present faults of the Western segment of the Qilian Mountains (Northern Tiber). **2020**, 9-17	
726	Reevaluation of the Seismogenic Fault of the 1654 M8.0 Tianshui Earthquake: Evidence from Geology, Geomorphology, and Chronology along the Lixian-Luojiapu Fault. **2021**, 2021,	1
725	The Mesozoic magmatic, metamorphic, and tectonic evolution of the eastern Gangdese magmatic arc, southern Tibet.	3
724	Geochemistry of the Lower Cretaceous limestones in the Eastern Tethys Gyabula Formation (Himalaya, southern Tibet): implications for the depositional environment and tectonic setting. **2021**, 14, 1	
723	Tectonic evolution and geodynamics of the Neo-Tethys Ocean. 1	2
722	The missing magmatic arc in a long-lived ocean from the western Kunlun- Pamir Paleo-Tethys realm.	0
721	In-situ U□Pb geochronology of Ti-bearing andradite as a practical tool for linking skarn alteration and Pb□Zn mineralization: A case study of the Mengya□ deposit, Tibet. **2021**, 104565	0
720	Early mesozoic arc□back-arc system in the leading edge of the Tibetan Plateau. **2021**, 406-407, 106530	1
719	Strong Seasonal Variations of Seismic Velocity in Eastern Margin of Tibetan Plateau and Sichuan Basin From Ambient Noise Interferometry. **2021**, 126, e2021JB022600	1
718	The oldest-known Lestidae (Odonata) from the late Eocene of Tibet: palaeoclimatic implications. 1-8	1
717	Linking a fractionated magmatic system to skarn W-Mo mineralization in the Hahaigang deposit, Tibet: Implications for regional tungsten metallogeny and exploration. **2021**, 139, 104558	0
716	Provenance and tectonic uplift of the Upper Triassic strata in the southern Songpan-Ganzi fold belt, SW China: Evidence from detrital zircon geochronology and Hf isotope. **2021**, 37, 3513-3526	0
715	Geochronology, geochemistry and petrogenesis of Miocene adakitic rocks in Milashan, Southern Tibet. **2021**, 37, 3479-3500	

714	Late Permian felsic magmatism along the Tethyan Himalaya, South Tibet and tectonic implications. **2021**, 37, 3035-3047	0
713	Geochemistry and petrogenesis of Jurassic granites in Nyemo area, South Lhasa terrane, Tibet. **2021**, 37, 3464-3478	0
712	RECOGNITION OF A 600-KM-LONG LATE TRIASSIC RARE METAL (Li-Rb-Be-Nb-Ta) PEGMATITE BELT IN THE WESTERN KUNLUN OROGENIC BELT, WESTERN CHINA. **2022**, 117, 213-236	2
711	Does neoproterozoic-early paleozoic (570–530 Ma) basement of Iran belong to the cadomian orogeny?. **2022**, 368, 106474	1
710	Paleoproterozoic polyphase deformation in the Helanshan Complex: Structural and geochronological constraints on the tectonic evolution of the Khondalite Belt, North China Craton. **2022**, 368, 106468	1
709	Late Cenozoic fold deformation in the northern margin of Qaidam Basin and southward propagation of Qilian Shan. **2022**, 822, 229153	0
708	Mesozoic-Cenozoic multistage tectonic deformation of the Qilian Shan constrained by detrital apatite fission track and zircon U Pb geochronology in the Yumu Shan area. **2022**, 822, 229151	1
707	Precambrian metamorphic basement of the southern Lhasa terrane, Tibet. **2022**, 368, 106478	3
706	Middle-Late Jurassic magmatism in the west central Lhasa subterrane, Tibet: Petrology, zircon chronology, elemental and Sr-Nd-Pb-Hf-Mg isotopic geochemistry. **2022**, 408-409, 106549	0
705	Deformation and seismic anisotropy in the SE Tibetan Plateau lithospheric mantle inferred from Maguan peridotite xenoliths. **2022**, 822, 229152	
704	Heterogeneous mantle associated with asthenosphere and Indian slab metasomatism: Constraints on fertilization of porphyry Cu mineralization in Tibetan orogen. **2022**, 140, 104601	2
703	Geometry and kinematics of the western part of the NE Qaidam Basin: Implications for the growth of the Tibetan Plateau. **2022**, 822, 229154	0
702	Paleomagnetic and geochronological results of the Risong Formation in the western Lhasa Terrane: Insights into the Lhasa-Qiangtang collision and stratal age. **2022**, 586, 110778	3
701	Mesozoic building of the Eastern Tianshan and East Junggar (NW China) revealed by low-temperature thermochronology. **2022**, 103, 37-53	2
700	Apatite and Zircon Geochemistry in Yaoân Alkali-Rich Porphyry Gold Deposit, Southwest China: Implications for Petrogenesis and Mineralization. **2021**, 11, 1293	3
699	Reservoir characteristics and environmental constraints of delta plain subfacies in Hujianshan Oilfield, Ordos Basin. **2021**, 14, 1	
698	The late Cenozoic expansion of the northeastern Pamir: Insights from the stratigraphic architecture of the Wupoer Piggyback Basin. **2021**, 105012	1
697	Tectonic and climatic impacts on environmental evolution in East Asia during the Palaeogene.	0

696	Late Jurassic Nb-enriched basalts from the Bilong Co area in the southern Qiangtang Terrane, central Tibet, and their implications.	0
695	Metamorphism and magmatism of the Tibetan Plateau and Tethys evolution: Preface. **2021**,	
694	On the Origin of Crustal High Conductivity Zone in the Western Tibet Plateau. **2021**, 95, 34-36	
693	Devonian to Triassic tectonic evolution and basin transition in the East KunlunQaidam area, northern Tibetan Plateau: Constraints from stratigraphy and detrital zircon UPb geochronology.	2
692	Focal mechanism and seismogenic structure of the Shiqu MS4.4 earthquake. **2021**, 1, 100065	
691	Site response and liquefaction susceptibility estimation of a site in northern part of Bangladesh. **2021**, 80, 1	0
690	Cessation of collisional tectonism and rapid crustal uplift recorded by 430420 Ma igneous rocks in the South Kunlun belt, northwest China. 1-17	1
689	Neoproterozoic and Paleozoic tectonic evolution in north Qaidam, northeastern Tibetan Plateau recorded by magmatism and metamorphism. **2021**, 103, 84-84	0
688	In-situ SPb isotopic and trace elemental compositions of sulfides from the Habo Au polymetallic deposit: Evidences for vein-type Au mineralization in the Ailaoshan Au belt. **2021**, 140, 104583	
687	Mesoscopic and Microscopic Magmatic Structures in the Quxu Batholith of the Gangdese Belt, Southern Tibet: Implications for Multiple Hybridization Processes. **2021**, 9,	
686	Geochemistry and Petrogenesis of Late Cretaceous-Paleocene Granites from the Tengchong block, Western Yunnan: Implications for Angle Switching of Subducting Slab.	
685	Holocene activity of the Xigeda fault and its implications for the crustal deformation pattern in the southeastern Tibetan Plateau.	1
684	Geochemistry of tourmaline of elbaite-dravite series from sapphire bearing pegmatites, proterozoic higher Himalayan Crystalline complex Jammu and Kashmir, India: Implication for evolution of pegmatite melt. **2021**, 106546	1
683	Source and evolution of the ore-forming fluid of the Cuonadong Sn-W-Be polymetallic deposit (southern Tibet, China): constraints from scheelite trace element and Sr isotope geochemistry. **2021**, 142, 104570	0
682	Intensified Late Miocene Deformation in the Northern Qaidam Basin, Northern Tibetan Plateau, Constrained by Apatite Fission-Track Thermochronology. **2021**, 9,	
681	The protoliths of central Himalayan eclogites.	2
680	A Reappraisal of the 2005 Kashmir Earthquake in the Northwestern Himalaya Syntaxis. **2021**, 95, 22-24	
679	Construction of the continental Asia in Phanerozoic: A review.	0

678	Thrusting sequence in the Western Himalayan foreland basin during the late phase of continental collision defined by low-temperature thermochronology. **2021**, 821, 229145	
677	Crustal deformation of intermontane basins beneath Central Tien Shan revealed by full-wave ambient noise tomography. **2021**, 821, 229143	1
676	Two-stage strike-slip faulting of the Altyn Tagh Fault revealed by magnetic fabrics in the Qaidam Basin. **2021**, 821, 229142	0
675	High-Resolution Petrographic Evidence Confirming Detrital and Biogenic Magnetites as Remanence Carriers for Zongpu Carbonates in the Gamba Area, South Tibet. **2021**, 9,	1
674	Complex Slip Distribution of the 2021 Mw 7.4 Maduo, China, Earthquake: An Event Occurring on the Slowly Slipping Fault.	5
673	Mineralogical and Re-Os isotope constraints on fluid□and melt□rock interactions and the origin of mantle peridotites from the Amdo ophiolite, northern Tibet. **2021**, 406-407, 106543	
672	Diachronous Subdcution, Closure of the Proto-Tethys Ocean And Collisional Accretion of Microcontinents: Insights from the Early Paleozoic Intermediate-Mafic Rocks in Amdo Microcontinent of Tibet Plateau.	
671	Petrogenesis and geodynamic significances of the early Late Cretaceous intrusion in the Langxian Complex, eastern Gangdese batholith of southern Tibet. **2021**, 37, 3348-3376	
670	Genesis of Dingqing mantle peridotite in the eastern segment of the Bangong-Nujiang suture zone: Evidence from mineralogy and geochemistry of mantle peridotite from borehole ZK02. **2021**, 37, 2944-2970	
669	????????????????U-Pb????????. **2021**, 46, 2850	0
668	Application of Frequency Ratio Method for Landslide Susceptibility Mapping in the Surkhob Valley, Tajikistan. **2021**, 09, 168-189	0
667	????????????????????. **2021**, 46, 4188	
666	The exsolution lamellae in basic granulite facies scapolite and its formation mechanism: An example from the granulite in the Ama Drime Massif, southern Tibet. **2021**, 37, 3435-3444	
665	Metamorphism and tectonic mechanisms of subduction zones. **2021**, 37, 3377-3398	0
664	Zircon and monazite dating of pelitic high-pressure granulite in the Eastern Himalayan Syntaxis and geological significance. **2021**, 37, 3413-3434	
663	Late Cretaceous metamorphism of sedimentary rocks in the eastern Gangdese magmatic arc and its tectonic significance. **2021**, 37, 3445-3463	
662	Early Cretaceous magmatism of the Langxian complex in the eastern Gangdese batholith, southern Tibet: Neo-Tethys ocean subduction re-initiation. **2021**, 37, 2995-3034	1
661	Discovery of spodumene-bearing pegmatites from Ra Chu in the Mount Qomolangma region and its implications for studying rare-metal mineralization in the Himalayan orogen. **2021**, 37, 3295-3304	0

660 ??????????????????U-b???Hf?????. **2021**, 46, 3880 0

659 ??????????????????????????. **2021**, 46, 3861

658 Controlling factors of prolonged REE mineralization in the Maoniuping REE deposit: Constraints from alkaline granite in the syenite□arbonatite complex. **2022**, 142, 104705 1

657 Slip rate deficit partitioned by fault-fold system on the active Haiyuan fault zone, Northeastern Tibetan Plateau. **2022**, 155, 104516

656 Elevation of zircon Hf isotope ratios during crustal anatexis: Evidence from migmatites close to the eastern Himalayan syntaxis in southeastern Tibet. **2022**, 412-413, 106592 1

655 Neoproterozoic and Early Paleozoic magmatism in the eastern Lhasa terrane: Implications for Andean-type orogeny along the northern margin of Rodinia and Gondwana. **2022**, 369, 106520 1

654 Location of the Lhasa terrane in the Late Cretaceous and its implications for crustal deformation. **2022**, 588, 110821 2

653 Magmatic□ydrothermal zircons in syenite: A record of NbTa mineralization processes in the Emeishan large igneous province, SW China. **2022**, 589, 120675 0

652 The provenance of late Cenozoic East Asian Red Clay: Tectonic-metamorphic history of potential source regions and a novel combined zircon-rutile approach. **2022**, 225, 103909 2

651 Diachronous closure of the Mesotethys along the Shiquanhe-Namco m̀ange belt: Evidence from age and nature of the Aptian turbidites in Central Tibet. **2022**, 587, 110791 1

650 Role of the Kerguelen mantle plume in breakup of eastern Gondwana: Evidence from early cretaceous volcanic rocks in the eastern Tethyan Himalaya. **2022**, 588, 110823 2

649 Geochemical evidence for partial melting of progressively varied crustal sources for leucogranites during the Oligocene□Miocene in the Himalayan orogen. **2022**, 589, 120674 2

648 Crustal flow and fluids affected the 2021 M7.4 Maduo earthquake in Northeast Tibet. **2022**, 225, 105050 2

647 Poly-phase structural evolution of the northeastern Alxa Block, China: Constraining the Paleozoic-Recent history of the southern central Asian Orogenic belt. **2022**, 105, 25-50 1

646 Ophiolites and ocean plate stratigraphy (OPS) preserved across the Central Mongolian Microcontinent: A new mega-archive of data for the tectonic evolution of the Paleo-Asian Ocean. **2022**, 105, 51-83 2

645 Tectonic transition from Paleo- to Neo-Tethyan Ocean in Tangjia-Sumdo area, Southern Tibet: Constraints from Early Jurassic magmatism. **2022**, 105, 12-24 0

644 ????????????:?????Ar/Ar?????. **2021**, 46, 4533

643 Palynological constraints on the age of the Mississippi Valley-type Changdong Pb-Zn deposit, Sanjiang belt, West China. **2022**, 65, 167-181 1

642	Horizontal Fracture Formation in the Cenozoic Mudstone of the Western Qaidam Basin. **2022**, 9,	0
641	Application of low-temperature thermochronology on ore deposits preservation framework in South China: a review. 1	0
640	Biotite composition as a tracer of fluid evolution and mineralization center: a case study at the Qulong porphyry Cu-Mo deposit, Tibet. 1	
639	Petrological and geochemical constraints on the petrogenesis of granitoids in the Gonghe geothermal basin, western Qinling (China). **2022**, 136, 105176	1
638	Magmatic and metamorphic history of the Proterozoic Lesser Himalayan Crystallines from Bomdila area, Arunachal Pradesh, NE Lesser Himalaya, India: Constraints from whole rock and mineral chemistry.	2
637	Neotectonic Fault Pattern of the Salair Area (Southern West Siberia): Relation with the Pre-Cenozoic Tectonic Framework. **2022**, 63, 1-12	0
636	Geometry of the Quaternary strata along the middle segment of the Longmen Shan and its formation mechanism: Insights from AMT,ERT and borehole data. **2022**, 826, 229226	1
635	Tectonothermal transition from continental collision to post-collision: Insights from eclogites overprinted in the ultrahigh-temperature granulite facies (Yadong region, central Himalaya).	0
634	Diverse anatexis in the Main Central Thrust zone, eastern Nepal: Implications for melt evolution and exhumation process of the Himalaya.	2
633	Geochemical evidence for the provenance, tectonic settings and depositional environment during the Cambrian Series 2-Wuliuan (Miaolingian) from the Kunzam La Formation in the Sumna Valley, Spiti, NW Himalaya. **2022**, 131, 1	
632	Late Cretaceous K-rich rhyolitic crystal tuffs from the Chuduoqu area in Eastern Qiangtang subterrane: evidence for crustal thickening of the central Tibetan Plateau prior to India–Asia collision. **2022**, 41, 147-163	
631	Campanian transformation from post-collisional to intraplate tectonic regime: Evidence from ferroan granites in the Southern Qiangtang, central Tibet. **2022**, 408-409, 106565	
630	Late Eocene palaeogeomorphology and uplift process of the Central Tibetan Plateau: Constraints from intermediate-felsic magmatic rocks. **2022**, 408-409, 106569	
629	Meso-Cenozoic thermo-tectonic evolution of the Yili block within the Central Asian Orogenic Belt (NW China): Insights from apatite fission track thermochronology. **2022**, 823, 229194	1
628	Arc tempos of the Gangdese batholith, southern Tibet. **2022**, 149, 101897	3
627	Wedge-Shaped Southern Indian Continental Margin Without Proper Weakness Hinders Subduction Initiation. **2022**, 23,	1
626	A new cyprinid from the Oligocene of Qaidam Basin, north-eastern Tibetan plateau, and its implications. 1-22	1
625	Advances in the Deep Tectonics and Seismic Anisotropy of the Lijiang-Xiaojinhe Fault Zone in the Sichuan-Yunnan Block, southwestern China. **2022**, 100116	1

624	The Influence of the Ailaoshan-Red River Shear Zone on the Mineralization of the Beiya Deposit on the Southeastern Margin of the Tibetan Plateau Revealed by a 3-D Magnetotelluric Survey. **2022**, 127,	1
623	Provenance and palaeo-weathering pattern of the Carboniferous Fenestella Shale Formation, north-west Tethys Himalaya, India. **2022**, 131, 1	0
622	Miocene Crustal Anatexis of Paleozoic Orthogneiss in the Zhada Area, Western Himalaya.	0
621	More frequent glacier-rock avalanches in Sedongpu gully are blocking the Yarlung Zangbo River in eastern Tibet. **2022**, 19, 589	2
620	A Test of the Hypothesis That Syn-Collisional Felsic Magmatism Contributes to Continental Crustal Growth Via Deep Learning Modeling and Principal Component Analysis of Big Geochemical Datasets. **2022**, 127,	0
619	Rock Glacier Characteristics Under Semiarid Climate Conditions in the Western Nyainqȟtanglha Range, Tibetan Plateau. **2022**, 127,	1
618	Is the Ibero-Armorican Arc primary or secondary? An analysis of the contraction required to form it by vertical axis rotation. jgs2021-065	
617	Tectonic and Climatic Impacts on Environmental Evolution in East Asia During the Palaeogene. **2022**, 49,	1
616	Genesis and tectonic setting of Late Jurassic-Early Cretaceous granites in Nachatang area, Central Lhasa Terrane: Constraints from geochemistry, chronology and Hf isotopes. **2022**, 38, 209-229	
615	Discovery of late Early Cretaceous diorite porphyrite from the Shamuluo Formation in the Gaize area, Tibet: Response to the northward subduction plate rollback event of Bangongco-Nujiang Tethys Ocean. **2022**, 38, 185-208	
614	Reactivated Margin of the Western North China Craton in the Late Cretaceous: Constraints From Zircon (U-Th)/He Thermochronology of Taibai Mountain. **2022**, 41,	1
613	Velocity Anomalies Around the Mantle Transition Zone Beneath the Qiangtang Terrane, Central Tibetan Plateau From Triplicated P Waveforms. **2022**, 9,	
612	From the southern Gangdese Yeba arc to the Bangong-Nujiang Ocean: Provenance of the Upper Jurassic-Lower Cretaceous Lagongtang Formation (northern Lhasa, Tibet). **2022**, 588, 110837	2
611	Fore-to-retroarc crustal structure of the north Patagonian margin: How is shortening distributed in Andean-type orogens?. **2022**, 209, 103734	1
610	Uplift and Expansion of the North Qilian Shan Recorded by Detrital Fission Tracks in the Jiudong Basin, NW China. **2022**, 9,	
609	A Fragment of Argoland From East Gondwana in the NE Himalaya. **2022**, 127,	0
608	Seismotectonic scenario of the indenting northeast corner of the Indian plate in the Tidding-Tuting Suture Zone of the Eastern Himalayan Syntaxis. **2022**, 824, 229197	0
607	Progressive tectonic evolution from crustal shortening to mid-lower crustal expansion in the southeast Tibetan Plateau: A synthesis of structural and thermochronological insights. **2022**, 226, 103951	2

606	Regression of the Tethys Sea (central Asia) during middle to late Eocene: Evidence from calcareous nannofossils of western Tarim Basin, NW China. **2022**, 171, 102085	0
605	A new late Kungurian (Cisuralian, Permian) conodont and fusuline fauna from the South Qiangtang Block in Tibet and their implications for correlation and paleobiogeography. **2022**, 589, 110822	3
604	Three dimensional P-wave velocity structure underneath the southeastern margin of the Tibetan Plateau and the deep tectonic significance. **2022**, 226, 105068	0
603	Ongoing westward migration of drainage divides in eastern Tibet, quantified from topographic analysis. **2022**, 402, 108123	1
602	Controls on organic matter accumulation in marine mudstones from the Lower Permian Zhanjin Formation of the Qiangtang Basin (Tibet), eastern Tethys. **2022**, 138, 105556	0
601	Late Triassic basin inversion of the Qiangtang Basin in northern Tibet: Implications for the closure of the Paleo-Tethys and expansion of the Neo-Tethys. **2022**, 227, 105119	2
600	Provenance of Late Cretaceous accretionary complex within the Yarlung–Zangpo suture zone, Bainang, southern Tibet: Implications for the subduction–accretion of the Neo-Tethyan ocean. **2022**, 106, 78-91	1
599	Middle Eocene Paleoenvironmental Reconstruction in the Gonjo Basin, Eastern Tibetan Plateau: Evidence From Palynological and Evaporite Records. **2022**, 10,	0
598	Origin of the Miocene Adakitic Rocks and Implication for Tectonic Transition in the Himalayan Orogen: Constraints from Kuday Granitoid Porphyry in Southern Tibet. **2022**, 2022,	0
597	Long-distance lateral magma propagation and Pamir Plateau uplift.	0
596	Early Cretaceous back-arc basin basalt-type gabbros in the southeastern Tibetan Plateau: Implications for Neo-Tethyan oceanic slab subduction.	
595	Radiocarbon Dating of the Nyixoi Chongco Rock Avalanche, Southern Tibet: Search for Signals of Seismic Shaking and Hydroclimatic Events. **2022**, 9,	
594	Metallogenic implications from zircon U–Pb ages and Sr–Nd–Hf isotopic geochemistry of quartz monzonite porphyry in the Habo Cu–Au deposit, southern belt of the Jinshajiang-Red River, China. **2022**, 15, 1	
593	Tectonic Deformation of the Western Qilian Shan in Response to the North–South Crustal Shortening and Sinistral Strike-Slip of the Altyn Tagh Fault Inferred From Geomorphologic Data. **2022**, 10,	
592	The Early Cretaceous Zaduo Granite, Eastern Qiangtang Terrane (China)—An Attempt to Constrain its Paleolatitude and Tectonic Implications. 10,	0
591	Co-seismic and post-seismic fault kinematics of the July 22, 2020, Nima (Tibet) Ms6.6 earthquake: implications of the forming mechanism of the active N-S-trending grabens in Qiangtang, Tibet.	1
590	Petrogenesis of Early Cretaceous High-Mg Adakitic Pluton in the North Lhasa Block, Tibet Plateau: Implications for the Tethyan Orogeny. **2022**, 12, 213	0
589	Eocene magmatism in the western Tengchong Block: Implications for crust-mantle interaction associated with the slab rollback of the Neo-Tethys Ocean. **2022**, 106, 259-259	0

588	The Preservation Mechanism of the Duolong Ore District in Northwest Tibet: Evidence from the Low Temperature Thermochronological Study. **2022**, 104766	0
587	Along-Strike Variation of Convergence Rate and Pre-Existing Weakness Contribute to Indian Slab Tearing Beneath Tibetan Plateau. **2022**, 49,	2
586	Continental crust recycling in ancient oceanic subduction zone: Geochemical insights from arc basaltic to andesitic rocks and paleo-trench sediments in southern Tibet. **2022**, 414-415, 106619	
585	Structural setting of the Narusongduo Pb-Zn ore deposit in the Gangdese belt, central Tibet. **2022**, 143, 104748	0
584	Depositional age, provenance, and palaeoenvironment of the Lower Permian mudstones in the Qiangtang Basin, Tibet: Evidence from geochronology and geochemistry.	2
583	An Early Miocene Lowland on the Northeastern Tibetan Plateau. **2021**, 9,	2
582	India Indenting Eurasia: A Brief Review and New Data from the Yongping Basin on the SE Tibetan Plateau. **2021**, 11, 518	1
581	Crustal structure of the middle segment of the Jiangnan Orogen and its implications on mineralization: Revealed by teleseismic receiver functions along the Guangchang-Liuyang profile. **2022**, 38, 559-572	1
580	Rapid communications of preliminary results for the recent magnitude 6.6 Menyuan, Qinghai, China earthquake helps scientists better study intraplate earthquakes. **2022**, 2, 100119	1
579	Trends and Transitions in Silicate Weathering in the Asian Interior (NE Tibet) Since 53 Ma. **2022**, 10,	0
578	Tectonic Deformation of an Intraplate Orogenic Belt: Mesozoic Sedimentary Basins in the Northeastern Qilian Shan, China. 10,	0
577	Chain Actions Generated High-Elevation and High-Relief Topography of the Eastern Margin of the Tibetan Plateau: From Deep Earth Forces to Earthquake-Induced Dams. **2022**, 10,	0
576	Rifting of the Indian passive continental margin: Insights from the Langjiexue basalts in the central Tethyan Himalaya, southern Tibet.	0
575	Geology, geochronology and geochemistry of the Saishitang Cu deposit in the East Kunlun Orogenic Belt, NW China.	
574	Correlation Between brGDGTs Distribution and Elevation From the Eastern Qilian Shan. **2022**, 10,	
573	Modern-like elevation and climate in Tibet since the mid-Miocene (ca. 15 Ma).	0
572	Early Quaternary Tectonic Transformation of the Helan Shan: Constraints Due To Quantitative Geomorphology. **2022**, 10,	0
571	Insights into the plateau adaptation of Salvia castanea by comparative genomic and WGCNA analyses. **2022**,	1

570	The Iterative Inversion Method of the Gravity Interface Based on the Regular-Integral Downward Continuation Method. **2022**, 2022, 1-14	1
569	An integrated assessment of the geomorphic evolution of the Garhwal synform: Implications for the relative tectonic activity in the southern part of the Garhwal Himalaya. **2022**, 131, 1	0
568	Secondary faulting plays a key role in regulating the Cenozoic crustal deformation in the northeastern Qinghai-Tibet Plateau.	1
567	Large-scale topography of the North Tibetan ranges as a proxy to contrasted crustal-scale deformation modes. jgs2021-085	2
566	??????????????????-????. **2022**,	0
565	Reconstruction of the early-middle Jurassic source-to-sink system in the western Qaidam Basin (North Tibet): Constraints from zircon U-Pb ages of Jurassic sediments and granites. **2022**, 105164	1
564	Effects of Plate Velocity Slowdown on Altering Continental Collision Patterns and Crustal-Lithospheric Deformation During the Collision Process. **2022**, 10,	
563	Remagnetization of Carboniferous Limestone in the Zaduo Area, Eastern Qiangtang Terrane, and Its Tectonic Implications. **2022**, 10,	
562	Late Mesozoic-Cenozoic multistage exhumation of the central Bangong-Nujiang Suture, Central Tibet. **2022**, 827, 229268	1
561	Early activity of the Kerguelen Mantle plume: geochronology, geochemistry and Sr-Nd-Pb isotopes of mafic dykes and sills from the Tethyan Himalaya. 1-15	0
560	Tectonic burial of sedimentary rocks drives the building of juvenile crust of magmatic arc.	0
559	A Fractal Model for Effective Thermal Conductivity in Complex Geothermal Media. **2022**, 10,	0
558	Pleistocene□Holocene out-of-sequence faulting along the Medlicott-Wadia Thrust in the NW Himalaya.	0
557	From Left Slip to Transpression: Cenozoic Tectonic Evolution of the North Altyn Fault, NW Margin of the Tibetan Plateau. **2022**, 41,	2
556	Arc-continent collision during culmination of Proto-Tethyan Ocean closure in the Central Qilian belt, NE Tibetan Plateau.	1
555	Complex seismic image of the Main Himalayan Thrust in Garhwal and implication to earthquake hazard. **2022**, 131, 1	
554	Middle Permian magmatism in the Tangjia-Sumdo region, Tibet: evidence for intra-oceanic subduction. 1-22	1
553	Late Cretaceous Metamorphism and Anatexis of the Gangdese Magmatic Arc, South Tibet: Implications for Thickening and Differentiation of Juvenile Crust. **2022**, 63,	1

552	Cenozoic tectonic evolution of regional fault systems in the SE Tibetan Plateau. **2022**, 65, 601-623	1
551	Paleozoic orogenies and relative plate motions at the sutures of the Iapetus-Rheic Ocean. **2022**,	0
550	Late Cretaceous to Late Eocene Exhumation in the Nima Area, Central Tibet: Implications for Development of Low Relief Topography of the Tibetan Plateau. **2022**, 41,	0
549	??????????????????. **2022**,	
548	Estimation of source parameters and scaling relations for local earthquakes of Lohit Valley in Arunachal Himalaya, Northeast India.	1
547	Glacial burst triggered by triangular wedge collapse: a study from Trisul Mountain near Ronti glacier valley. **2022**, 13, 830-853	0
546	Episodic continental extension in eastern Gondwana during the mid-late mesozoic: insights from geochronology and geochemistry of mafic rocks in the Tethyan Himalaya. 1-18	
545	Deep Crustal Structure Beneath the Pamir□ibetan Plateau: Insights From the Moho Depth and Vp/Vs Ratio Variation. **2022**, 10,	
544	Late Mesozoic intracontinental deformation and magmatism in the Chinese Tianshan and adjacent areas, Central Asia.	1
543	Branches of the Karakoram fault in Eastern Pamir. 1-19	
542	Resolving the timing of Lhasa-Qiangtang block collision: Evidence from the Lower Cretaceous Duoni Formation in the Baingoin foreland basin. **2022**, 110956	1
541	Tectonic uplift along the northeastern margin of the Qinghai□ibetan Plateau: Constraints from the lithofacies sequence and deposition rate of the Qaidam Basin. **2022**, 827, 229279	1
540	Chronology, geochemical characteristics, and tectonic implications of a Triassic complex in the Rongma Area, Southern Qiangtang, Tibet. 1	
539	Kinematics and 40Ar/39Ar geochronology of the Lincang-Inthanon tectonic belt: Implication for Cenozoic tectonic extrusion of SE Asia.	0
538	Introduction to the special issue □ibetan tectonics and its effect on the long-term evolution of climate, vegetation and environment□	
537	Early palaeozoic arc-continent collision in East Kunlun, northern Tibet: evidence from the minerology, geochemistry, and geochronology of the Adatan garnet amphibolites. 1-21	0
536	Mid-Cretaceous intra-oceanic arc-continent collision recorded by the igneous complex in central Myanmar. **2022**, 414-415, 106637	
535	The Formation of the North Qilian Shan through Time: Clues from Detrital Zircon Fission-Track Data from Modern River Sediments. **2022**, 12, 166	

534	Eohimalayan metamorphism and subsequent tectonic quiescence explained. **2022**, 584, 117350	0
533	Evolution of the Sumdo Paleo-Tethyan Ocean: Constraints from Permian Luobadui Formation in Lhasa terrane, South Tibet. **2022**, 110974	1
532	Contribution of continental subduction to very light B isotope signatures in post-collisional magmas: Evidence from southern Tibetan ultrapotassic rocks. **2022**, 584, 117508	0
531	Constraints on ore-forming fluid evolution and guidance for ore exploration in the Zhaxikang Sb□Pb□Zn□Ag deposit in southern Tibet: insights from silver isotope fractionation of galena. 1	
530	Jurassic tectonic evolution of Tibetan Plateau: A review of Bangong-Nujiang Meso-Tethys Ocean. **2022**, 227, 103973	1
529	Anisotropy of Magnetic Susceptibility Reveals Late Miocene Tectonic Activity in the Western Qaidam Basin. **2022**, 10,	
528	High-Precision Vertical Movement and Three-Dimensional Deformation Pattern of the Tibetan Plateau. **2022**, 127,	0
527	Partial melting caused by subduction of young, hot oceanic crust in shallow high-temperature and low-pressure environments: Indications from Middle and Late Jurassic oceanic plagiogranite in Shiquanhe, Central Tibet. **2022**, 106698	0
526	In situ Sr□ isotopic and elemental compositions of apatite and zircon from Pengcuolin granodiorites: implications for Jurassic metallogenic variation in the southern Tibet. **2022**, 104869	0
525	Three-dimensional electrical structure of the Huya fault and adjacent areas of the eastern margin of the Tibetan Plateau and its geological significance. **2022**, 828, 229298	
524	Biomarker Records From Eocene Lacustrine Sequence in the Eastern Tibet Plateau and Its Implication for Organic Matter Sources. **2022**, 10,	
523	Petrogenesis of the East Hoerba harzburgites, SW Tibet: Implications for melt stagnation in the lithospheric mantle of Neo-Tethys. **2022**, 110984	1
522	Xigaze ophiolite (South Tibet) records complex melt-fluid-peridotite interaction in the crust-mantle transition zone beneath oceanic slow-ultraslow spreading centers. **2022**, 414-415, 106623	
521	The rheology and deformation of the South Tibetan Detachment System as exposed at Zherger La, east-central Himalaya: Implications for exhumation of the Himalayan metamorphic core. **2022**, 157, 104559	
520	Controls of mantle subduction on crustal-level architecture of intraplate orogens, insights from sandbox modeling. **2022**, 584, 117476	
519	In situ apatite U-Pb dating for the ophiolite-hosted Nianzha orogenic gold deposit, Southern Tibet. **2022**, 144, 104811	0
518	Re-assessment of the effect of fractional crystallization on Mo isotopes: Constraints from I-type granitoids and their enclosed mafic magmatic enclaves. **2022**, 597, 120814	0
517	Westward migration of high-magma addition rate events in SE Tibet. **2022**, 830, 229308	2

516	Early Jurassic intra-oceanic subduction initiation along the Bangong Meso-Tethys: Geochemical and geochronological evidence from the Shiquanhe ophiolitic complex, western Tibet. **2022**, 416-417, 106657	0
515	Two phases of Cenozoic deformation in the Wudu Basin, West Qinling (Central China): Implications for outward expansion of the Tibetan Plateau. **2022**, 229, 105152	0
514	Early Mesozoic magmatism records the tectonic evolution from syn- to post-collisional setting in the Central Lhasa subterrane, Tibet. **2022**, 416-417, 106642	1
513	Late Early Cretaceous magmatic constraints on the timing of closure of the Bangong Nujiang Tethyan Ocean, Central Tibet. **2022**, 416-417, 106648	0
512	Mesozoic-Cenozoic exhumation history and its implications for the uranium mineralization in the southern Junggar Basin, North China. **2022**, 144, 104784	
511	Paleomagnetism of the Greater Indian passive margin sediments from the Upper Cretaceous succession: Evidence for long-delayed remagnetizations and implication for the India-Asia collision. **2022**, 229, 105165	2
510	Hyperextension and polyphase rifting: Impact on inversion tectonics and stratigraphic architecture of the North West Shelf, Australia. **2022**, 139, 105594	
509	Geology and factors controlling the formation of the newly discovered Beimulang porphyry Cu deposit in the western Gangdese, southern Tibet. **2022**, 144, 104823	
508	Extensive melting of ancient depleted oceanic mantle evidenced by decoupled Hf Nd isotopes in the lowermost oceanic crust. **2022**, 418-419, 106684	0
507	Early Cretaceous hydrous mafic magmatism in the eastern Lhasa terrane, Tibet: Petrogenesis and constraints on the early history of the eastern Jiali (Parlung) fault. **2022**, 418-419, 106686	0
506	Petrogenesis and tectonic implications of Late Permian S-type granites in the South Kunlun Belt, northern Tibetan Plateau. **2022**, 230, 105204	1
505	The influence of tectonic and climatic factors on detrital zircon U Pb age population of Paleozoic metasedimentary rocks in the Lhasa terrane. **2022**, 418-419, 106670	0
504	Zircon (U-Th)/He thermochronology and thermal evolution of the Tarim Basin, Western China. **2022** , 230, 105210	0
503	Mesozoic contractional deformation in central East Asia: Constraints from deformation and sedimentary record of the Helanshan fold and thrust belt, North China Craton. **2022**, 107, 235-255	1
502	Phylogenomic analyses of the East Asian endemic Abelia (Caprifoliaceae) shed insights into the temporal and spatial diversification history with widespread hybridization.. **2021**,	0
501	Hydrocarbon Potential of the Late Permian and the Late Triassic Source Rocks from the Qamdo (Changdu) Basin, Eastern Tibet and Its Linkage with the Sea Level Change. **2021**, 9,	
500	Zircon UPb ages of Lohit Plutonic Complex, NE India: Constraints on episodic magmatism of eastern Trans-Himalaya. **2022**, 57, 503-513	3
499	Triassic trachytic volcanism in the Bangong Nujiang Ocean: geochemical and geochronological constraints on a continental rifting event. **2022**, 159, 519-534	1

498	Geochemical and Sr–Nd–Li isotopic constraints on the genesis of the Jiajika Li-rich pegmatites, eastern Tibetan Plateau: implications for Li mineralization. **2022**, 177, 1	1
497	Geochronology, petrogenesis, and tectonic significance of the granites in the Chaqiabeishan area of the Quanji Massif, northwestern China. **2022**, 57, 1241-1261	0
496	Temporal and Spatial Variations of Enriched Source Components in Linzizong Volcanic Succession, Tibet, and Implications for the India–Asia Collision. **2022**, 63,	0
495	Late Triassic successive amalgamation between the South China and North China blocks: Insights from structural analysis and magnetic fabrics study of the Bikou Terrane and its adjacent area, northwestern Yangtze block, central China.	1
494	The Influence Mechanism of In Situ Stress State on the Stability of Deep-Buried-Curved Tunnel in Qinghai-Tibet Plateau and Its Adjacent Region. **2021**, 2021, 1-18	0
493	GNSS Imaging of Strain Rate Changes and Vertical Crustal Motions over the Tibetan Plateau. **2021**, 13, 4937	0
492	Geochemical prospectivity mapping through factor analysis and maximum entropy model: a case study in the Mila Mountain copper deposit, southern Tibet. **2021**, 14, 1	
491	Petrogenesis and tectonic implications of the quartz diorites and mafic microgranular enclaves in the Asiha gold ore deposit in the East Kunlun orogenic belt: Evidence from zircon U–Pb dating, geochemistry, and Sr–Nd–Hf isotopes.	1
490	Northward Growth of the West Kunlun Mountains: Insight From the Age–Elevation Relationship of New Apatite Fission Track Data. **2021**, 9,	0
489	Mesozoic–Cenozoic Uplift/Exhumation History of the Qilian Shan, NE Tibetan Plateau: Constraints From Low-Temperature Thermochronology. **2021**, 9,	0
488	Deformation of the Crust and Upper Mantle beneath the North China Craton and Its Adjacent Areas Constrained by Rayleigh Wave Phase Velocity and Azimuthal Anisotropy. **2022**, 14, 110	
487	Proterozoic–Phanerozoic tectonic evolution of the Qilian Shan and Eastern Kunlun Range, northern Tibet.	1
486	Zinc and cadmium isotopic constraints on ore formation and mineral exploration in epithermal system: A reconnaissance study at the Keyue and Zhaxikang Sb–Pb–Zn–Ag deposits in southern Tibet. **2021**, 139, 104594	1
485	Post-50 Ma Evolution of India-Asia Collision Zone From Paleomagnetic and GPS Data: Greater India Indentation to Eastward Tibet Flow. **2022**, 49,	0
484	The Early Paleozoic intrusive magmatism and tectonic thermal evolution in the Hala Lake area, southern Qilian, NW China. **2022**, 38, 793-812	
483	Three-dimensional thermal structure of East Asian continental lithosphere.	0
482	Evolution of the Paleo-Tethys Ocean: constraint from detrital zircons of the Paleozoic to Triassic clastic rocks in the Qiangtang terrane, Tibetan Plateau. **2022**, 105226	1
481	Cenozoic Uplift of Tanggula Range and Tuouohe Basin, Northern Tibet: Insights of the Anisotropy of Magnetic Susceptibility. **2022**, 10,	

480	Petrogenesis and geodynamic significance of Late Triassic mafic microgranular enclaves and its host granodiorite in the Shuanghu area, central Qiangtang.	
479	Tomographic Imaging of the Plate Geometry Beneath the Arunachal Himalaya and Burmese Subduction Zones. **2022**, 49,	1
478	Revisiting the paleogeographic framework of northeastern Gondwana in the late Paleozoic: implications from detrital zircon analysis. **2022**, 106144	0
477	Palaeobiogeographical analysis of the Mississippian (early Carboniferous) brachiopod fauna in the Tibetan Plateau. **2022**, 110999	0
476	Instant far-field effects of continental collision: An example study in the Qinling Orogen, northeast of the Tibetan Plateau. **2022**, 229334	1
475	New Late Cretaceous paleomagnetic results from the Lhasa terrane and their implications for the suturing of India and Eurasia and the closure of the Neo-Tethys Ocean.	1
474	Paleoproterozoic–Paleozoic tectonic evolution of the Longshou Shan, western North China craton.	0
473	Indian Plate paleogeography, subduction, and horizontal underthrusting below Tibet: paradoxes, controvercies, and opportunities.	0
472	The Chemical Characteristics and Metallogenic Mechanism of Beryl from Cuonadong Sn-W-Be Rare Polymetallic Deposit in Southern Tibet, China. **2022**, 12, 497	0
471	Subduction erosion revealed by Late Mesozoic magmatism in the Gangdese arc, South Tibet.	
470	The controls on the thermal evolution of continental mountain ranges.	0
469	Assessing Sources and Distribution of Heavy Metals in Environmental Media of the Tibetan Plateau: A Critical Review. **2022**, 10,	0
468	Middle Triassic remnant of the Palaeo-Tethys Ocean, central Tibet: Constraints from the Pianshishan retrograded eclogite-type rocks.	0
467	Petrogenesis and Geodynamic Implications of the Early Cretaceous (~130 Ma) Magmatism in Baingoin Batholith, Central Tibet: Products of Subducting Slab Rollback.	
466	Double-sided subduction with contrasting polarities beneath the pamir-hindu kush: Evidence from focal mechanism solutions and stress field inversion. **2022**, 101399	
465	Strain Distribution Along the Qilian Fold-and-Thrust Belt Determined From GPS Velocity Decomposition and Cluster Analysis: Implications for Regional Tectonics and Deformation Kinematics. **2022**, 10,	
464	Petrogenesis and metallogenic implications of the Miocene granite porphyry in the Jiama Cu-polymetallic deposit, Gangdese belt, South Tibet. **2022**, 237, 106998	0
463	Crustal thickness and Poisson's ratio variations in the Siang Window and adjoining areas of the Eastern Himalayan Syntaxis. **2022**, 231, 105225	

462 Neoproterozoic and early Paleozoic metamorphism recorded in gneisses from the East Kunlun Orogenic belt. **2022**, 375, 106650 0

461 Data_Sheet_1.PDF. **2020**,

460 Table1.DOCX. **2018**,

459 Table2.DOCX. **2018**,

458 Table3.DOCX. **2018**,

457 Table4.DOCX. **2018**,

456 Table5.XLSX. **2018**,

455 Table6.DOCX. **2018**,

454 Table7.XLSX. **2018**,

453 Table8.DOCX. **2018**,

452 Table9.DOCX. **2018**,

451 DataSheet_1.docx. **2020**,

450 Image_1.jpeg. **2020**,

449 Image_2.jpeg. **2020**,

448 Image_3.jpeg. **2020**,

447 Table_1.doc. **2020**,

446 Table_2.docx. **2020**,

445 Table_3.doc. **2020**,

444 Table_4.doc. **2020**,

443 Table_5.xls. **2020**,

442 Table_6.doc. **2020**,

441 Table_7.doc. **2020**,

440 The rise and demise of the Paleogene Central Tibetan Valley.. **2022**, 8, eabj0944 7

439 ???-?????????-???????????????. **2022**, 47, 757 0

438 From Plate Loading to Regional Fault Network: Toward Mechanical Understanding of the Kinematics. **2022**, 25-51

437 Origin and Evolution of Miocene Barren Adakites in the Gangdese Magmatic Arc, Tibet.

436 CSES Community Velocity Models in Southwest China. **2022**, 53-90

435 ??????????????????????????: ??????????. **2022**, 47, 959 0

434 Shear-wave velocity reveals heterogeneous geometry of the Main Himalayan Thrust system and deep structure beneath the Nepal Himalayas. 0

433 Petrogenesis and tectonic implications of Eocene-Oligocene potassic felsic porphyries in the Sanjiang Region, southeastern Tibetan Plateau. **2022**, 105209 1

432 Rapid Exhumation Processes of the Gaoligong Mountain Range in the Southeastern Margin of the Qinghai□Tibet Plateau Since the Late Cenozoic. **2022**, 10,

431 Hot Spring Gas Geochemical Characteristics and Geological Implications of the Northern Yadong-Gulu Rift in the Tibetan Plateau. **2022**, 10, 0

430 Topographic Response of Hinterland Basins in Tibet to the India□Asia Convergence: 3D Thermo-Mechanical Modeling. **2022**, 10, 0

429 Links between continental subduction and generation of Cenozoic potassic□ultrapotassic rocks revealed by olivine oxygen isotopes: A case study from NW Tibet. **2022**, 177,

428 Lateral Growth Mechanism of Proto-Tibetan Plateau in the Late Paleogene: Implications From Detailed Crustal Structures of the Hoh Xil Basin. **2022**, 49, 0

427 Data-based analysis about the influence on erosion rates of the Tibetan Plateau. **2022**, 105246 0

426	Identification of High δ18 O Adakite-Like Granites in SE Tibet: Implication for Diapiric Relamination of Subducted Sediments. **2022**, 49,	0
425	Trace metals in saline waters and brines from China: Implications for tectonic and climatic controls on basin-related mineralization. **2022**, 105263	0
424	Petrogenesis of Eocene Wangdui adakitic pluton in the western Gangdese belt, southern Tibet: implications for crustal thickening. 1-20	0
423	Triple-stage India-Asia collision involving arc-continent collision and subsequent two-stage continent-continent collision. **2022**, 212, 103821	2
422	Provenance of the early Paleozoic sedimentary succession in the Lancang Block, SW China: Implications for the tectonic evolution of the northern margin of Gondwana. **2022**, 231, 105229	0
421	Seismic Evidence for Stepwise Lithospheric Delamination Beneath the Tibetan Plateau. **2022**, 49,	
420	Magmatic evolution and formation of the giant Jiama porphyry-skarn deposit in southern Tibet. **2022**, 145, 104889	0
419	Petrogenesis of Eocene high-silica granites in the Maliaoshan area, northern Tibet: Implications for the Eocene magmatic flare-up in the Northern Qiangtang Block. **2022**, 105268	
418	An overlooked dispersal route of Cardueae (Asteraceae) from the Mediterranean to East Asia revealed by phylogenomic and biogeographic analyses of Atractylodes.. **2022**,	
417	Exploring a lost ocean in the Tibetan Plateau: Birth, growth, and demise of the Bangong-Nujiang Ocean. **2022**, 229, 104031	1
416	Upper mantle anisotropy in the southeastern margin of the Tibetan plateau and geodynamic implications. **2022**, 327, 106877	
415	Crustal anisotropy and deformation of the southeastern Tibetan Plateau revealed by seismic anisotropy of mylonitic amphibolites. **2022**, 159, 104605	1
414	Genesis and high-pressure evolution of the Kızıldağ ophiolite (SW Turkey): Mineralogical and geochemical characteristics of podiform chromitites. **2022**, 145, 104912	0
413	Petrogenesis of the quartz diorite from the Lietinggang-Leqingla Pb-Zn-Fe-Cu-(Mo) deposit in southern Tibet: Implications for the genesis of a skarn-type polymetallic deposit in the Tibetan-Himalayan collisional orogen. **2022**, 145, 104920	
412	Co/Ni decoupling indicates fluid exsolution during the formation of podiform chromitites: Insights from the Luobusa ophiolite, southern Tibet. **2022**, 420-421, 106714	0
411	Terminal stage of divergent double subduction: Insights from Early Cretaceous magmatic rocks in the Gerze area, central Tibet. **2022**, 420-421, 106713	1
410	In situ U-Pb dating of calcite indicates a Miocene Sb-Pb mineralization event in the Sanjiang base metal metallogenic belt, SW China. **2022**, 238, 107004	
409	Spatially focused erosion in the High Himalaya and the geometry of the Main Himalayan Thrust in Central Nepal (85°E) from thermo-kinematic modeling of thermochronological data in the Gyirong region (southern China). **2022**, 834, 229378	0

408	Nature of the Late Cretaceous mantle source beneath the western Lhasa terrane, southern Tibet: Insights from the newly discovered mafic intrusion. **2022**, 420-421, 106712	0
407	The first identified oceanic core complex in the Bangong□Nujiang suture zone, central Tibet: New insights into the early Mesozoic tectonic evolution of the Meso-Tethys Ocean. **2022**, 233, 105248	
406	Moho depth and crustal density structure in the Tibetan Plateau from gravity data modelling. **2022**, 233, 105261	
405	Editorial preface to special issue: From Prototethys to Neotethys: Deep time paleobiogeographic and paleogeographic evolution of blocks in the Qinghai-Tibet Plateau. **2022**, 599, 111046	0
404	Decoupled Trace Element and Isotope Compositions Recorded in Orthopyroxene and Clinopyroxene in Composite Pyroxenite Veins from the Xiugugabu Ophiolite (SW Tibet).	0
403	Origin of the Bada porphyry Cu□Au deposit, eastern Tibet: Geology and isotope geochemistry (C□O□S□Pb) constraints. **2022**, 104935	
402	Discovery of Late Triassic bivalves from Jurassic deep-water deposits in Riganpeicuo area, Tibet and their geological significance.. **2022**, 12, 8267	0
401	Thermal History of the Naruo Porphyry Deposit in the Duolong Ore District, Western Tibet: Evidence from U-Pb, 40 Ar/ 39 Ar and (U-Th)/He Thermochronology.	0
400	Fluctuation in the fluid and tectonic pressures in the South Almora Thrust Zone (SATZ), Kumaun Lesser Himalaya; paleoseismic implications. **2022**, 160, 104631	1
399	Temporal-spatial coincidence may not always discern causality: Insights from two skarn deposits in Anqing and Zhibula, China. **2022**, 146, 104951	1
398	High- and low-Mg adakitic rocks in southern Tibet: Implication for the crustal thickening and geodynamic process in the late Cretaceous. **2022**, 422-423, 106748	0
397	Effects of Lithospheric Properties on Crustal Strain at Both Ends of Longmen Shan Orogenic Belt: Based on Numerical Simulation. **2022**, 10,	0
396	S-Wave Velocity Structure of the Crust and Upper Mantle beneath the North China Craton Determined by Joint Inversion of Rayleigh-Wave Phase Velocity and Z/H Ratio.	0
395	Cenozoic paleoelevation history of the Lunpola Basin in Central Tibet: New evidence from volcanic glass hydrogen isotopes and a critical review. **2022**, 104068	0
394	New Paleomagnetic Constraints on the Early Cretaceous Paleolatitude of the Lhasa Terrane (Tibet). **2022**, 10,	0
393	Strain Field Features and Three-Dimensional Crustal Deformations Constrained by Dense GRACE and GPS Measurements in NE Tibet. **2022**, 14, 2638	0
392	Subducting Indian lithosphere controls the deep carbon emission in Lhasa terrane, southern Tibet.	
391	New paleomagnetic results of the Upper Cretaceous to Lower Eocene sedimentary rocks from the Xigaze forearc basin and their tectonic implications. **2022**, 229433	0

390	Cenozoic two-phase topographic growth of the northeastern Tibetan Plateau derived from two thermochronologic transects across the southern Qilian Shan thrust belt. **2022**, 229432	0
389	Seismic imaging of crust beneath the western Tibet-Pamir and western Himalaya using ambient noise and earthquake data.	1
388	Late Neoproterozoic-early Paleozoic tectonic evolution and paleogeographic reconstruction of the eastern Tibetan Plateau: A perspective from detrital zircon U-Pb-Hf isotopic evidence. **2022**, 377, 106738	1
387	??????????????????????????????????. **2022**, 47, 1349	
386	???????-?????????. **2022**, 47, 1143	0
385	??????????????????????U-Pb?????????????. **2022**, 47, 1194	
384	Crystallographic Controls on Staurolite to Fibrolite Transformation: Petrographic Evidence from the Pangong Metamorphic Complex in Eastern Karakoram, Ladakh, India. **2022**, 98, 749-752	0
383	Mineralization of Ion-adsorption Type Rare Earth Deposits in Western Yunnan, China. **2022**, 104984	0
382	Overriding Lithospheric Strength Affects Continental Collisional Mode Selection and Subduction Transference: Implications for the Greater India-Asia Convergent System. 10,	
381	Source Characteristics of the Carboniferous Ortokarnash Manganese Deposit in the Western Kunlun Mountains. **2022**, 12, 786	
380	Crustal Electrical Structure of the Ganzi Fault on the Eastern Tibetan Plateau: Implications for the Role of Fluids in Earthquakes. **2022**, 14, 2990	
379	Crustal structure of the Qiangtang and Songpan-Ganzi terranes (eastern Tibet) from the 2-D normalized full gradient of gravity anomaly. **2022**,	
378	Pg attenuation tomography beneath western Tibet. **2022**, 26, 531-543	
377	The Cenozoic Multiple-Stage Uplift of the Qiangtang Terrane, Tibetan Plateau. 10,	
376	Petrogenesis of Middle Triassic intermediate-mafic igneous rocks in East Kunlun, Northern Tibet: Implications for the crust growth and Paleo-Tethyan orogeny. **2022**, 100096	
375	Lithium isotope fractionation during magmatic differentiation and hydrothermal processes in post-collisional adakitic rocks. **2022**,	0
374	The Early Cretaceous tectonic evolution of the Neo-Tethys: constraints from zircon U-Pb geochronology and geochemistry of the Liuqiong adakite, Gongga, Tibet. 1-16	
373	Bidirectional subduction of the Bangong-Nujiang ocean revealed by deep-crustal seismic reflection profile. **2022**, 837, 229455	0

372	Meso-Cenozoic growth of the eastern Qilian Shan, northeastern Tibetan Plateau margin: Insight from borehole apatite fission-track thermochronology in the Xiji Basin. **2022**, 143, 105798	0
371	Magnetotelluric evidence for the crustal deformation beneath the region around the Lijiang-Xiaojinhe fault, SE margin of the Tibetan Plateau. **2022**, 235, 105308	0
370	Cretaceous uplift history of the Tibetan Plateau: Insights from the transition of marine to terrestrial facies in central Tibet. **2022**, 601, 111103	0
369	Discrepant chemical differentiation and magmatic-hydrothermal evolution of high-silica magmatism associated with Pb□n and W mineralization in the Lhasa terrane. **2022**, 13, 101411	0
368	The heterogeneous mantle massif in south Tibetan ophiolites and its implication for the tectonic evolution of Neo-Tethys. **2022**, 424-425, 106761	1
367	Two episodes of Eocene mafic magmatism in the southern Lhasa terrane imply an eastward propagation of slab breakoff. **2022**, 110, 31-43	0
366	????????????-?????????. **2022**, 47, 2219	
365	Crust and upper mantle structure of East Asia from ambient noise and earthquake surface wave tomography. **2022**, 35, 71-92	1
364	Basement cross-strike Bomdila Fault beneath Arunachal Himalaya: Deformation along curved thrust traces, seismicity, and implications in hydrocarbon prospect of the Gondwana sediments.	1
363	Geochronology, Geochemistry and Geological Significance of Volcanic Rocks of the Bangba District, Western Segment of the Central Lhasa Subterrane. **2022**, 33, 681-695	0
362	Volatile accumulation for the mineralization of Li□Be pegmatites in the northeastern Pamir, Western Kunlun, China. 1-18	
361	In-situ mineralogical interpretation of the mantle geophysical signature of the Gangdese Cu-porphyry mineral system. **2022**,	0
360	Using historical data for developing a hazard and disaster profile of the Kashmir valley for the period 1900□2020.	1
359	Source mechanism of the 2020 Mw 6.3 Nima earthquake derived from Bayesian inversions with InSAR observations: Insight into E-W extensional activity in the central Tibet. **2022**,	0
358	The stepwise Indian□Eurasian collision and uplift of the Himalayan-Tibetan plateau drove the diversification of high-elevation Scytodes spiders.	1
357	Zircon geochronology and Hf isotopic study from the Leo Pargil Dome, India: implications for the palaeogeographic reconstruction and tectonic evolution of a Himalayan gneiss dome. 1-18	
356	Subduction initiation triggered by collision: A review based on examples and models. **2022**, 104129	1
355	In-situ central Qiangtang metamorphic belt in western Tibet as a typical suture zone: Evidence of crust-mantle structural footprints from P-wave receiver function analyses. **2022**, 229484	

354	Metamorphic P□T Evolution and In Situ Biotite Rb□Sr Geochronology of Garnet□Staurolite Schist From the Ramba Gneiss Dome in the Northern Himalaya. 10,	
353	Multiple volcanic episodes of the Kermanshah forearc basin, SW Iran: a record of the deactivation and re-initiation of Neotethyan subduction involving a mid-oceanic ridge. jgs2022-028	
352	Name and scale matter: Clarifying the geography of Tibetan Plateau and adjacent mountain regions. **2022**, 215, 103893	0
351	Organic matter enrichment of the Late Triassic Bagong Formation (Qiangtang Basin, Tibet) driven by paleoenvironment: Insights from elemental geochemistry and mineralogy. **2022**, 236, 105329	0
350	Identifying Tethys oceanic fingerprint in post-collisional potassium-rich lavas in Tibet using thallium isotopes. **2022**, 607, 121013	
349	Pleistocene northward thrusting of the Danghe Nanshan: Implications for the growth of the Qilian Shan, northeastern Tibetan Plateau. **2022**, 838, 229476	
348	The lithospheric structure beneath the northeastern Tibetan Plateau and western North China Craton from S receiver function imaging and its implications for lateral growth of the plateau. **2022**, 838, 229466	0
347	A shift of mantle sources for the post-collisional lavas and tectonic links with synchronous deformation in the SE Tibetan Plateau. **2022**, 607, 121009	
346	Differentiation of continent crust by cumulate remelting during continental slab tearing: Evidence from Miocene high-silica potassic rocks in southern Tibet. **2022**, 426-427, 106780	1
345	Asthenospheric mantle metasomatized by subducted marine sediments: Li isotopic evidence from Dagze mafic rocks, southern Tibet. **2022**, 426-427, 106782	
344	Provenance, tectonic setting, paleoweathering and paleoclimatic conditions of early to mid-Eocene sandstones of the Dalbuing Formation, Arunachal Pradesh, NE India: Inferences from petrography and geochemistry. **2022**, 127, 103196	
343	Structural and kinematic analysis of the Cuonadong dome, southern Tibet, China: Implications for middle-crust deformation. **2022**, 8, 100112	
342	Late cretaceous magmatism in the Northern Lhasa subterrane, central Tibet: geodynamic implications. 1-20	
341	Geochronology, geochemistry, and Hf isotopic compositions of the Early Devonian Heihaibei granite in the East Kunlun Orogen, Northwest China.	1
340	Late Jurassic Wenjiaping high Sr/Y granite: A product of partial melting of the Precambrian basement rocks trigged by lithospheric extension in the Songpan□Garz□fold belt, SW China.	0
339	Episodic volcanic eruption and arid climate during the Triassic-Jurassic transition in the Qiangtang Basin, eastern Tethys: A possible linkage with the end-Triassic biotic crises. **2022**, 105345	0
338	Genesis of Pyroxenite Veins in the Zedang Ophiolite, the Southern Tibetan Plateau.	0
337	Late Permian rift-related volcanic rocks from the Zhongba Terrane, Southern Tibet: implications for the opening of the Neotethys. 1-14	0

336	Crustal structure beneath the northeastern margin of the Tibetan plateau and its surrounding regions revealed by direct surface wave radial anisotropy tomography. **2022**, 229501	1
335	Locating northern Qiangtang on the margin of Gondwana or Laurasia? Evidence from detrital zircon geochronology. **2022**, 237, 105343	0
334	The Crustal Electrical Structure of a Tectono-Magmatic Rejuvenated Craton: Insights from Magnetotelluric Data of the Northwestern Qaidam Basin, Northern Tibetan Plateau.	
333	Early Cretaceous Granitoids Magmatism in the Nagqu Area, Northern Tibet: Constraints on the Timing of the Lhasa□Qiangtang Collision. **2022**, 12, 933	0
332	Two Epochs of Mineralization of Orogenic Gold Deposit in the East Kunlun Orogenic Belt: Constraints from Monazite U□Pb Age, In Situ Sulfide Trace Elements and Sulfur Isotopes in Wulonggou Gold Field. **2022**, 12, 968	0
331	Tectonic Features of the Wufeng□Longmaxi Formation in the Mugan Area, Southwestern Sichuan Basin, China, and Implications for Shale Gas Preservation. **2022**, 2022,	
330	Timing and mechanisms of Tibetan Plateau uplift.	10
329	Estimation of Liquefaction Susceptibility of a New International Airport Site in Sylhet, Bangladesh.	
328	Petrogenesis of the Late Jurassic Granodiorite and Its Implications for Tectonomagmatic Evolution in the Nuocang District, Western Gangdeses. **2022**, 12, 1058	
327	Geochemistry of Late Cretaceous granitoids in the Yidun Terrane: Implications for petrogenesis and tectonic evolution in the eastern Tibetan Plateau.	
326	Geochronology and petrogenesis of the Yeba formation volcanic rocks in the Epingsong area, southern Lhasa terrane, Tibet: record of the Neo-Tethys subduction. 1-16	
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324	Role of the Nyainrong Microcontinent in Seismogenic Mechanism and Stress Partitioning: Insights from the 2021 Nagqu Mw 5.7 Earthquake. **2022**, 14, 3834	
323	Meso-cenozoic tectonic evolution of the ziyun-luodian fault in SW China. 10,	
322	Geospatial technology applications in Quaternary Science. **2022**, 100059	0
321	Environmental impacts of 222Rn, Hg and CO2 emissions from the fault zones in the western margin of the Ordos block, China.	0
320	Application of Machine Learning to Characterizing Magma Fertility in Porphyry Cu Deposits. **2022**, 127,	1
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318	The early–middle Silurian Delite monzogranite and quartz syenite, East Kunlun Orogenic Belt, NW China: petrogenesis and implications for tectonic evolution of the Proto-Tethys. 1-13	
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314	Genesis of the Wuzhutang Granite and Associated W–Sn–Be Mineralization in the Xuebaoding Mining Area, Sichuan Province, China. **2022**, 12, 993	
313	Eikonal surface-wave tomography of central and eastern China.	
312	Early Jurassic Mafic Magmatism in the Eastern Tethyan Himalaya, Southern Tibet. 000-000	
311	??????????????<bold>: </bold>?????????. **2022**,	
310	Sedimentary provenance perspectives on the evolution of the major rivers draining the eastern Tibetan Plateau. **2022**, 232, 104151	1
309	Cretaceous paleomagnetic and detrital zircon U Pb geochronological results from the Tethyan Himalaya: Constraints on the Neo-Tethys evolution. **2022**, 216, 103903	1
308	Nucleation mechanism of the 2021 Mw 7.4 Maduo earthquake, NE Tibetan Plateau: Insights from seismic tomography and numerical modeling. **2022**, 839, 229528	1
307	Diverse manifestations of silicate weathering responses to late Neogene cooling within a tectonically active setting. **2022**, 439, 106232	
306	Adakite generation as a result of fluid-fluxed melting at normal lower crustal pressures. **2022**, 594, 117744	0
305	Tectonic segmentation by N-S-trending cona cross structure in the Eastern Himalaya: Evidence from thermochronology and thermokinematic modeling. **2022**, 839, 229527	
304	Oroclinal bending of the Saishitengshan arcuate belt and implications for strike-slip faulting of the Altyn Tagh Fault. **2022**, 839, 229543	
303	3D geomechanical modeling of the Xianshuihe fault zone, SE Tibetan Plateau: Implications for seismic hazard assessment. **2022**, 839, 229546	1
302	Late Cretaceous–Early Cenozoic exhumation across the Yalong thrust belt in eastern Tibet and its implications for outward plateau growth. **2022**, 216, 103897	1
301	Crustal anisotropy beneath southeastern Tibet inferred from directional dependence of receiver functions. **2022**, 331, 106912	

300	A crystal mush origin for the high Sr/Y plutons: Insights from the Nyemo Igneous Complex in the Gangdese arc, southern Tibet. **2022**, 428-429, 106832	0
299	Early Miocene (21–23 Ma) high Sr/Y volcanic field in the Gangdese batholith, southern Tibet. **2022**, 428-429, 106807	1
298	Quantifying the long-term slip rate of Liupan Shan thrust fault through the low-temperature thermochronology.	0
297	Late Oligocene - Miocene morpho-tectonic evolution of the central Gangdese batholith constrained by low-temperature thermochronology. **2022**, 840, 229559	0
296	Geochronology, ore-forming processes and fluid sources of the Qinglonggou gold deposit, North Qaidam (NW China): Constraints from in-situ U-Pb dating of monazite and geochemistry of pyrite. **2022**, 149, 105093	0
295	Thermochronological constraints on Eocene deformation regime in the Long-Men Shan: Implications for the eastward growth of the Tibetan Plateau. **2022**, 217, 103930	0
294	Present-day fault kinematic around the eastern Himalayan Syntaxis and probable viscoelastic relaxation perturbation following the 1950 Mw 8.7 Assam earthquake. **2022**, 238, 105396	0
293	Early Jurassic high-temperature granites along eastern Bangong-Nujiang suture in Tibet and its geodynamic implications. **2022**, 430-431, 106847	0
292	From poops to planning: A broad non-invasive genetic survey of large mammals from the Indian Himalayan Region. **2022**, 853, 158679	0
291	Lithospheric dripping in a soft collision zone: Insights from late Paleozoic magmatism suites of the eastern Central Asian Orogenic Belt. **2023**, 14, 101462	0
290	Eocene Post-Collisional Alkaline Complex in the Southern Lhasa Subterrane, Tibet: Implications for the Neo-Tethyan Slab Breakoff.	0
289	Present-Day Crustal Deformation in the Southeastern Tibet: Insights from Three-Dimensional Finite-Element Modeling.	0
288	Late Cretaceous adakitic intrusive rocks in the Laimailang area, Gangdese batholith: Implications for the Neo-Tethyan Ocean subduction. **2022**, 14, 930-944	0
287	Das Dach der Welt: Hochgebirge Asiens. **2022**, 365-426	0
286	Accumulation pattern and risk assessment of metal elements in permafrost-affected soils on the Qinghai-Tibet Plateau. **2023**, 220, 106665	1
285	Two ophiolite belts in the East Kunlun Orogenic Belt record evolution from the Proto-Tethys to Paleo-Tethys Oceans. 1-20	1
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281	Rift propagation in south Tibet controlled by underthrusting of India: A case study at the Tangra Yumco graben (south Tibet).	0
280	Thermochronology constraints on the Cretaceous-Cenozoic thermo-tectonic evolution in the Gaize region, central-western Tibetan Plateau: Implications for westward extending of the proto-Tibetan Plateau. **2022**, 105419	0
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278	Formation of polymetallic ores in the metasedimentary rocks of Rangpo area, Sikkim Lesser Himalaya, India: Mineralogical and geochemical attributes.	1
277	Magmatic records of Gondwana assembly and break-up in the Eastern Himalayan syntaxis, northeast India. **2022**,	1
276	Effect of petroleum chemical fraction and residual oil content in saline lacustrine organic-rich shale: A case study from the Paleogene Dongpu depression of North China. **2022**,	1
275	AN UNUSUAL EARLY EOCENE, SYNCOLLISIONAL CARBONATITE COMPLEX AND RELATED RARE EARTH ELEMENT DEPOSIT IN THE INDIA-ASIA COLLISION ZONE, NORTHWESTERN VIETNAM.	0
274	Sediment provenance of the Lulehe Formation in the Qaidam basin: Insight to initial Cenozoic deposition and deformation in northern Tibetan plateau.	0
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272	Tectonic evolution of the Triassic Songpan-Ganzi basin as constrained by a synthesis of multi-proxy provenance data.	0
271	SIMS Zircon U-Pb Ages and O Isotope Compositions of Gabbro from the Laguoco Ophiolite from Western Shiquanhe–Yongzhu Suture Zone (Tibet) and Their Geological Significance. **2022**, 12, 1184	0
270	Constraints on complex crustal structures from gravity data and harmonic analysis of receiver functions. **2022**, 232, 656-670	0
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262	Can post-subduction porphyry Cu magmas form by partial melting of typical lower crustal amphibole-rich cumulates? Petrographic and experimental constraints from samples of the Kohistan and Gangdese arc roots.	0
261	GPS Determined Asymmetric Deformation Across Central Altyn Tagh Fault Reveals Rheological Structure of Northern Tibet. **2022**, 127,	0
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258	Reconstruction of the South Qiangtang–Zhongba–Tethyan Himalaya continental margin system along the northern Indian Plate: Insights from the paleobiogeography of the Zhongba microterrane. **2022**, 105376	0
257	Drivers of landscape evolution in eastern Tibet. **2022**, 108478	0
256	Machine Learning and Singularity Analysis Reveal Zircon Fertility and Magmatic Intensity: Implications for Porphyry Copper Potential.	1
255	Paleomagnetism and geochronology of upper Eocene volcanic rocks from the western Qiangtang block: Constraints on the post-collisional shortening in western Tibet. **2022**, 217, 103953	0
254	Late Paleozoic to Early Mesozoic Evolution of Neo-Tethys: Geochemical Evidence from Early Triassic Mafic Intrusive Rocks in the Tethyan Himalaya. 000-000	0
253	An Oligocene-Miocene intermontane narrow lowland in the central Tibetan Plateau: insights from provenance analysis and palynological record of Niubao Formation. **2022**, 105438	0
252	Multiscale lithospheric buckling dominates the Cenozoic subsidence and deformation of the Qaidam Basin: A new model for the growth of the northern Tibetan Plateau. **2022**, 234, 104201	0
251	Miocene tearing of Himalayan lithospheric mantle: Evidence from mantle-derived silicocarbonatites from the Cona rift. **2022**, 611, 121119	0
250	Restricted lithospheric extrusion in the SE Tibetan Plateau: Evidence from anisotropic Rayleigh-wave tomography. **2022**, 598, 117837	0
249	Late Paleozoic–Early Mesozoic granitic rocks in Eastern Peninsular Malaysia: New insights for the subduction and evolution of the Paleo-Tethys. **2022**, 239, 105427	1
248	Detrital zircons of the Devonian-Permian sandstones in the Qiangtang terrane, Tibet: Implication for Qiangtang rifting from Gondwana and uplift history of the Central Uplift. **2022**, 239, 105392	0
247	Petrogenesis of meta-sedimentary rocks in the deep crust of the eastern Gangdese arc. **2022**, 430-431, 106884	0

246	Formation of late Miocene silicic volcanic rocks in the central Tibetan Plateau by crustal anatexis of granulites. **2022**, 432-433, 106882	0
245	Role of Alkaline Magmatism in Formation of Porphyry Deposits in Nonarc Settings: Gangdese and Sanjiang Metallogenic Belts. **2021**, 205-229	0
244	Spatial and temporal evolution of paleo-highs/lows of the permian strata and its petroleum significance in the Sichuan basin, SW China. 1-19	0
243	Late Permian High-Ti and Low-Ti Basalts in the Songpan□anzi Terrane: Continental Breakup of the Western Margin of the South China Block. **2022**, 12, 1391	0
242	Deep Electrical Structure of the Qilian Orogenic Belt with Dynamic Implications for the Northeastern Margin of the Tibetan Plateau: Revealed by 3D Magnetotelluric Inversion Using Unstructured Tetrahedral Elements. **2022**, 2022,	0
241	Detrital zircon U-Pb geochronology of the Lunpola basin strata constrains the Cenozoic tectonic evolution of central Tibet. **2022**,	0
240	Magmatic Garnet and Magma Evolution in Cuonadong Leucogranites: Constraints from Petrology and Mineral Geochemistry. **2022**, 12, 1275	0
239	Origin and Geodynamic Mechanism of the Tibetan Demingding Porphyry Mo (Cu) Deposit from Oceanic Subduction to Continental Collision. **2022**, 12, 1266	0
238	Subduction-related mafic to felsic magmatism in the Xiangpishan concentric calc-alkaline complex, Northeast Tibetan Plateau.	0
237	Seismic constraints and geodynamic implications of differential lithosphere-asthenosphere flow revealed in East Asia. **2022**, 119,	0
236	Genesis of hydrous-oxidized parental magmas for porphyry Cu (Mo, Au) deposits in a postcollisional setting: examples from the Sanjiang region, SW China.	1
235	Eikonal tomography with physics-informed neural networks: Rayleigh wave phase velocity in the northeastern margin of the Tibetan Plateau.	0
234	IMPLICATIONS OF GARNET NUCLEATION OVERSTEPPING FOR THE P-T EVOLUTION OF THE LESSER HIMALAYAN SEQUENCE OF CENTRAL NEPAL.	0
233	Subduction and slab detachment under moving trenches during ongoing India-Asia convergence.	0
232	Age of the latest marine sedimentation in the western Kunlun area constrained by planktic foraminifera. **2022**,	0
231	Volcanic and sedimentary rocks reveal the Paleozoic tectonic evolution of the Lhasa Terrane, Tibet. 1-23	0
230	Geochronological and geochemical constraints on magmatic evolution and mineralization of the northeast Ke□ryin pluton and the newly discovered Jiada pegmatite-type lithium deposit, Western China. **2022**, 150, 105164	0
229	Late Mesozoic multi-plate convergence in East Asia: Insights from 3-D global mantle flow models. **2022**, 229636	1

228	Source parameters of the Fatehjang, Pakistan earthquake $${{M}_{w} 4.1)$$ of 28 August 2020. **2022**, 15,	0
227	Multiple skarn generations related to composite leucogranites in the Cuonadong Sn-W-Be deposit, Himalaya. **2022**, 150, 105161	0
226	Geochemical evidence for the Eocene surface uplift of the southern Lhasa subterrane, southern Tibet and the implications. **2022**, 434-435, 106919	0
225	Triassic Paleo-Tethyan slab break-off constrained by a newly discovered 211 Ma dacite–rhyolite suite in the Qiangtang terrane, central Tibet. **2022**, 240, 105444	0
224	Organic matter accumulation mechanism under global/regional warming: Insight from the Late Barremian calcareous shales in the Qiangtang Basin (Tibet). **2023**, 241, 105456	0
223	Middle-Late Miocene paleoenvironmental evolution and its implications for hominoid distribution in the southeastern Tibetan Plateau. **2023**, 220, 106676	0
222	Diverse metavolcanic sequences in the Cambrian accretionary complex at the Pamir Syntax: Implications for tectonic evolution from Proto-Tethys to Paleo-Tethys. **2023**, 241, 105481	0
221	Lithosphere architecture characterized by crust-mantle decoupling controls the formation of orogenic gold deposits.	3
220	Tibetan ore deposits: A conjunction of accretionary orogeny and continental collision. **2022**, 104245	2
219	Plutonic-subvolcanic connection of the Himalayan leucogranites: Insights from the Eocene Lhunze complex, southern Tibet. **2022**, 106939	0
218	Vertical depletion of ophiolitic mantle reflects melt focusing and interaction in sub-spreading-center asthenosphere. **2022**, 13,	0
217	The timing of the Lhasa–Qiangtang collision revealed from the paleomagnetic age of the Qiangtang Basin, Tibetan Plateau.	0
216	Crustal Density Structure and Flexure Mechanism of the Tarim Basin, China, Constrained by Latest In-situ Gravity Observations.	0
215	Relationship of the crustal structure, rheology, and tectonic dynamics beneath the Lhasa-Gangdese terrane (southern Tibet) based on a 3-D electrical model.	0
214	Multi-stage melt impregnation and magma–seawater interaction in a slow-spreading oceanic lithosphere: constraints from cumulates in the Lagkorco ophiolite (central Tibet). **2022**, 177,	0
213	Volatile evolution of magmas associated with the Bairong deposit, Tibet, and implications for porphyry Cu-Mo mineralization. **2022**, 150, 105201	0
212	Tracing tectonic processes from Proto- to Paleo-Tethys in the East Kunlun Orogen by detrital zircons. **2022**,	2
211	Potassium isotope fractionation during granitic magmatic differentiation: mineral-pair perspectives. **2022**,	0

210	Responses of Water Temperature and Level to Large Earthquakes in Tibet. **2022**, 12, 11584	0
209	The occurrence of cobalt and implications for genesis of the Pusangguo cobalt-rich skarn deposit in Gangdese, Tibet. **2022**, 150, 105193	0
208	Genesis of the Sinongduo carbonate-hosted Pb□n□g deposit in the central Lhasa terrane, Tibet.	0
207	Testing the cenozoic lower crustal flow beneath the Qinling Orogen, northeastern Tibetan Plateau. **2022**, 165, 104747	0
206	Root uptake dominates mercury accumulation in permafrost plants of Qinghai-Tibet Plateau. **2022**, 3,	1
205	Petrogenesis of mantle peridotites in Neo-Tethyan ophiolites from the Eastern Himalaya and Indo-Myanmar Orogenic Belt in the geo-tectonic framework of Southeast Asia.	1
204	??????????????????????????. **2022**, 47, 2940	0
203	Mo isotopes archive oceanic sediments in post-orogenic lithospheric mantle. **2023**, 341, 75-89	0
202	The Cretaceous stationary Lhasa terrane constrained by the paleolatitude of 103 ́Ma volcanic rocks from the Nima area. **2023**, 220, 103998	0
201	Age and compositions of garnet in a magnesian skarn Au-Cu deposit, Tibet, implications for ore-fluid evolution. **2023**, 152, 105248	0
200	Genetic pattern of the Albian volcanic rocks in the Ziruco area, Northern Tibet: Implications for A-type granites. **2023**, 436-437, 106970	0
199	A novel approach to investigating 3D fracture connectivity in ultrahigh steep rock slopes. **2023**, 161, 105291	0
198	Transcurrent tectonic system and deep seismogenic mechanism in the southeastern Tibetan Plateau: A view from gravity and magnetic anomalies. **2023**, 236, 104269	0
197	Role of carbonaceous material in gold precipitation for orogenic gold deposits: A case study of the Bangbu gold deposit in southern Tibet, China. **2023**, 152, 105231	1
196	Geochemistry and geochronology of the Miocene adakite-like potassic dikes in Tethyan Himalaya: New insights into Indian lithosphere slab tearing and breakoff. **2023**, 616, 121239	0
195	Middle Miocene paleoenvironmental change and paleoelevation of the Lunpola Basin, Central Tibet. **2023**, 220, 104009	0
194	Making the Juvenile lower continental crust by melting of contaminated oceanic mantle wedge: Evidence from the Chilas Complex in the Kohistan Island Arc, North Pakistan. **2023**, 436-437, 106952	0
193	The transition from oceanic to continental subduction and collision: A case study of the North Qaidam ultrahigh-pressure metamorphic belt, northern Tibetan Plateau. **2023**, 242, 105488	0

192	Polyphase deformation and geochronology of Late Triassic volcano-sedimentary rocks in the Yidun Terrane, eastern Qinghai-Tibet Plateau, and implications for tectonic evolution of the Paleo- and NeoTethys. **2023**, 242, 105492	0
191	Magmatic response to the closure of the Proto-Tethys Ocean: A case study from the middle Paleozoic granitoids in the Kunlun Orogen, western China. **2023**, 242, 105513	2
190	Paleozoic to Mesozoic magmatism in North Qaidam, Qinghai Province, NW China: Implications for tectonic evolution. **2023**, 115, 37-56	1
189	??????????????????. **2022**, 47, 3029	0
188	The Roof of the World: High Mountains of Asia. **2022**, 373-436	0
187	Geoheritage in Ladakh Himalaya: the Indus Suture Zone Ophiolites, Southeast of Ladakh, India. **2022**, 14,	0
186	Insights Into Episodic Exhumation of the Western Tibetan Plateau Since the Late Cretaceous From Low-Temperature Thermochronology. **2022**, 41,	0
185	Interplay between oceanic subduction and continental collision in building continental crust. **2022**, 13,	3
184	The 8 January 2022, Menyuan Earthquake in Qinghai, China: A Representative Event in the Qilian-Haiyuan Fault Zone Observed Using Sentinel-1 SAR Images. **2022**, 14, 6078	1
183	Crustal electrical structure across the Tangra-Yumco tectonic belt revealed by magnetotelluric data: new insights on the east□west extension mechanism of the Tibetan plateau.	0
182	Palynofacies, Organic Petrography, and Source Rock Potential of the Toarcian Quse Formation Oil Shale in the Tibetan Tethys, China. **2023**, 213-226	0
181	Constraints on the timing of the India-Asia collision and unroofing history of the Himalayan orogen using detrital zircon U-Pb-Hf and whole-rock Sr-Nd isotopes in Cretaceous-Miocene Lesser Himalayan sedimentary rocks.	0
180	Jurassic Paleomagnetism of the Lhasa Terrane□Implications for Tethys Evolution and True Polar Wander. **2022**, 127,	1
179	Post-collisional silica-undersaturated Bamaoqiongzong volcanic rocks from northern Qiangtang: Indicators of the mantle heterogeneity and geodynamic evolution of central Tibet.	0
178	Existence of biogeographic barriers for the long-term Neogene□Quaternary divergence and differentiation of Koenigia forrestii in the Himalaya□Hengduan Mountains.	0
177	Paleogeographic Evolution of Southeast Asia: Geochemistry and Geochronology of the Katha-Gangaw Range, Northern Myanmar. **2022**, 12, 1632	0
176	Do fault systems impede fluvial incision in active orogens?.	0
175	Paleo-Tethyan Ocean Evolution and Indosinian Orogenesis in the East Kunlun Orogen, Northern Tibetan Plateau. **2022**, 12, 1590	4

174	Multiple stages of metamorphism from the Eocene to Miocene in the Yardoi gneiss dome, eastern Himalaya: constraints from P□T□ paths.	0
173	Inventory and Frequency of Retrogressive Thaw Slumps in Permafrost Region of the Qinghai□Tibet Plateau. **2022**, 49,	0
172	Underthrusting and Pure Shear Mechanisms Dominate the Crustal Deformation Beneath the Core of the Eastern Himalayan Syntaxis as Inferred From High-Resolution Receiver Function Imaging. **2022**, 49,	0
171	Earthquake-induced impulsive release of water in the fractured aquifer system: Insights from the long-term hydrochemical monitoring of hot springs in the Southeast Tibetan Plateau. **2022**, 105553	0
170	Imaging the Northeastern Crustal Boundary of the Tibetan Plateau With Radial Anisotropy. **2022**, 49,	0
169	Rudists (Bivalvia: Hippuritida) from the Lower Cretaceous Khalsi Formation, Ladakh, India, and their palaeogeographic implications. **2022**, 105455	0
168	Tectonic setting of metamorphism and exhumation of eclogite-facies rocks in the South Beishan orogen, northwestern China.	0
167	Magma contamination in Himalayan leucogranite by metapelite host rocks: insights from chemical and boron isotopic compositions of tourmaline. 1-18	0
166	Petrogenesis and Physicochemical Conditions of Fertile Porphyry in Non-arc Porphyry Mineralization: A Case from Habo Porphyry Cu□Mo Deposits, SW China.	0
165	Across the highest mountain on Earth: discordant phylogeographic patterns and recent dispersal of Tibetan stone loaches (Triplophysa) in the Himalayas.	0
164	Sedimentary environment´of Middle Jurassic anhydrite in the´Qiangtang Basin, eastern Tethys: constraints from sulfur isotope. **2023**, 38,	0
163	3-D electrical structure and tectonic dynamics in the Yangbajing area based on the array magnetotelluric data. 10,	0
162	Two phases of crustal shortening in northeastern Tibet as a result of a stronger Qaidam lithosphere during the Cenozoic India□Asia collision.	0
161	Geology of Himalayan Soils. **2022**, 95-115	0
160	Three-dimensional magnetotelluric signatures and rheology of subducting continental crust: Insights from Sikkim Himalaya, India. **2023**, 101961	0
159	Exhumation and preservation of the Tianyu Cu-Ni deposit constrained by low-temperature thermochronology: Insights into the thermo-tectonic history of the Chinese Eastern Tianshan. **2023**, 105309	0
158	Miocene rapid strike-slip faulting along the Altyn Tagh Fault, North Tibet: Insight from sedimentology records in the Tula and Qaidam basins. **2023**, 111400	0
157	Partial melting of amphibolitic lower crust and subsequent melt-crystal separation for generation of the Early Eocene magmatism in eastern Himalaya. 10,	0

156	Discrete Element Modelling of Southeast Asia□ 3D Lithospheric Deformation during the Indian Collision.	0
155	The lithospheric S-wave velocity structure beneath the NE Tibetan Plateau and its surrounding craton basins. 10,	0
154	An early Eocene magmatic event in southern Tibet triggered by oceanic slab break-off: evidence from ocean island basalt-like mafic rocks. **2023**, 178,	0
153	Elemental composition of the topsoil fine fraction at and around the Tibetan plateau. **2023**, 121098	0
152	Norian conodonts of the South Qiangtang Terrane, North Tibet, and their palaeogeographic implications. **2023**, 111402	0
151	In-situ boron isotope and chemical composition of tourmaline in the Gyirong pegmatite, southern Tibet: Implications for petrogenesis and magma source. 10,	0
150	Regional Rupture-Based Seismic Hazard Analysis of Tripura State□ NE India. **2023**, 293-310	0
149	Crustal study based on integrated geophysical techniques in the Northwestern Himalayas, Pakistan.	0
148	Genesis of the Abunabu antimony deposits in the Tethys Himalayan metallogenic belt: Evidence from He□ Ar and S isotopes of stibnite. 10,	0
147	Post-collisional magmatism associated with the final closure of the Rushan-Pshart Meso-Tethys Ocean in Pamir, Tajikistan: Inference from Cretaceous igneous rocks of the Pshart accretionary complex. 10,	0
146	Accretionary orogenesis triggered by collision across continent distance: Evidence from the Proto-Tethyan West Kunlun, China.	0
145	Recent Uplift Characteristics of the Southeast Tibetan Plateau, an Analysis Based on Fluvial Indices. **2023**, 15, 433	0
144	Revisiting the mechanisms of mid-Tertiary uplift of the NE Tibetan plateau.	0
143	Intracontinental deformation around the fixed tip of the continental-scale, strike-slip Tan□u fault zone in eastern China.	1
142	Origin and tectonic implications of Paleocene high-Mg dioritic plutons in the Lhasa terrane, Qulong area, Tibet. **2023**, 105539	0
141	Growth of the continental crust induced by slab rollback in subduction zones: Evidence from Middle Jurassic arc andesites in central Tibet. **2023**,	0
140	Relationship between hydrogeochemical characteristics of hot springs and seismic activity in the Jinshajiang fault zone, Southeast Tibetan Plateau. 10,	0
139	Mid-Miocene sea level altitude of the Qaidam Basin, northern Tibetan Plateau. **2023**, 4,	0

138	3D velocity and anisotropy of the southeastern Tibetan plateau extracted by joint inversion of wave gradiometry, ambient noise, and receiver function. **2023**, 848, 229690	0
137	Geochemical constraints on the multistage evolution of the Yilashan ophiolite, central Tibet. **2023**, 153, 105283	0
136	A Late Jurassic magmatic flare-up triggered by break-off of the Bangong-Nujiang Meso-Tethyan slab: Insights from Jurassic arc magmatism in South Qiangtang, Central Tibet. **2023**, 438-439, 107009	0
135	Rock Magnetic Results from the Early Ordovician Limestone Rocks in the Northern Qaidam Block, Tibetan Plateau. **2023**, 13, 65	0
134	The Role of Himalayan Frontal Thrust in the Upliftment of Kimin Formation and the Migration of Sedimentary Basin in Arunachal Himalaya, Around Bandardewa, Papumpare District, Arunachal Pradesh. **2022**, 268-282	0
133	Early Eocene marine microgastropods from the Zhupure Formation in Yadong, Southern Tibet, China. **2022**,	0
132	Detrital zircon U-Pb geochronology and fluvial basin evolution of the Liuqu Conglomerate within the Yarlung Zangbo Suture Zone: A critical geochronometer for the collision tectonics of the Tibetan-Himalayan Orogenic Belt. **2023**, 100178	0
131	Geochronology, Geochemistry and Petrogenesis of the Bangbule Quartz Porphyry: Implications for the Ore Genesis.	0
130	Hydrogeochemistry of Fault-Related Hot Springs in the Qaidam Basin, China. **2023**, 13, 1415	0
129	Late Permian to early Triassic gabbro in North Lhasa, Tibet: evidence for plume subduction-zone interaction of the Palaeo-Tethys ocean. 1-16	0
128	Dense-array adjoint tomography reveals lithospheric delamination and asthenosphere upwelling beneath the western Yangtze Craton. 11,	0
127	A Bayesian Lasso Logistic Regression Model for Predicting the Probability of Regional Seismic Phase Observation Using Sn in the Middle East and East Asia as Examples.	0
126	Phanerozoic cratonization by plume welding. **2023**, 51, 209-214	0
125	Geodynamic processes control sediment routing: Insight from the Earth surface evolution of the northern South China Sea margin and SE Tibetan Plateau. **2023**, 105555	0
124	Hydrothermal Dolomitization in Devonian Khyber Limestone Peshawar Basin, Pakistan: Evidence from Outcrop Analogue, Petrography, and Geochemistry..	0
123	Lithospheric electrical structure across the Bangong-Nujiang Suture in northern tibet revealed by magnetotelluric. 10,	0
122	Origin and evolution of intercrystalline brine in the northern Qaidam Basin based on hydrochemistry and stable isotopes. 11,	0
121	Impact of extreme debris flow-induced paleodamming events on the sedimentological evolution of the middle Yarlung Tsangpo River reaches since the late Pleistocene, Tibet. 10,	0

120	Vestiges of the Kerguelen mantle plume in southern Tibet: Evidence from 117–123 Ma Magmatism in the Dingri area of the central Tethys Himalaya.	0
119	New Yuomys rodents from southeastern Qinghai-Tibet Plateau indicate low elevation during the Middle Eocene. 10,	0
118	The crustal electrical structure of a tectono-magmatic rejuvenated craton: Insights from magnetotelluric data of the northwestern Qaidam Basin, northern Tibetan Plateau. **2023**, 848, 229719	0
117	Geological implications of elements of the Pleistocene mudstone with different organism compositions and enrichment environments in the Qaidam Basin, China.	0
116	Late Triassic tectonic stress field of the southwestern Ordos Basin and its tectonic implications: Insights from finite-element numerical simulations.	0
115	New palaeomagnetic results of Permian tectonic blocks in the western segment of the Yarlung Zangbo Suture Zone and their tectonic implications.	0
114	Redox states and genesis of Cu- and Au-mineralized granite porphyries in the Jinshajiang Cu–Au metallogenic belt, SW China: studies on the zircon chemistry.	0
113	Jurassic Evolution of the Dunhuang Basin and Its Implications for the Early History of the Altyn Tagh Fault, Northeast Tibet Plateau. **2023**, 42,	0
112	High-resolution Early Triassic ammonoid biostratigraphy of South Tibet, China and implications for global correlations. **2023**, 239, 104384	0
111	Upper to middle crustal structure beneath the Longmen Shan fault zone: Implications for the growth of eastern Tibet. **2023**, 245, 105561	0
110	Upper Jurassic to Lower Cretaceous benthic foraminifera from South Tibet (Tethyan Himalayas): systematic, biostratigraphic, and palaeoecologic implications. **2023**, 78, 100713	0
109	Linkage between the India–Asia collision and far-field reactivation of the Altai mountains. **2023**, 616, 111478	0
108	Sediment recycling by continental subduction indicated by B-Hf-Pb-Nd isotopes from Miocene–Quaternary lavas in the northern margin of Tibet. **2023**, 444-445, 107109	0
107	The India-Asia collision results from two possible pre-collisional crustal configurations of northern Greater India. **2023**, 610, 118098	0
106	Identification and origin of the Late Oligocene to Miocene pyroclastic rocks in the Lunpola Basin and link with deep geodynamics in the Lhasa terrane, Tibetan Plateau. **2023**, 247, 105575	0
105	Geochemistry and zircon geochronology of the Late Triassic volcanic–sedimentary successions in northern Tibet: Implications for the provenance and tectonic evolution of the Mesozoic Qiangtang Basin. **2023**, 117, 321-343	0
104	Geochronology and skarn mineralogy of the Akesayi Fe deposit in the Western Kunlun, Xinjiang: Implications for mineralization process. **2023**, 156, 105378	0
103	Two pulses of metallogenesis of the Liwu Stratiform-like Cu-Rich polymetallic Deposit, western China: Evidences from Geology, Re-Os dating and lead isotope. **2023**, 156, 105373	0

102	Late Oligocene mountain building of the East Kunlun Shan in northeastern Tibet: Impact on the Cenozoic climate evolution in East Asia. **2023**, 224, 104114	0
101	Middle Miocene final demise of remnants of an eastern Neotethyan seaway, Naga Hills, Indo-Myanmar Range. **2023**, 181, 102243	0
100	Crustal accretion in a slow-spreading center of Meso-Tethyan Ocean: Constraints from cumulates in the Dongco ophiolite (Central Tibet). **2023**, 446-447, 107144	0
99	Paleogene tectonic deformation on the eastern Tibetan Plateau: Evidence from sedimentary sequences and apatite fission track thermochronology in the Nangqian Basin. **2023**, 248, 105611	0
98	Deciphering source-to-sink history from a solute perspective: A Sr isotope approach in the Qaidam Basin, NE Tibet. **2023**, 118, 76-91	0
97	Crust□mantle interaction beneath the Pamir orogenic belt: Insights from the Miocene Dunkeldik carbonatite□syenite complex in Tajikistan. **2023**, 157, 105411	0
96	Crustal thickening and uplift of the northwestern Lhasa Terrane, central Tibetan Plateau: Insights from Mid-Eocene volcanic rocks in the Gerze Region. **2023**, 446-447, 107157	0
95	Late Triassic to Middle Jurassic tectonic evolution of the South China Block: Geodynamic transition from the Paleo-Tethys to the Paleo-Pacific regimes. **2023**, 241, 104404	0
94	High degree partial melting of the metasomatized mantle: A possible source for the Eocene-Oligocene porphyry Cu-Au-Mo deposits in Lut block, Eastern Iran. **2023**, 157, 105386	0
93	Accelerated hydrological cycle during the Toarcian oceanic anoxic event: Biomarker evidence in the Qiangtang Basin, eastern Tethys. **2023**, 249, 105627	0
92	Origin and tectonic significance of Eocene sodic lamprophyres in the Southern Qiangtang Orogen, Tibet. **2023**, 250, 105629	0
91	The evolution of Kerguelen mantle plume and breakup of eastern Gondwana: New insights from multistage Cretaceous magmatism in the Tethyan Himalaya. **2023**, 119, 68-85	0
90	Mineralogy and geochemistry of the Zedong Late Cretaceous (~94 Ma) biotite granodiorite in the Southern Lhasa Terrane: Implications for the tectonic setting and Cu-Au mineralization. **2023**, 446-447, 107158	0
89	Cenozoic low temperature cooling history of the eastern Lhasa terrane: Implications for high-relief topography of external drainage area in the southern Tibetan Plateau. **2023**, 14, 101610	0
88	Eocene paleoelevation of the Tuoyun Basin, northeastern Pamirs: Evidence from a lava-vesicle-based paleoaltimeter. **2023**, 9, 100144	0
87	Lower Cretaceous deep marine deposits in western Tibet: Implications for paleoceanographic evolution of the Mesotethyan Ocean. **2023**, 148, 105527	0
86	Linking rapid eruption of the Linzizong volcanic rocks and Early Eocene Climatic Optimum (EECO): Constraints from the Pana Formation in the Linzhou and Pangduo basins, southern Tibet. **2023**, 446-447, 107159	0
85	Lithospheric controls on the formation of the Qilian Shan plateau: Evidence from apatite (U Th)/He and cosmogenic 21Ne results in the Central Qilian Shan. **2023**, 620, 111563	0

84	Melting a melt-metasomatized subcontinental lithospheric mantle: Evidence from Oligocene lamproites within the Gangdese batholith, southern Tibet. **2023**, 448-449, 107163	0
83	Revisiting the boundary between the Central Asian Orogenic Belt and North China Craton in Alxa area, China: Insights from zircon U-Pb ages and Hf isotopes of Phanerozoic granitoids. **2023**, 119, 119-137	0
82	Sedimentary environments of middle Eocene sediments in the northern Qiangtang Basin, northern Tibetan Plateau: Implications for paleoclimate and paleoelevation. **2023**, 245, 105551	0
81	New insights into tectonic evolution and deformation mechanism of continental foreland fold-thrust belt. **2023**, 245, 105556	0
80	Sunda subduction drives ongoing India-Asia convergence. **2023**, 849, 229727	0
79	A new method of variational Bayesian slip distribution inversion. **2023**, 97,	0
78	Different magma differentiation processes of post-onset collision adakitic rocks in the Gangdese Batholith: Evidence from zircon trace elements. **2023**, 620, 121345	0
77	Response of the North Lhasa terrane to the initial break-up of Rodinia: Evidence from the newly identified early Neoproterozoic gabbros in the Asa area, southern Tibet. **2023**, 386, 106971	0
76	Eastward expansion of the Tibetan plateau: Insights from stress drops of the 2021 Ms 6.4 Yangbi, Yunnan and Ms 7.4 Maduo, Qinghai earthquake sequences in China. 11,	0
75	The Geodynamic Implications of Passive Margin Subduction in Northwest Turkey. **2023**, 24,	0
74	The initial slab rollback of Neo-Tethys Ocean: Constrain from Gongga adakitic rocks and enclaves in the late Cretaceous. **2023**, 440-441, 107050	0
73	Using Zircons to Disentangle Back-Veining and Hybridization of Diorite Dykes: an Example From the Gangdese Arc, Tibet. **2023**, 64,	0
72	Edge-driven asthenospheric convection beneath the North China Craton: A numerical study. **2023**, 849, 229726	0
71	Magmatic fluid input controlling the geochemical and isotopic characteristics of geothermal waters along the Yadong-Gulu rift, southern Tibetan Plateau. **2023**, 619, 129196	0
70	A Smaller Greater India and a Middle-Early Eocene Collision With Asia. **2023**, 50,	1
69	Anomalous Lithospheric Magnetic Field over the Indo-Asian Collision Territory According to CHAMP Satellite Data. **2022**, 58, 1077-1085	0
68	Long-term and multiple stage exhumation of the Ordos Basin, western North China Craton: Insights from seismic reflection, borehole and geochronological data. **2023**, 238, 104349	0
67	Role of the Ruoergai Subblock in tectonic partitioning on the eastern margin of Tibet. **2023**, 315, 107042	0

66	Tectonic Rotation Pattern at the Northern End of the Red River Fault System in SE Tibet: New Paleomagnetic Evidence From Cretaceous Red Beds. **2023**, 42,	0
65	Hydrothermal fluid evolution in the Cuonadong Sn□W□Be polymetallic deposit, southern Tibet: indicated by the in□situ element and boron isotope compositions of tourmaline. 11,	0
64	Origin of biotite-rich xenoliths in the Eocene Beiya porphyry: Implications for upper-crustal Au remobilization and formation of giant porphyry Au systems in a collisional setting. **2023**, 442-443, 107063	0
63	Petrogenesis of the Quxu intrusive complex: Implications for Eocene magmatism in the southern Lhasa Terrane, Tibet.	0
62	Geochemical features and seismic imaging of the tectonic zone between the Tibetan Plateau and Ordos Block, central northern China. **2023**, 622, 121386	0
61	Isotope Geochemistry of the Heihaibei Gold Deposit within the Kunlun River Area in the Eastern Kunlun Orogen in Northwest China and Its Metallogenic Implications. **2023**, 13, 274	0
60	Deformation of the Qinling belt revealed byP-wave velocity and azimuthal anisotropy tomography. **2023**, 234, 263-279	0
59	Crustal deformation study of Kashmir basin: Insights from PSInSAR based time series analysis. **2023**, 211, 104979	1
58	Deep seismogenic tectonics of Yangbi MS6.4 on 21 May 2021 in the SE margin of the Tibetan plateau from earthquake sequence relocation, stress field and seismic anisotropy. **2023**, 851, 229768	0
57	Electrical structure of Gulu geothermal field in Southern Tibet and its implication for the high-temperature geothermal system. 11,	0
56	Compositions and ages of Early Cretaceous volcanic and plutonic rocks in central Tibet: Insights into the magmatic and uplift response to slab breakoff. **2023**, 19, 583-598	0
55	Upper-Mantle Velocity Heterogeneity of Eastern Tibetan Plateau from Teleseismic P-Wave Tomography and Its Tectonic Implications. **2023**, 34, 280-290	0
54	Tectonic Background of Carboniferous to Early Permian Sedimentary Rocks in the East Kunlun Orogen: Constraints from Geochemistry and Geochronology. **2023**, 13, 312	0
53	Crustal radial anisotropy shear wave velocity of SE Tibet from ambient noise tomography. **2023**, 852, 229756	0
52	Shallow subduction of Indian slab and tectono-magmatic control on post-collisional porphyry mineralization in southeastern Tibet. **2023**, 155, 105360	0
51	Detrital zircon U□Pb isotopes and whole-rock geochemistry of early Palaeozoic sediments of the Baoshan and Lancang Blocks, SW China: Implications for Proto-Tethys evolution and Gondwana reconstruction.	0
50	Soil bacterial diversity in the tropical dry deciduous forest of Ajodhya hills, Purulia, West Bengal. **2023**,	0
49	Uppermost Mantle Seismic Pn -Velocity in Continental China and Its Tectonic Implications. **2023**, 128,	0

48	Strong Variability in the Thermal Structure of Tibetan Lithosphere. **2023**, 128,	0
47	Late Cretaceous and Early Palaeocene intermediate-felsic intrusions from the Maizhokunggar region, southern Lhasa, Tibet: Implications for the geodynamic transition from oceanic subduction to continental collision.	0
46	Detrital zircon U Pb geochronology of modern river sediment in the Eastern Pamir Syntaxis and its implications for the formation of the Pamir and growth of the Tibetan Plateau. **2023**, 616, 111487	0
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41	Late Cretaceous-Palaeocene arc magmatism in Bumeicun, Gangdese, southern Tibet: Products of slab rollback of Neo-Tethyan Ocean?.	0
40	Early cretaceous bimodal volcanic rocks in Wuga Co area, central tibet: The first identification of direct products derived from slab sinking in the Bangong-Nujiang suture zone. 11,	0
39	Late Neoproterozoic□Cambrian eclogites and high-pressure granulites in the Central Qilian terrane (China) record the earliest subduction of Proto-Tethyan Ocean in the eastern Tethysides.	0
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36	Deciphering mantle heterogeneity associated with ancient subduction-related metasomatism: Insights from Mg-K isotopes in potassic alkaline rocks. **2023**, 348, 258-277	0
35	Effect of rheological heterogeneities on the lithospheric deformation of the Tibetan Plateau and neighbouring regions. 11,	0
34	Petrogenesis of the Ore-Related Intrusions of the Aikengdelesite Mo (□u) and Halongxiuma Mo Deposits: Implication for Geodynamic Evolution and Mineralization in the East Kunlun Orogen, Northwest China. **2023**, 13, 447	0
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32	Less-Well-Developed Crustal Channel-Flow in the Central Tibetan Plateau Revealed by Receiver Function and Surface Wave Joint Inversion. **2023**, 128,	0
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20	Magnetostratigraphy of the Tuotuohe Formation in the Tuotuohe Basin, Central-Northern Tibetan Plateau: Paleolatitude and Paleoenvironmental Implications. **2023**, 13, 533	0
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12	Early Cretaceous Thrust and Nappe Tectonics in North Qilian Shan, Northern Tibetan Plateau: Evidence from Field Mapping, Geochronology, and Deep Structural Analysis.	0
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5	THE VOLGA-DON COLLISIONAL OROGEN IN THE EAST EUROPEAN CRATON AS THE PALEOPROTEROZOIC ANALOGUE OF THE HIMALAYAN-TIBETAN OROGEN. **2023**, 14,	0
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1	Middle Jurassic Paleolatitude of the Tethyan Himalaya: New Insights Into the Evolution of the Neo-Tethys Ocean. **2023**, 128,	0