Lothar Ratschbacher

List of Publications by Year in Descending Order

148 papers	10,114 citations	50 h-index	99 g-index
161 ext. papers	11,074 ext. citations	4.4 avg, IF	5.69 L-index

#	Paper	IF	Citations
148	Short communication: Experimental factors affecting fission-track counts in apatite. *Geochronology*, **2022**, 4, 109-119	3.8	0
147	Eburnean/Trans-Amazonian orogeny in the Nyong complex of southwestern Cameroon: Meta-basite geochemistry and metamorphic petrology. *Journal of African Earth Sciences*, **2022**, 190, 104515	2.2	0
146	Polyphase deformation in the Badu complex: Insights into Triassic intraplate orogeny in South China. *Journal of Structural Geology*, **2021**, 104475	3	1
145	Tajik Depression and Greater Pamir Neotectonics From InSAR Rate Maps. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2021JB022775	3.6	0
144	Structure and Stress Field of the Lithosphere Between Pamir and Tarim. *Geophysical Research Letters*, **2021**, 48, e2021GL095413	4.9	2
143	The Hindu Kush slab break-off as revealed by deep structure and crustal deformation. *Nature Communications*, **2021**, 12, 1685	17.4	11
142	The closure temperature(s) of zircon Raman dating. *Geochronology*, **2021**, 3, 259-272	3.8	3
141	How diverse is the source? Age, provenance, reworking, and overprint of Precambrian meta-sedimentary rocks of West Gondwana, Cameroon, from zircon U-Pb geochronology. *Precambrian Research*, **2021**, 359, 106220	3.9	12
140	Protracted late Neoproterozic–early Palaeozoic deformation and cooling history of SE Rondane, East Antarctica, from 40Ar/39Ar and U–Pb geochronology. *Geological Magazine*, **2021**, 158, 635-655	2	3
139	New U–Pb zircon ages of Nyong Complex meta-plutonites: Implications for the Eburnean/Trans-Amazonian Orogeny in southwestern Cameroon (Central Africa). *Geological Journal*, **2021**, 56, 1741-1755	1.7	7
138	Window-Based Morphometric Indices as Predictive Variables for Landslide Susceptibility Models. *Remote Sensing*, **2021**, 13, 451	5	3
137	Zircon Raman dating: Age equation and calibration. *Chemical Geology*, **2021**, 579, 120351	4.2	2
136	Southeastern continuation of the Bangong-Nujiang suture zone: Constraints from Middle Jurassic–Early Cretaceous sedimentary rocks in the western Baoshan block, SW China. *Journal of Asian Earth Sciences*, **2021**, 221, 104944	2.8	4
135	Tajik Basin and Southwestern Tian Shan, Northwestern India-Asia Collision Zone: 1. Structure, Kinematics, and Salt Tectonics in the Tajik Fold-and-Thrust Belt of the Western Foreland of the Pamir. *Tectonics*, **2020**, 39, e2019TC005871	4.3	6
134	Tajik Basin and Southwestern Tian Shan, Northwestern India-Asia Collision Zone: 2. Timing of Basin Inversion, Tian Shan Mountain Building, and Relation to Pamir-Plateau Advance and Deep India-Asia Indentation. *Tectonics*, **2020**, 39, e2019TC005873	4.3	8
133	Tajik Basin and Southwestern Tian Shan, Northwestern India-Asia Collision Zone: 3. Preorogenic to Synorogenic Retro-foreland Basin Evolution in the Eastern Tajik Depression and Linkage to the Pamir Hinterland. *Tectonics*, **2020**, 39, e2019TC005874	4.3	6
132	Early Devonian (415–400 Ma) A-type granitoids and diabases in the Wuyishan, eastern Cathaysia: A signal of crustal extension coeval with the separation of South China from Gondwana. *Bulletin of the Geological Society of America*, **2020**, 132, 2295-2317	3.9	5

131	Dense GNSS Profiles Across the Northwestern Tip of the India-Asia Collision Zone: Triggered Slip and Westward Flow of the Peter the First Range, Pamir, Into the Tajik Depression. *Tectonics*, **2020**, 39, e2019TC005797	4.3	6
130	The Alichur Dome, South Pamir, Western India–Asia Collisional Zone: Detailing the Neogene Shakhdara–Alichur Syn-collisional Gneiss-Dome Complex and Connection to Lithospheric Processes. *Tectonics*, **2020**, 39, e2019TC005735	4.3	10
129	Building Southeast China in the late Mesozoic: Insights from alternating episodes of shortening and extension along the Lianhuashan fault zone. *Earth-Science Reviews*, **2020**, 201, 103056	10.2	30
128	Some geometrical properties of fission-track-surface intersections in apatite. *American Mineralogist* , **2020**, 105, 1355-1364	2.9	2
127	A borehole investigation of zircon radiation damage annealing. *Terra Nova*, **2019**, 31, 263-270	3	10
126	The Crust in the Pamir: Insights From Receiver Functions. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 9313-9331	3.6	21
125	Seismotectonics of the Tajik Basin and Surrounding Mountain Ranges. *Tectonics*, **2018**, 37, 2404-2424	4.3	20
124	Cenozoic structural evolution, thermal history, and erosion of the Ukrainian Carpathians fold-thrust belt. *Tectonophysics*, **2018**, 722, 197-209	3.1	9
123	Building the Pamir-Tibetan Plateau—Crustal stacking, extensional collapse, and lateral extrusion in the Central Pamir: 1. Geometry and kinematics. *Tectonics*, **2017**, 36, 342-384	4.3	49
122	Building the Pamir-Tibetan Plateau—Crustal stacking, extensional collapse, and lateral extrusion in the Central Pamir: 2. Timing and rates. *Tectonics*, **2017**, 36, 385-419	4.3	49
121	Sichuan Basin and beyond: Eastward foreland growth of the Tibetan Plateau from an integration of Late Cretaceous-Cenozoic fission track and (U-Th)/He ages of the eastern Tibetan Plateau, Qinling, and Daba Shan. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 4712-4740	3.6	54
120	Middle and Late Pleistocene glaciations in the southwestern Pamir and their effects on topography. *Earth and Planetary Science Letters*, **2017**, 466, 181-194	5.3	8
119	A view into crustal evolution at mantle depths. *Earth and Planetary Science Letters*, **2017**, 465, 59-69	5.3	17
118	The 2015 Mw7.2 Sarez Strike-Slip Earthquake in the Pamir Interior: Response to the Underthrusting of India's Western Promontory. *Tectonics*, **2017**, 36, 2407-2421	4.3	18
117	Foundering Triggered by the Collision of India and Asia Captured in Xenoliths. *Tectonics*, **2017**, 36, 1913-1933	4.3	12
116	Building the Pamir-Tibet Plateau—Crustal stacking, extensional collapse, and lateral extrusion in the Pamir: 3. Thermobarometry and petrochronology of deep Asian crust. *Tectonics*, **2017**, 36, 1743-1766	4.3	25
115	Single-track length measurements of step-etched fission tracks in Durango apatite: Vorsprung durch Technik. *American Mineralogist*, **2017**,	2.9	1
114	Proterozoic–Mesozoic history of the Central Asian orogenic belt in the Tajik and southwestern Kyrgyz Tian Shan: U-Pb,40Ar/39Ar, and fission-track geochronology and geochemistry of granitoids. *Bulletin of the Geological Society of America*, **2017**, 129, 281-303	3.9	33

113	Cenozoic intracontinental deformation and exhumation at the northwestern tip of the India-Asia collision□outhwestern Tian Shan, Tajikistan, and Kyrgyzstan. *Tectonics*, **2016**, 35, 2171-2194	4.3	38
112	Deep India meets deep Asia: Lithospheric indentation, delamination and break-off under Pamir and Hindu Kush (Central Asia). *Earth and Planetary Science Letters*, **2016**, 435, 171-184	5.3	107
111	10Be surface-exposure age dating of the Last Glacial Maximum in the northern Pamir (Tajikistan). *Quaternary Geochronology*, **2016**, 34, 47-57	2.7	6
110	Xe- and U-tracks in apatite and muscovite near the etching threshold. *Nuclear Instruments & Methods in Physics Research B*, **2015**, 343, 146-152	1.2	3
109	The densities and dimensions of recoil-track etch pits in mica. *Chemical Geology*, **2015**, 404, 52-61	4.2	1
108	Titanite petrochronology of the Pamir gneiss domes: Implications for middle to deep crust exhumation and titanite closure to Pb and Zr diffusion. *Tectonics*, **2015**, 34, 784-802	4.3	73
107	Standardless fission-track dating of the Durango apatite age standard. *Chemical Geology*, **2015**, 417, 44-57	4.2	17
106	The KTB apatite fission-track profiles: Building on a firm foundation?. *Geochimica Et Cosmochimica Acta*, **2015**, 167, 27-62	5.5	20
105	Clockwise rotation of the Baoshan Block due to southeastward tectonic escape of Tibetan crust since the Oligocene. *Geophysical Journal International*, **2014**, 197, 149-163	2.6	24
104	The 2008 Nura earthquake sequence at the Pamir-Tian Shan collision zone, southern Kyrgyzstan. *Tectonics*, **2014**, 33, 2382-2399	4.3	24
103	Resistivity structure underneath the Pamir and Southern Tian Shan. *Geophysical Journal International*, **2014**, 198, 564-579	2.6	37
102	Seismotectonics of the Pamir. *Tectonics*, **2014**, 33, 1501-1518	4.3	86
101	Apparent paleomagnetic rotations reveal Pliocene□Holocene internal deformation of the Tengchong Block, southeastern Tibetan Plateau. *Journal of Asian Earth Sciences*, **2014**, 96, 1-16	2.8	8
100	High-resolution 40Ar/39Ar dating using a mechanical sample transfer system combined with a high-temperature cell for step heating experiments and a multicollector ARGUS noble gas mass spectrometer. *Geochemistry, Geophysics, Geosystems*, **2014**, 15, 2713-2726	3.6	26
99	Early evolution of the Pamir deep crust from Lu-Hf and U-Pb geochronology and garnet thermometry. *Geology*, **2014**, 42, 1047-1050	5	32
98	Cenozoic clockwise rotation of the Tengchong block, southeastern Tibetan Plateau: A paleomagnetic and geochronologic study. *Tectonophysics*, **2014**, 628, 105-122	3.1	32
97	Deep burial of Asian continental crust beneath the Pamir imaged with local earthquake tomography. *Earth and Planetary Science Letters*, **2013**, 384, 165-177	5.3	73
96	A comparison between neutron-fluence measurements using metal-activation monitors and standard glasses calibrated via thin uranium-fission monitors and via □ method. *Radiation Measurements*, **2013**, 53-54, 38-44	1.5	6

95	Synchronous Oligocene-Miocene metamorphism of the Pamir and the north Himalaya driven by plate-scale dynamics. *Geology*, **2013**, 41, 1071-1074	5	61
94	Late-stage foreland growth of China's largest orogens (Qinling, Tibet): Evidence from the Hannan-Micang crystalline massifs and the northern Sichuan Basin, central China. *Lithosphere*, **2013**, 5, 420-437	2.7	35
93	The giant Shakhdara migmatitic gneiss dome, Pamir, India-Asia collision zone: 1. Geometry and kinematics. *Tectonics*, **2013**, 32, n/a-n/a	4.3	20
92	The heart of China revisited, I. Proterozoic tectonics of the Qin mountains in the core of supercontinent Rodinia. *Tectonics*, **2013**, 32, 661-687	4.3	68
91	The giant Shakhdara migmatitic gneiss dome, Pamir, India-Asia collision zone: 2. Timing of dome formation. *Tectonics*, **2013**, 32, 1404-1431	4.3	84
90	Meso-Cenozoic tectonic evolution of the Dangyang Basin, north-central Yangtze craton, central China. *International Geology Review*, **2013**, 55, 382-396	2.3	15
89	The Heart of China revisited: II Early Paleozoic (ultra)high-pressure and (ultra)high-temperature metamorphic Qinling orogenic collage. *Tectonics*, **2013**, 32, n/a-n/a	4.3	17
88	Intra-continental Dabashan orocline, southwestern Qinling, Central China. *Journal of Asian Earth Sciences*, **2012**, 46, 20-38	2.8	80
87	Multi-chronometric dating of the Huarong granitoids from the middle Yangtze Craton: Implications for the tectonic evolution of eastern China. *Journal of Asian Earth Sciences*, **2012**, 52, 73-87	2.8	23
86	New igneous zircon Pb/Pb and metamorphic Rb/Sr ages in the Yaounde Group (Cameroon, Central Africa): implications for the Central African fold belt evolution close to the Congo Craton. *International Journal of Earth Sciences*, **2012**, 101, 1689-1703	2.2	18
85	Crustal and uppermost mantle velocity structure along a profile across the Pamir and southern Tien Shan as derived from project TIPAGE wide-angle seismic data. *Geophysical Journal International*, **2012**, 188, 385-407	2.6	93
84	Direct observation of fault zone structure at the brittle-ductile transition along the Salzach-Ennstal-Mariazell-Puchberg fault system, Austrian Alps. *Journal of Geophysical Research*, **2011**, 116,		18
83	The geometry of the Archean, Paleo- and Neoproterozoic tectonics in the Southwest Cameroon. *Comptes Rendus - Geoscience*, **2011**, 343, 312-322	1.4	26
82	The interaction of two indenters in analogue experiments and implications for curved fold-and-thrust belts. *Earth and Planetary Science Letters*, **2011**, 302, 132-146	5.3	49
81	Cenozoic deep crust in the Pamir. *Earth and Planetary Science Letters*, **2011**, 312, 411-421	5.3	100
80	Rifting and strike-slip shear in central Tibet and the geometry, age and kinematics of upper crustal extension in Tibet. *Geological Society Special Publication*, **2011**, 353, 127-163	1.7	46
79	Pan-African metamorphic evolution in the southern Yaounde Group (Oubanguide Complex, Cameroon) as revealed by EMP-monazite dating and thermobarometry of garnet metapelites. *Journal of African Earth Sciences*, **2011**, 59, 125-139	2.2	50
78	Growth and collapse of the Tibetan Plateau: introduction. *Geological Society Special Publication*, **2011**, 353, 1-8	1.7	3

77	Annealing kinetics of Kr-tracks in monazite: Implications for fission-track modelling. *Chemical Geology*, **2009**, 260, 129-137	4.2	11
76	Timing of post-obduction granitoids from intrusion through cooling to exhumation in central Anatolia, Turkey. *Tectonophysics*, **2009**, 473, 223-233	3.1	32
75	The North American-Caribbean Plate boundary in Mexico-Guatemala-Honduras. *Geological Society Special Publication*, **2009**, 328, 219-293	1.7	60
74	Progressive strain localization in a major strike-slip fault exhumed from midseismogenic depths: Structural observations from the Salzach-Ennstal-Mariazell-Puchberg fault system, Austria. *Journal of Geophysical Research*, **2009**, 114,		28
73	Revelation of nuclear tracks and dislocations: A Monte Carlo simulation of mineral etching. *Geochimica Et Cosmochimica Acta*, **2008**, 72, 3184-3199	5.5	6
72	Localized ductile shear below the seismogenic zone: Structural analysis of an exhumed strike-slip fault, Austrian Alps. *Journal of Geophysical Research*, **2007**, 112,		29
71	Measurements of fossil confined fission tracks in ion-irradiated apatite samples with low track densities. *Nuclear Instruments & Methods in Physics Research B*, **2007**, 259, 943-950	1.2	10
70	How was the Triassic Songpan-Ganzi basin filled? A provenance study. *Tectonics*, **2007**, 26, n/a-n/a	4.3	115
69	Confined fission tracks in ion-irradiated and step-etched prismatic sections of Durango apatite. *Chemical Geology*, **2007**, 242, 202-217	4.2	35
68	The Sino-Korean–Yangtze suture, the Huwan detachment, and the Paleozoic–Tertiary exhumation of (ultra)high-pressure rocks along the Tongbai-Xinxian-Dabie Mountains **2006**,		42
67	Cenozoic exhumation and deformation of northeastern Tibet and the Qinling: Is Tibetan lower crustal flow diverging around the Sichuan Basin?. *Bulletin of the Geological Society of America*, **2006**, 118, 651-671	3.9	187
66	High-temperature geochronology constraints on the tectonic history and architecture of the ultrahigh-pressure Dabie-Sulu Orogen. *Tectonics*, **2006**, 25, n/a-n/a	4.3	211
65	Near-Ultrahigh Pressure Processing of Continental Crust: Miocene Crustal Xenoliths from the Pamir. *Journal of Petrology*, **2005**, 46, 1661-1687	3.9	146
64	The effects of radiation damage accumulation and annealing on fission-track dating of titanite. *Nuclear Instruments & Methods in Physics Research B*, **2005**, 227, 567-576	1.2	7
63	Absolute measurements of the uranium concentration in thick samples using fission-track detectors. *Nuclear Instruments & Methods in Physics Research B*, **2005**, 229, 489-498	1.2	12
62	Alpha-recoil track densities in mica and radiometric age determination. *Radiation Measurements*, **2005**, 40, 503-508	1.5	5
61	Seismic and aseismic weakening effects in transtension: field and microstructural observations on the mechanics and architecture of a large fault zone in SE Tibet. *Geological Society Special Publication*, **2005**, 245, 109-141	1.7	8
60	Precise temperature estimation in the Tibetan crust from seismic detection of the □quartz transition. *Geology*, **2004**, 32, 601	5	94

59	Subduction, collision and exhumation in the ultrahigh-pressure Qinling-Dabie orogen. *Geological Society Special Publication*, **2004**, 226, 157-175	1.7	134
58	Assembly of the Pamirs: Age and origin of magmatic belts from the southern Tien Shan to the southern Pamirs and their relation to Tibet. *Tectonics*, **2004**, 23, n/a-n/a	4.3	236
57	Formation, subduction, and exhumation of Penninic oceanic crust in the Eastern Alps: time constraints from 40Ar/39Ar geochronology. *Tectonophysics*, **2004**, 394, 155-170	3.1	56
56	A repositioning technique for counting induced fission tracks in muscovite external detectors in single-grain dating of minerals with low and inhomogeneous uranium concentrations. *Radiation Measurements*, **2003**, 37, 217-219	1.5	30
55	When did the ultrahigh-pressure rocks reach the surface? A 207Pb/206Pb zircon, 40Ar/39Ar white mica, Si-in-white mica, single-grain provenance study of Dabie Shan synorogenic foreland sediments. *Chemical Geology*, **2003**, 197, 87-110	4.2	102
54	Tectonics of the Qinling (Central China): tectonostratigraphy, geochronology, and deformation history. *Tectonophysics*, **2003**, 366, 1-53	3.1	654
53	Building the Pamirs: The view from the underside. *Geology*, **2003**, 31, 849	5	109
52	Interplay between subduction retreat and lateral extrusion: Tectonics of the Western Carpathians. *Tectonics*, **2002**, 21, 1-1-1-24	4.3	127
51	Cretaceous□enozoic history of the southern Tan-Lu fault zone: apatite fission-track and structural constraints from the Dabie Shan (eastern China). *Tectonophysics*, **2002**, 359, 225-253	3.1	128
50	Rietveld texture analysis of Dabie Shan eclogite from TOF neutron diffraction spectra. *Journal of Applied Crystallography*, **2001**, 34, 442-453	3.8	42
49	Normal faulting in central Tibet since at least 13.5 Myr ago. *Nature*, **2001**, 412, 628-32	50.4	319
48	Crustal structure of the eastern Dabie Shan interpreted from deep reflection and shallow tomographic data. *Tectonophysics*, **2001**, 333, 347-359	3.1	32
47	Kinematics of exhumation of high- and ultrahigh-pressure rocks in the Hong'an and Tongbai Shan of the Qinling-Dabie collisional orogen, eastern China **2001**,		10
46	Pseudotachylites in the Eastern Peninsular Ranges of California. *Tectonophysics*, **2000**, 321, 253-277	3.1	72
45	Exhumation of ultrahigh-pressure continental crust in east central China: Late Triassic-Early Jurassic tectonic unroofing. *Journal of Geophysical Research*, **2000**, 105, 13339-13364		500
44	Exhumation of the ultrahigh-pressure continental crust in east central China: Cretaceous and Cenozoic unroofing and the Tan-Lu fault. *Journal of Geophysical Research*, **2000**, 105, 13303-13338		285
43	Hot and dry deep crustal xenoliths from tibet. *Science*, **2000**, 287, 2463-6	33.3	243
42	How did the foreland react? Yangtze foreland fold-and-thrust belt deformation related to exhumation of the Dabie Shan ultrahigh-pressure continental crust (eastern China). *Terra Nova*, **1999**, 11, 266-272	3	38

41	Thermochronologic constraints on deformation and cooling history of high- and ultrahigh-pressure rocks in the Qinling-Dabie orogen, eastern China. *Tectonics*, **1999**, 18, 621-638	4.3	150
40	Midcrustal reflector on INDEPTH wide-angle profiles: An ophiolitic slab beneath the India-Asia suture in southern Tibet?. *Tectonics*, **1999**, 18, 793-808	4.3	65
39	Kinematics of an arcuate fold–thrust belt: the southern Eastern Carpathians (Romania). *Tectonophysics*, **1998**, 297, 177-207	3.1	43
38	U/Pb zircon ages constrain the architecture of the ultrahigh-pressure Qinling–Dabie Orogen, China. *Earth and Planetary Science Letters*, **1998**, 161, 215-230	5.3	744
37	Exhumation of Ultrahigh-Pressure Rocks: Thermal Boundary Conditions and Cooling History. *Petrology and Structural Geology*, **1998**, 117-139		21
36	Build-up and dismembering of the eastern Northern Calcareous Alps. *Tectonophysics*, **1997**, 272, 97-124	3.1	52
35	Seismic mapping of crustal structures beneath the Indus-Yarlung Suture, Tibet. *Terra Nova*, **1997**, 9, 42-46	3	9
34	Stress transmission across an active plate boundary: an example from southern Mexico. *Tectonophysics*, **1996**, 266, 81-100	3.1	39
33	INDEPTH Wide-Angle Reflection Observation of P-Wave-to-S-Wave Conversion from Crustal Bright Spots in Tibet. *Science*, **1996**, 274, 1690-1	33.3	123
32	What brought them up? Exhumation of the Dabie Shan ultrahigh-pressure rocks. *Geology*, **1995**, 23, 743	5	172
31	Transpressional collision structures in the upper crust: the fold-thrust belt of the Northern Calcareous Alps. *Tectonophysics*, **1995**, 242, 41-61	3.1	96
30	Quaternary deformation in the Eastern Pamirs, Tadzhikistan and Kyrgyzstan. *Tectonics*, **1995**, 14, 1061-1079	4.3	103
29	The Xigaze forearc basin: evolution and facies architecture (Cretaceous, Tibet). *Sedimentary Geology*, **1994**, 90, 1-32	2.8	121
28	A neutron goniometer study of the preferred orientation of calcite in fine-grained deep-sea carbonate. *Sedimentary Geology*, **1994**, 89, 315-324	2.8	4
27	The origin of a terrane: U/Pb zircon geochronology and tectonic evolution of the Xolapa complex (southern Mexico). *Tectonics*, **1994**, 13, 455-474	4.3	82
26	Distributed deformation in southern and western Tibet during and after the India-Asia collision. *Journal of Geophysical Research*, **1994**, 99, 19917-19945		341
25	Reply [to "Comment on 'Magnetic fabrics, crystallographic preferred orientation, and strain of progressively deformed metamorphosed pelites in the Helvetic zone of the Central Alps (Quartenschiefer Formation)' by Carl Richter, Lothar Ratschbacher, and Wolfgang Frisch"]. *Journal of Geophysical Research*, **1994**, 99, 21829-21831		1
24	Comment on "Paleomagnetic study of the Eocene Quxu pluton of the Gangdese Belt: Crustal deformation along the Indus-Zangbo suture zone in Southern Tibet" by Y. Otofuji et al.. *Earth and Planetary Science Letters*, **1993**, 115, 287-292	5.3	

23	Magnetic fabrics, crystallographic preferred orientation, and strain of progressively Metamorphosed pelites in the Helvetic Zone of the Central Alps (Quartenschiefer Formation). *Journal of Geophysical Research*, **1993**, 98, 9557		14
22	Cretaceous to Miocene thrusting and wrenching along the central south Carpathians due to a corner effect during collision and orocline formation. *Tectonics*, **1993**, 12, 855-873	4.3	95
21	Fault-striae analysis: A turbo pascal program package for graphical presentation and reduced stress tensor calculation. *Computers and Geosciences*, **1993**, 19, 1361-1388	4.5	119
20	The Pieniny Klippen Belt in the Western Carpathians of northeastern Slovakia: Structural evidence for transpression. *Tectonophysics*, **1993**, 226, 471-483	3.1	43
19	Palinspastic Reconstruction of the Pre-Triassic Basement Units in the Alps: The Eastern Alps **1993**, 41-51		2
18	Deformation and motion along the southern margin of the Lhasa block (Tibet) prior to and during the India-Asia collision. *Journal of Geodynamics*, **1992**, 16, 21-54	2.2	37
17	Left-lateral transtension along the Tierra Colorada deformation zone, northern margin of the Xolapa magmatic arc of southern Mexico. *Journal of South American Earth Sciences*, **1992**, 5, 237-249	2	50
16	Calcite textures: examples from nappes with strain-path partitioning. *Journal of Structural Geology*, **1991**, 13, 369-384	3	59
15	Lateral extrusion in the eastern Alps, PArt 2: Structural analysis. *Tectonics*, **1991**, 10, 257-271	4.3	581
14	Second look at suspect terranes in southern Mexico. *Geology*, **1991**, 19, 1233	5	57
13	Lateral extrusion in the eastern Alps, Part 1: Boundary conditions and experiments scaled for gravity. *Tectonics*, **1991**, 10, 245-256	4.3	273
12	The magnetic fabrics of experimentally deformed artificial clay-water dispersions. *Tectonophysics*, **1991**, 200, 143-155	3.1	8
11	Penninic windows at the eastern end of the Alps and their relation to the intra-Carpathian basins□eply. *Tectonophysics*, **1991**, 194, 185-186	3.1	
10	The internal structure of the Arosa Zone (Swiss-Austrian Alps). *Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie*, **1990**, 79, 725-739		22
9	Penninic windows at the eastern end of the Alps and their relation to the intra-Carpathian basins. *Tectonophysics*, **1990**, 172, 91-105	3.1	53
8	Extension in compressional orogenic belts: The eastern Alps. *Geology*, **1989**, 17, 404	5	239
7	Archimedes revisited: a structural test of eclogite emplacement models in the Austrian Alps. *Terra Nova*, **1989**, 1, 242-252	3	37
6	West-directed d□ollement of Austro-Alpine cover nappes in the eastern Alps: geometrical and rheological considerations. *Geological Society Special Publication*, **1989**, 45, 243-262	1.7	7

5	Kinematics of the Alpine plate-margin: structural styles, strain and motion along the Penninic–Austroalpine boundary in the Swiss–Austrian Alps. *Journal of the Geological Society*, **1989**, 146, 835-849	2.7	46
4	Plate-boundary kinematics in the Alps: Motion in the Arosa suture zone. *Geology*, **1988**, 16, 696	5	48
3	Superposed deformations in the Eastern Alps: strain analysis and microfabrics. *Journal of Structural Geology*, **1987**, 9, 263-276	3	13
2	Preferred orientation of phyllosilicates in phyllonites and ultramylonites. *Journal of Structural Geology*, **1987**, 9, 719-730	3	46
1	Kinematics of Austro-Alpine cover nappes: Changing translation path due to transpression. *Tectonophysics*, **1986**, 125, 335-356	3.1	76