Jean-Pierre Burg

List of Publications by Year
in descending order

222	13,283	19657 61	28297 105
papers	citations	h-index	g-index

236	236	236	6671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Siah Cheshmeh-Khoy-Misho-Tabriz fault (NW Iran) is a cryptic neotethys suture: evidence from detrital zircon geochronology, Hf isotopes, and provenance analysis. International Geology Review, 2022, 64, 182-202.	2.1	10
2	Quaternary landscape evolution in the Western Argentine Precordillera constrained by 10Be cosmogenic dating. Geomorphology, 2022, 396, 107984.	2.6	5
3	Cooling-rate constraints from metapelites across two inverted metamorphic sequences of the Alpine-Himalayan belt; evidence for viscous heating. Journal of Structural Geology, 2022, 156, 104536.	2.3	3
4	Mineralogy and geochemistry of calc-alkaline magmatic rocks from the Mansehra Granitic Complex, NW Himalaya, Pakistan: insights into petrogenesis and tectonic setting. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	0
5	Active tectonics along the Khazar fault (Alborz, Iran). Journal of Asian Earth Sciences, 2021, 219, 104893.	2.3	10
6	Uâ€“Pb zircon geochronology and phase equilibria modelling of HP-LT rocks in the Ossa-Morena Zone, Portugal. International Journal of Earth Sciences, 2020, 109, 2719-2738.	1.8	2
7	Structural evolution and exhumation of the Yulong dome: Constraints on middle crustal flow in southeastern Tibetan Plateau in response to the India-Eurasia collision. Journal of Structural Geology, 2020, 137, 104070.	2.3	8
8	Cenozoic thermal evolution of the Central Rhodope Metamorphic Complex (Southern Bulgaria). International Journal of Earth Sciences, 2020, 109, 1589-1611.	1.8	9
9	Seismotectonics of the Inner Tienshan: Suusamyr Basin and adjacent areas. Geodinamika I Tektonofizika, 2020, 11, 39-52.	0.7	0
10	Multiproxy Isotopic and Geochemical Analysis of the Siwalik Sediments in NW India: Implication for the Late Cenozoic Tectonic Evolution of the Himalaya. Tectonics, 2019, 38, 120-143.	2.8	19
11	Multistage Remobilization of the Southwestern Margin of the South China Plate: Insights From Zircon Uâ€Pb Geochronology and Hf Isotope of Granitic Rocks From the Yao Shan Complex, Southeastern Tibet Plateau. Tectonics, 2019, 38, 621-640.	2.8	13
12	Jurassic carbonatite and alkaline magmatism in the Ivrea zone (European Alps) related to the breakup of Pangea. Geology, 2019, 47, 199-202.	4.4	22
13	Structural Characteristics, Paleoseismology and Slip Rate of the Qoshadagh Fault, Northwest of Iran. Geotectonics, 2019, 53, 280-297.	0.9	2
14	Near-ridge initiation of intraoceanic subduction: Effects of inheritance in 3D numerical models of the Wilson Cycle. Tectonophysics, 2019, 763, 1-13.	2.2	28
15	Shortâ€time (<10 ka) denudation rates as a marker of active folding in the Zagros Fold Belt (Iran). Terra Nova, 2019, 31, 111-119.	2.1	6
16	Timeline of the South Tibet â€“ Himalayan belt: the geochronological record of subduction, collision, and underthrusting from zircon and monazite Uâ€“Pb ages. Canadian Journal of Earth Sciences, 2019, 56, 1318-1332.	1.3	26
17	3D numerical modelling of the Wilson cycle: structural inheritance of alternating subduction polarity. Geological Society Special Publication, 2019, 470, 439-461.	1.3	7
18	Carbonatitic dykes during Pangaea transtension (Pelagonian Zone, Greece). Lithos, 2018, 302-303, 329-340.	1.4	4

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19	Metasomatized mantle as the source of Mid-Miocene-Quaternary volcanism in NW-Iranian Azerbaijan: Geochronological and geochemical evidence. Lithos, 2018, 304-307, 311-328.	1.4	33
20	The 2014 Earthquake Model of the Middle East: seismogenic sources. Bulletin of Earthquake Engineering, 2018, 16, 3465-3496.	4.1	72
21	Shale-related minibasins atop a massive olistostrome in an active accretionary wedge setting: Two-dimensional numerical modeling applied to the Iranian Makran. Geology, 2018, 46, 791-794.	4.4	13
22	Boris Choubert: Unrecognized visionary geologist, pioneer of the global tectonics. Bulletin - Societie Geologique De France, 2018, 189, 7.	2.2	2
23	Permeability and seismic velocity anisotropy across a ductileâ€“brittle fault zone in crystalline rock. Solid Earth, 2018, 9, 683-698.	2.8	40
24	From Jurassic rifting to Cretaceous subduction in NW Iranian Azerbaijan: geochronological and geochemical signals from granitoids. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	26
25	Preliminary investigation of late Mughal period wall paintings from historic monuments of Begumpura, Lahore. Frontiers of Architectural Research, 2018, 7, 465-472.	2.8	5
26	Geology of the onshore Makran accretionary wedge: Synthesis and tectonic interpretation. Earth-Science Reviews, 2018, 185, 1210-1231.	9.1	113
27	Toward 4D modeling of orogenic belts: Example from the transpressive Zagros Fold Belt. Tectonophysics, 2017, 702, 82-89.	2.2	15
28	Geomorphic fluvial markers reveal transient landscape evolution in tectonically quiescent southern Peninsular India. Geological Journal, 2017, 52, 681-702.	1.3	15
29	Metamorphic conditions and structural evolution of the Kesebir-Kardamos dome: Rhodope metamorphic complex (Greece-Bulgaria). International Journal of Earth Sciences, 2017, 106, 2667-2685.	1.8	7
30	Formation and preservation of fresh lawsonite: Geothermobarometry of the North Makran Blueschists, southeast Iran. Journal of Metamorphic Geology, 2017, 35, 871-895.	3.4	24
31	Arc magmatism witnessed by detrital zircon U-Pb geochronology, Hf isotopes and provenance analysis of Late Cretaceous-Miocene sandstones of onshore western Makran (SE Iran). Numerische Mathematik, 2017, 317, 941-964.	1.4	18
32	Active faults pattern and interplay in the Azerbaijan region (NW Iran). Geotectonics, 2017, 51, 428-437.	0.9	16
33	Neoproterozoic granitoids along the Ailao Shan-Red River belt: Zircon U-Pb geochronology, Hf isotope analysis and tectonic implications. Precambrian Research, 2017, 299, 244-263.	2.7	24
34	Detrital zircon and provenance analysis of Late Cretaceousâ€“Miocene onshore Iranian Makran strata: Implications for the tectonic setting. Bulletin of the Geological Society of America, 2016, 128, 1481-1499.	3.3	29
35	Detrital zircon and provenance analysis of Eoceneâ€“Oligocene strata in the South Sistan suture zone, southeast Iran: Implications for the tectonic setting. Lithosphere, 2016, 8, 615-632.	1.4	18
36	Uâ€“Pb geochronology and geochemistry of Zahedan and Shah Kuh plutons, southeast Iran: Implication for closure of the South Sistan suture zone. Lithos, 2016, 248-251, 293-308.	1.4	34

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37	U-Pb zircon systematics of the Mansehra Granitic Complex: implications on the early Paleozoic orogenesis in NW Himalaya of Pakistan. Geosciences Journal, 2016, 20, 427-447.	1.2	17
38	2D thermomechanical modelling of continentâ€“arcâ€“continent collision. Gondwana Research, 2016, 32, 138-150.	6.0	28
39	Brittle versus ductile deformation as the main control of the deep fluid circulation in oceanic crust. Geophysical Research Letters, 2015, 42, 2767-2773.	4.0	51
40	The role of viscosity heterogeneities in the development of pressure variations. Geotectonic Research, 2015, 97, 73-74.	0.1	0
41	Phanerozoic surface history of southern P eninsular I ndia from apatite (Uâ€Thâ€Sm)/He data. Geochemistry, Geophysics, Geosystems, 2015, 16, 3626-3648.	2.5	8
42	Mechanics, microstructure and AMS evolution of a synthetic porphyritic calcite aggregate deformed in torsion. Tectonophysics, 2015, 655, 41-57.	2.2	4
43	Kinematics of the Tengchong Terrane in SE Tibet from the late Eocene to early Miocene: Insights from coeval mid-crustal detachments and strike-slip shear zones. Tectonophysics, 2015, 665, 127-148.	2.2	101
44	Thermo-mechanical pressurization of experimental faults in cohesive rocks during seismic slip. Earth and Planetary Science Letters, 2015, 429, 1-10.	4.4	54
45	Low-temperature constraints on the Cenozoic thermal evolution of the Southern Rhodope Core Complex (Northern Greece). International Journal of Earth Sciences, 2015, 104, 1337-1352.	1.8	28
46	Spatial variability of 10 Be-derived erosion rates across the southern Peninsular Indian escarpment: A key to landscape evolution across passive margins. Earth and Planetary Science Letters, 2015, 425, 154-167.	4.4	67
47	Polyphase evolution of Pelagonia (northern Greece) revealed by geological and fission-track data. Solid Earth, 2015, 6, 285-302.	2.8	12
48	Correlation of fluvial terraces and temporal steady-state incision on the onshore Makran accretionary wedge in southeastern Iran: Insight from channel profiles and 10Be exposure dating of strath terraces. Bulletin of the Geological Society of America, 2015, 127, 560-583.	3.3	11
49	Jurassic rifting at the Eurasian Tethys margin: Geochemical and geochronological constraints from granitoids of North Makran, southeastern Iran. Tectonics, 2015, 34, 571-593.	2.8	76
50	Magma Transfer and Evolution in Channels within the Arc Crust: the Pyroxenitic Feeder Pipes of Sapat (Kohistan, Pakistan). Journal of Petrology, 2015, 56, 1309-1342.	2.8	31
51	Bubbles attenuate elastic waves at seismic frequencies: First experimental evidence. Geophysical Research Letters, 2015, 42, 3880-3887.	4.0	55
52	Geomorphological analysis of the drainage system on the growing Makran accretionary wedge. Geomorphology, 2014, 209, 111-132.	2.6	28
53	Rheological transition during large strain deformation of melting and crystallizing metapelites. Journal of Geophysical Research: Solid Earth, 2014, 119, 3971-3985.	3.4	13
54	Forward propagation of the Zagros Simply Folded Belt constrained from magnetostratigraphy of growth strata. Tectonics, 2014, 33, 1534-1551.	2.8	39

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55	From Mesoproterozoic magmatism to collisional Cretaceous anatexis: Tectonomagmatic history of the Pelagonian Zone, Greece. Tectonics, 2014, 33, 1552-1576.	2.8	29
56	3D effects of strain vs. velocity weakening on deformation patterns in accretionary wedges. Tectonophysics, 2014, 615-616, 122-141.	2.2	29
57	Stress field associated with elliptical inclusions in a deforming matrix: Mathematical model and implications for tectonic overpressure in the lithosphere. Tectonophysics, 2014, 631, 37-49.	2.2	72
58	Rheology of talc sheared at high pressure and temperature: a case study for hot subduction zones. Tectonophysics, 2014, 610, 51-62.	2.2	23
59	Geodynamic regimes of intra-oceanic subduction: Implications for arc extension vs. shortening processes. Gondwana Research, 2014, 25, 546-560.	6.0	43
60	Analytical Characterization of Deteriorated Stone Surfaces from Jahangir Tomb, Lahore, Pakistan. Asian Journal of Chemistry, 2014, 26, 790-794.	0.3	0
61	Chemical Weathering of Lime Mortars from the Jahangir Tomb, Lahore-Pakistan. International Journal of Scientific Research in Chemical Engineering, 2014, 1, 106-114.	0.1	0
62	Tectonometamorphic history of the Gruf complex (Central Alps): exhumation of a granuliteâ€“migmatite complex with the Bergell pluton. Swiss Journal of Geosciences, 2013, 106, 33-62.	1.2	18
63	TTG-type plutonic rocks formed in a modern arc batholith by hydrous fractionation in the lower arc crust. Contributions To Mineralogy and Petrology, 2013, 166, 1099-1118.	3.1	55
64	P-T estimates and timing of the sapphirine-bearing metamorphic overprint in kyanite eclogites from Central Rhodope, northern Greece. Petrology, 2013, 21, 507-521.	0.9	22
65	Collision of continental corner from 3-D numerical modeling. Earth and Planetary Science Letters, 2013, 380, 98-111.	4.4	134
66	Characterization of 17th Century Mughal tile glazes from Shahdara Complex, Lahore-Pakistan. Journal of Cultural Heritage, 2013, 14, 174-179.	3.3	14
67	Highâ€resolution 3D numerical modeling of thrust wedges: Influence of dÃ©collement strength on transfer zones. Geochemistry, Geophysics, Geosystems, 2013, 14, 1131-1155.	2.5	50
68	Rheology of synthetic polycrystalline halite in torsion. Tectonophysics, 2013, 583, 124-130.	2.2	14
69	Seismic properties of the Kohistan oceanic arc root: Insights from laboratory measurements and thermodynamic modeling. Geochemistry, Geophysics, Geosystems, 2013, 14, 1819-1841.	2.5	11
70	Characterization of Mughal Bricks from Jahangir Tomb, Lahore-Pakistan. Asian Journal of Chemistry, 2013, 25, 3255-3258.	0.3	2
71	Characteristics of Ancient Mortars and Plasters from the Archaeological Site of Akbari-Serai (Pakistan). Asian Journal of Chemistry, 2013, 25, 8484-8488.	0.3	6
72	Chemical and Mineralogical Characterization of Old Mortars from Jahangir Tomb, Lahore-Pakistan. Asian Journal of Chemistry, 2013, 25, 133-138.	0.3	4

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73	GEM OLIVINE AND CALCITE MINERALIZATION PRECIPITATED FROM SUBDUCTION-DERIVED FLUIDS IN THE KOHISTAN ARC-MANTLE (PAKISTAN). Canadian Mineralogist, 2012, 50, 1291-1304.	1.0	18
74	Evidence for a â€œCadomianâ€•ophiolite and magmatic-arc complex in SW Bulgaria. Precambrian Research, 2012, 212-213, 275-295.	2.7	54
75	Numerical investigation of deformation mechanics in foldâ€andâ€thrust belts: Influence of rheology of single and multiple dÃ©collements. Tectonics, 2012, 31, .	2.8	124
76	Delamination in collisional orogens: Thermomechanical modeling. Journal of Geophysical Research, 2012, 117, .	3.3	111
77	Rate of crustal shortening and non-Coulomb behaviour of an active accretionary wedge: The folded fluvial terraces in Makran (SE, Iran). Earth and Planetary Science Letters, 2012, 355-356, 187-198.	4.4	38
78	Bimodal behavior of extended continental lithosphere: Modeling insight and application to thermal history of migmatitic core complexes. Tectonophysics, 2012, 579, 88-103.	2.2	35
79	Boudinage in nature and experiment. Tectonophysics, 2012, 526-529, 88-96.	2.2	29
80	Mechanics of kink-bands during torsion deformation of muscovite aggregate. Tectonophysics, 2012, 548-549, 22-33.	2.2	26
81	Uâ€“Pb zircon dating of the Gruf Complex: disclosing the late Variscan granulitic lower crust of Europe stranded in the Central Alps. Contributions To Mineralogy and Petrology, 2012, 163, 353-378.	3.1	39
82	Effect of finite deformation and deformation rate on partial melting and crystallization in metapelites. Journal of Geophysical Research, 2011, 116, .	3.3	9
83	Microstructural and mechanical effects of strong fine-grained muscovite in soft halite matrix: Shear strain localization in torsion. Journal of Geophysical Research, 2011, 116, .	3.3	3
84	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistanâ€“Pakistan). Chemical Geology, 2011, 280, 243-256.	3.3	55
85	The roles of flux- and decompression melting and their respective fractionation lines for continental crust formation: Evidence from the Kohistan arc. Earth and Planetary Science Letters, 2011, 303, 25-36.	4.4	156
86	Arcâ€“Continent Collision: The Making of an Orogen. Frontiers in Earth Sciences, 2011, , 477-493.	0.1	42
87	Natural annealing of dynamically recrystallised quartzite fabrics: Example from the CÃ©vennes, SE French Massif Central. Journal of Structural Geology, 2011, 33, 244-254.	2.3	9
88	Microstructure and mechanical properties of halite/coarse muscovite synthetic aggregates deformed in torsion. Journal of Structural Geology, 2011, 33, 624-632.	2.3	11
89	Paleostress analysis of Cenozoic faulting in the Kraishte area, SW Bulgaria. Journal of Structural Geology, 2011, 33, 859-874.	2.3	25
90	Granulites and charnockites of the Gruf Complex: Evidence for Permian ultra-high temperature metamorphism in the Central Alps. Lithos, 2011, 124, 17-45.	1.4	54

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91	The Asiaâ€“Kohistanâ€“India Collision: Review and Discussion. Frontiers in Earth Sciences, 2011, , 279-309.	0.1	77
92	Geological evidence and modeling of melt migration by porosity waves in the sub-arc mantle of Kohistan (Pakistan). Geology, 2011, 39, 1091-1094.	4.4	25
93	Rheology and microstructure of synthetic halite/calcite porphyritic aggregates in torsion. Journal of Structural Geology, 2010, 32, 342-349.	2.3	11
94	Dynamic unfolding of multilayers: 2D numerical approach and application to turbidites in SW Portugal. Tectonophysics, 2010, 494, 64-74.	2.2	10
95	Influence of tectonic overpressure on Pâ€“T paths of HPâ€“UHP rocks in continental collision zones: thermomechanical modelling. Journal of Metamorphic Geology, 2010, 28, 227-247.	3.4	118
96	Stress orientation and fracturing during three-dimensional buckling: Numerical simulation and application to chocolate-tablet structures in folded turbidites, SW Portugal. Tectonophysics, 2010, 493, 187-195.	2.2	29
97	Geochronological and structural constraints on the Cretaceous thermotectonic evolution of the Kraishte zone, western Bulgaria. Tectonics, 2010, 29, n/a-n/a.	2.8	34
98	Paleostress regimes from brittle structures of the Karakoramâ€“Kohistan Suture Zone and surrounding areas of NW Pakistan. Journal of Asian Earth Sciences, 2010, 38, 307-335.	2.3	12
99	Fluid-assisted particulate flow of turbidites at very low temperature: A key to tight folding in a submarine Variscan foreland basin of SW Europe. Tectonics, 2010, 29, n/a-n/a.	2.8	16
100	Effects of mass waste events on thrust wedges: Analogue experiments and application to the Makran accretionary wedge. Tectonics, 2010, 29, .	2.8	37
101	Translithospheric Mantle Diapirism: Geological Evidence and Numerical Modelling of the Kondyor Zoned Ultramafic Complex (Russian Far-East). Journal of Petrology, 2009, 50, 289-321.	2.8	90
102	Magma and fluid percolation in arc to forearc mantle: Evidence from Sapat (Kohistan, Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.4	46
103	Construction of the granitoid crust of an island arc part I: geochronological and geochemical constraints from the plutonic Kohistan (NW Pakistan). Contributions To Mineralogy and Petrology, 2009, 158, 739-755.	3.1	167
104	Development of a seismic source model for probabilistic seismic hazard assessment of nuclear power plant sites in Switzerland: the view from PEGASOS Expert Group 4 (EG1d). Swiss Journal of Geosciences, 2009, 102, 189-209.	1.2	17
105	Strain localization and melt segregation in deforming metapelites. Physics of the Earth and Planetary Interiors, 2009, 177, 173-179.	1.9	24
106	Stress-strength relationship in the lithosphere during continental collision. Geology, 2009, 37, 775-778.	4.4	50
107	A giant catastrophic mudâ€andâ€debris flow in the Miocene Makran. Terra Nova, 2008, 20, 188-193.	2.1	80
108	Rheology of dolomite: Large strain torsion experiments and natural examples. Journal of Structural Geology, 2008, 30, 767-776.	2.3	33

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109	Transient hot channels: Perpetrating and regurgitating ultrahigh-pressure, high-temperature crustâ€“mantle associations in collision belts. Lithos, 2008, 103, 236-256.	1.4	218
110	Dynamics of double subduction: Numerical modeling. Physics of the Earth and Planetary Interiors, 2008, 171, 280-295.	1.9	90
111	Growth of the Namche Barwa Syntaxis and associated evolution of the Tsangpo Gorge: Constraints from structural and thermochronological data. Tectonophysics, 2008, 451, 282-289.	2.2	107
112	Viscous heating allows thrusting to overcome crustal-scale buckling: Numerical investigation with application to the Himalayan syntaxes. Earth and Planetary Science Letters, 2008, 274, 189-203.	4.4	84
113	Petrology and Mineral Chemistry of Lower Crustal Intrusions: the Chilas Complex, Kohistan (NW) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	150
114	Intrusion of ultramafic magmatic bodies into the continental crust: Numerical simulation. Physics of the Earth and Planetary Interiors, 2007, 160, 124-142.	1.9	131
115	Physical controls of magmatic productivity at Pacific-type convergent margins: Numerical modelling. Physics of the Earth and Planetary Interiors, 2007, 163, 209-232.	1.9	117
116	Seismicity preceding volcanic eruptions: New experimental insights. Geology, 2007, 35, 183.	4.4	61
117	Origin of the island arc Moho transition zone via melt-rock reaction and its implications for intracrustal differentiation of island arcs: Evidence from the Jijal complex (Kohistan complex,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.4	86
118	Exhumation across the Indus Suture Zone: a record of back sliding of the hanging wall. Terra Nova, 2007, 19, 425-431.	2.1	9
119	Age and isotopic constraints on magmatism along the Karakoram-Kohistan Suture Zone, NW Pakistan: evidence for subduction and continued convergence after India-Asia collision. Swiss Journal of Geosciences, 2007, 100, 85-107.	1.2	108
120	Continental extension: Introduction. International Journal of Earth Sciences, 2007, 96, 977-978.	1.8	0
121	Precollision tilt of crustal blocks in rifted island arcs: Structural evidence from the Kohistan Arc. Tectonics, 2006, 25, n/a-n/a.	2.8	46
122	Petrogenesis of Mafic Garnet Granulite in the Lower Crust of the Kohistan Paleo-arc Complex (Northern Pakistan): Implications for Intra-crustal Differentiation of Island Arcs and Generation of Continental Crust. Journal of Petrology, 2006, 47, 1873-1914.	2.8	172
123	Lower continental crust formation through focused flow in km-scale melt conduits: The zoned ultramafic bodies of the Chilas Complex in the Kohistan island arc (NW Pakistan). Earth and Planetary Science Letters, 2006, 242, 320-342.	4.4	119
124	Structural evolution of the footwall of the Indus Suture in Malakand (N Pakistan) during the Himalayan collision. Journal of Asian Earth Sciences, 2006, 27, 691-706.	2.3	8
125	Development of igneous layering during growth of pluton: The TarÃ§ouate Laccolith (Morocco). Tectonophysics, 2006, 413, 271-286.	2.2	36
126	Mesozoicâ€“Tertiary structural evolution of an extensional gneiss domeâ€”the Kesebirâ€“Kardamos dome, eastern Rhodope (Bulgariaâ€“Greece). International Journal of Earth Sciences, 2006, 95, 318-340.	1.8	107

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127	The role of viscous heating in Barrovian metamorphism of collisional orogens: thermomechanical models and application to the Lepontine Dome in the Central Alps. Journal of Metamorphic Geology, 2005, 23, 75-95.	3.4	355
128	Simulation of Crustal Melt Segregation Through Cellular Automata: Insight on Steady and Non-steady State Effects Under Deformation. Pure and Applied Geophysics, 2005, 162, 987-1011.	1.9	5
129	High-temperature and pressure seismic properties of a lower crustal prograde shear zone from the Kohistan Arc, Pakistan. Geological Society Special Publication, 2005, 245, 187-202.	1.3	15
130	Lithospheric-scale analogue modelling of collision zones with a pre-existing weak zone. Geological Society Special Publication, 2005, 243, 277-294.	1.3	26
131	Shear strain localization from the upper mantle to the middle crust of the Kohistan Arc (Pakistan). Geological Society Special Publication, 2005, 245, 25-38.	1.3	18
132	Strain localisation in bimineralic rocks: Experimental deformation of synthetic calciteâ€“anhydrite aggregates. Earth and Planetary Science Letters, 2005, 240, 748-763.	4.4	49
133	Fault analysis and paleostress evolution in large strain regions: methodological and geological discussion of the southeastern Himalayan fold-and-thrust belt in Pakistan. Journal of Asian Earth Sciences, 2005, 24, 445-467.	2.3	47
134	Systematic iron isotope variations in mantle rocks and minerals: The effects of partial melting and oxygen fugacity. Earth and Planetary Science Letters, 2005, 235, 435-452.	4.4	206
135	Lithospheric-scale structures from the perspective of analogue continental collision. Tectonophysics, 2005, 406, 1-15.	2.2	69
136	Dome structures in collision orogens: Mechanical investigation of the gravity/compression interplay. , 2004, , .		33
137	Shear structures and microstructures in micaschists: the Variscan CÃ©vennes duplex (French Massif) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	15
138	Thermotectonic evolution of an extensional dome: the Cenozoic Osogovo?Lisets core complex (Kraishte zone, western Bulgaria). International Journal of Earth Sciences, 2004, 93, 1008-1024.	1.8	48
139	The Palaeoproterozoic in western Anti-Atlas (Morocco): a clarification. Journal of African Earth Sciences, 2004, 39, 239-245.	2.0	32
140	Iron Isotope Fractionation and the Oxygen Fugacity of the Mantle. Science, 2004, 304, 1656-1659.	12.6	173
141	Strain-rate-dependent rheology of partially molten rocks. Geological Society Special Publication, 2004, 227, 327-336.	1.3	8
142	Subduction versus accretion of intra-oceanic volcanic arcs: insight from thermo-mechanical analogue experiments. Earth and Planetary Science Letters, 2003, 212, 31-45.	4.4	104
143	Model-inspired interpretation of seismic structures in the Central Alps: Crustal wedging and buckling at mature stage of collision. Geology, 2002, 30, 643.	4.4	29
144	Non-linear feedback loops in the rheology of cooling-crystallizing felsic magma and heating-melting felsic rock. Geological Society Special Publication, 2002, 200, 275-292.	1.3	18

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145	Multiple mantle sources during island arc magmatism: U-Pb and Hf isotopic evidence from the Kohistan arc complex, Pakistan. Terra Nova, 2002, 14, 461-468.	2.1	118
146	Timing of normal faulting along the Indus Suture in Pakistan Himalaya and a case of major 231 Pa/ 235 U initial disequilibrium in zircon. Earth and Planetary Science Letters, 2001, 191, 101-114.	4.4	84
147	Texture development of calcite by deformation and dynamic recrystallization at 1000 K during torsion experiments of marble to large strains. Tectonophysics, 2001, 330, 119-140.	2.2	97
148	Effect of shape and orientation on rigid particle rotation and matrix deformation in simple shear flow. Journal of Structural Geology, 2001, 23, 113-125.	2.3	75
149	Low-temperature cooling history of the Shuswap metamorphic core complex, British Columbia: constraints from apatite and zircon fission-track ages. Canadian Journal of Earth Sciences, 2001, 38, 1615-1625.	1.3	40
150	Continuous vs. discontinuous melt segregation in migmatites: insights from a cellular automaton model. Terra Nova, 2000, 12, 188-192.	2.1	40
151	From buckling to asymmetric folding of the continental lithosphere: numerical modelling and application to the Himalayan syntaxes. Geological Society Special Publication, 2000, 170, 219-236.	1.3	26
152	Pre-collisional anastomosing shear zones in the Kohistan arc, NW Pakistan. Geological Society Special Publication, 2000, 170, 295-311.	1.3	16
153	Fault systems and Paleo-stress tensors in the Indus Suture Zone (NW Pakistan). Journal of Asian Earth Sciences, 2000, 18, 547-559.	2.3	11
154	P-wave anisotropy in eclogites and relationship to the omphacite crystallographic fabric. Physics and Chemistry of the Earth, 2000, 25, 119-126.	0.6	39
155	Rhodope and Vardar: the metamorphicand the olistostromic paired belts relatedto the Cretaceous subduction under EuropeReply to Ivan ZAGORCHEV's comment â€œRhodope facts and Tethys self-delusionsâ€• Geodinamica Acta, 2000, 13, 61-63.	2.2	6
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