StanisÅ‚aw Mazur

List of Publications by Year
in descending order

76	2,248	218677	243625
papers	citations	26 h-index	44 g-index

86	86	86	1376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palaeozoic amalgamation of Central Europe: new results from recent geological and geophysical investigations. Tectonophysics, 2002, 360, 5-21.	2.2	186
2	Luâ€“Hf geochronology and trace element distribution in garnet: Implications for uplift and exhumation of ultra-high pressure granulites in the Sudetes, SW Poland. Lithos, 2007, 95, 363-380.	1.4	119
3	Kinematic data on major Variscan strike-slip faults and shear zones in the Polish Sudetes, northeast Bohemian Massif. Geological Magazine, 1997, 134, 727-739.	1.5	91
4	Is the Teisseyreâ€Tornquist Zone an ancient plate boundary of Baltica?. Tectonics, 2015, 34, 2465-2477.	2.8	89
5	Different modes of the Late Cretaceousâ€“Early Tertiary inversion in the North German and Polish basins. International Journal of Earth Sciences, 2005, 94, 782-798.	1.8	87
6	The Tepla(?)/Saxothuringian suture in the Karkonoszeâ€“Izera massif, western Sudetes, central European Variscides. International Journal of Earth Sciences, 2001, 90, 341-360.	1.8	81
7	Lithospheric structure of the Bohemian Massif and adjacent Variscan belt in central Europe based on profile S01 from the SUDETES 2003 experiment. Journal of Geophysical Research, 2008, 113, .	3.3	77
8	GÃ©ochronologie U-Pb SHRIMP sur zircon et gÃ©ochimie des gneiss de Orlica-Snieznik (ChaÃ®ne Varisque) Tj ETQq0 0 0 rgBT /Overloc	2.2	73
9	Collage tectonics in the northeasternmost part of the Variscan Belt: the Sudetes, Bohemian Massif. Geological Society Special Publication, 2002, 201, 237-277.	1.3	63
10	Paleostress states at the south-western margin of the Central European Basin System â€” Application of fault-slip analysis to unravel a polyphase deformation pattern. Tectonophysics, 2009, 470, 129-146.	2.2	62
11	Late Neoproterozoic amphibolite-facies metamorphism of a pre-Caledonian basement block in southwest Wedel Jarlsberg Land, Spitsbergen: new evidence from Uâ€“Thâ€“Pb dating of monazite. Geological Magazine, 2008, 145, 822-830.	1.5	56
12	Single zircon Uâ€“Pb ages and geochemistry of granitoid gneisses from SW Poland: evidence for an Avalonian affinity of the Brunian microcontinent. Geological Magazine, 2010, 147, 508-526.	1.5	55
13	Location of the Rheic suture in the eastern Bohemian Massif: evidence from detrital zircon data. Terra Nova, 2012, 24, 199-206.	2.1	55
14	A strike-slip terrane boundary in Wedel Jarlsberg Land, Svalbard, and its bearing on correlations of SW Spitsbergen with the Pearya terrane and Timanide belt. Journal of the Geological Society, 2009, 166, 529-544.	2.1	53
15	Correlation of allochthonous terranes and major tectonostratigraphic domains between NW Iberia and the Bohemian Massif, European Variscan belt. International Journal of Earth Sciences, 2020, 109, 1105-1131.	1.8	51
16	Displacement along the Red River Fault constrained by extension estimates and plate reconstructions. Tectonics, 2012, 31, .	2.8	49
17	Uplift and late orogenic deformation of the Central European Variscan belt as revealed by sediment provenance and structural record in the Carboniferous foreland basin of western Poland. International Journal of Earth Sciences, 2010, 99, 47-64.	1.8	48
18	Vestiges of Saxothuringian crust in the Central Sudetes, Bohemian Massif: Zircon evidence of a recycled subducted slab provenance. Gondwana Research, 2015, 27, 825-839.	6.0	45

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19	Pomeranian Caledonides, NW Poland â€“ A collisional suture or thin-skinned fold-and-thrust belt?. Tectonophysics, 2016, 692, 29-43.	2.2	41
20	Seismic refraction evidence for crustal structure in the central part of the Trans-European Suture Zone in Poland. Geological Society Special Publication, 2002, 201, 295-309.	1.3	40
21	Late Palaeozoic strike-slip tectonics versus oroclinal bending at the SW outskirts of Baltica: case of the Variscan beltâ€™s eastern end in Poland. International Journal of Earth Sciences, 2020, 109, 1133-1160.	1.8	38
22	SHRIMP zircon geochronology and geochemistry of the Orlica-ÅšnieÅ¼nik gneisses (Variscan belt of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	35
23	The presumed TeplÃ¡-Barrandian/Moldanubian terrane boundary in the Orlica Mountains (Sudetes,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	34
24	Detrital zircon U-Pb and Hf constraints on provenance and timing of deposition of the Mesoproterozoic to Cambrian sedimentary cover of the East European Craton, Belarus. Precambrian Research, 2019, 331, 105352.	2.7	31
25	Neoproterozoic metamorphic evolution of the IsbjÃ¸rnhamna Group rocks from south-western Svalbard. Polar Research, 2010, 29, 250-264.	1.6	30
26	Variscan deformation along the Teisseyre-Tornquist Zone in SE Poland: Thick-skinned structural inheritance or thin-skinned thrusting?. Tectonophysics, 2017, 718, 83-91.	2.2	30
27	Refined timing and kinematics for Balticaâ€“Avalonia convergence based on the sedimentary record of a foreland basin. Terra Nova, 2018, 30, 8-16.	2.1	28
28	Variscan tectonics. , 0, , 599-664.		28
29	SHRIMP Uâ€“Pb zircon dating for granitoids from the Strzegomâ€“SobÃ³tka Massif, SW Poland: Constraints on the initial time of Permo-Mesozoic lithosphere thinning beneath Central Europe. Lithos, 2014, 208-209, 415-429.	1.4	27
30	Depth-to-basement for the East European Craton and Teisseyre-Tornquist Zone in Poland based on potential field data. International Journal of Earth Sciences, 2019, 108, 547-567.	1.8	24
31	Blueschist facies metamorphism in NordenskiÃ¶ld Land of westâ€central Svalbard. Terra Nova, 2014, 26, 377-386.	2.1	23
32	Neoproterozoic and Cambro-Ordovician magmatism in the Variscan K?odzko Metamorphic Complex (West Sudetes, Poland): new insights from U/Pb zircon dating. International Journal of Earth Sciences, 2004, 93, 758-772.	1.8	22
33	Early Palaeozoic initial-rift volcanism in the Central European Variscides (the Kaczawa Mountains,) Tj ETQq1 1 0.784314 rgBT /Overlock 164, 1207-1215.	2.1	22
34	Fission-track dating of apatite from the Gory Sowie Massif, Polish Sudetes, NE Bohemian Massif: implications for post-Variscan denudation and uplift. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2006, 182, 221-229.	0.3	20
35	Precambrian crustal contribution to the Variscan accretionary prism of the Kaczawa Mountains (Sudetes, SW Poland): evidence from SHRIMP dating of detrital zircons. International Journal of Earth Sciences, 2007, 96, 1153-1162.	1.8	20
36	Geochronological constraints on Caledonian strikeâ€“slip displacement in Svalbard, with implications for the evolution of the Arctic. Terra Nova, 2020, 32, 290-299.	2.1	20

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37	Detrital zircon U-Pb and Hf constraints on provenance and timing of deposition of the Mesoproterozoic to Cambrian sedimentary cover of the East European Craton, part II: Ukraine. Precambrian Research, 2021, 362, 106282.	2.7	20
38	Constraints on the tectonic evolution of the Central European Basin System revealed by seismic reflection profiles from Northern Germany. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2005, 84, 389-401.	0.9	19
39	The diversity and geodynamic significance of Late Cambrian (ca. 500 Ma) felsic anorogenic magmatism in the northern part of the Bohemian Massif: A review based on Sm-Nd isotope and geochemical data. , 2007, , .		19
40	Crustal architecture of the East Siberian Arctic Shelf and adjacent Arctic Ocean constrained by seismic data and gravity modeling results. Journal of Geodynamics, 2018, 119, 123-148.	1.6	19
41	Extension across the Laptev Sea continental rifts constrained by gravity modeling. Tectonics, 2015, 34, 435-448.	2.8	18
42	Deeply concealed half-graben at the SW margin of the East European Craton (SE Poland) â€" Evidence for Neoproterozoic rifting prior to the break-up of Rodinia. Journal of Palaeogeography, 2018, 7, 88-97.	1.9	18
43	On the nature of the Teisseyre-Tornquist Zone. Geology Geophysics & Environment, 2018, 44, 17.	1.0	17
44	Un ensemble magmatique composite dans la ChaÃ®ne varisque d'Europe centraleÂ: Ã©tude gÃ©ochimique et isotopique Smâ€“Nd du Complexe mÃ©tamorphique de Klodzko (SudÃ¨tes, Pologne). Geodinamica Acta, 2003, 16, 39-57.	2.2	16
45	Longâ€distance fluid migration defines the diagenetic history of unique Ediacaran sediments in the East European Craton. Basin Research, 2021, 33, 570-593.	2.7	16
46	Age constraints for the thermal evolution and erosional history of the central European Variscan belt: new data from the sediments and basement of the Carboniferous foreland basin in western Poland. Journal of the Geological Society, 2006, 163, 1011-1024.	2.1	15
47	Two garnet growth events in polymetamorphic rocks in southwest Spitsbergen, Norway: insight in the history of Neoproterozoic and early Paleozoic metamorphism in the High Arctic. Canadian Journal of Earth Sciences, 2015, 52, 1045-1061.	1.3	15
48	Revised age of the MaÅ‚y BoÅ¼kÃ³w limestone in the KÅ‚odzko metamorphic unit (early Givetian, late Middle) Tj ETQq0 0 0 rgBT /Overl Palaontologie - Abhandlungen, 1999, 211, 329-353.	0.4	15
49	Hirnantian icebergs in the subtropical shelf of Baltica: Evidence from sedimentology and detrital zircon provenance. Geology, 2019, 47, 284-288.	4.4	14
50	Pre-existing lithospheric weak zone and its impact on continental rifting â€" The Mid-Polish Trough, Central European Basin System. Global and Planetary Change, 2021, 198, 103417.	3.5	14
51	Reply to Comment by M. Narkiewicz and Z. Petecki on â€œIs the Teisseyre-Tornquist Zone an ancient plate boundary of Baltica?â€• Tectonics, 2016, 35, 1600-1607.	2.8	11
52	Pressureâ€“temperature estimates of the blueschists from the Kopina Mt., northern Bohemian Massif, Poland â€" constraints on subduction of the Saxothuringian continental margin. European Journal of Mineralogy, 2016, 28, 1047-1057.	1.3	11
53	Post-Variscan thermal history of the Moravo-Silesian lower Carboniferous Culm Basin (NE Czech) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	11
54	Application of two-dimensional gravity models as input parameters to balanced cross-sections across the margin of the East European Craton in SE Poland. Journal of Structural Geology, 2018, 116, 223-233.	2.3	11

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55	Paleomagnetism of the Upper Proterozoic and Devonian rocks from the KÅ‚odzko Metamorphic Complex in the West Sudetes (SW Poland): tectonic implications for the Variscan belt of Central Europe. Tectonophysics, 2003, 377, 83-99.	2.2	10
56	Post-Variscan thermal history of the Intra-Sudetic Basin (Sudetes, Bohemian Massif) based on apatite fission track analysis. International Journal of Earth Sciences, 2019, 108, 2561-2576.	1.8	10
57	Salt Dynamics. , 2008, , 248-344.		9
58	Late Carboniferous thin-skinned compressional deformation above the SW edge of the East European craton as revealed by seismic reflection and potential field dataâ€”Correlations with the Variscides and the Appalachians. , 0, , .		9
59	Tectonothermal history of the Holy Cross Mountains (Poland) in the light of lowâ€temperature thermochronology. Terra Nova, 2018, 30, 270-278.	2.1	8
60	Relationships between magnetic and structural fabrics revealed by Variscan basement rocks subjected to heterogeneous deformationâ€”a case study from the KÅ‚odzko Metamorphic Complex, Central Sudetes, Poland. Geological Society Special Publication, 2004, 238, 475-491.	1.3	6
61	Sequence of deformation at the front of an orogen: Lublin basin case study (Poland). Journal of Structural Geology, 2020, 141, 104211.	2.3	6
62	Thermal history of the East European Platform margin inÂPoland based onÂapatite andÂzircon low-temperature thermochronology. Solid Earth, 2021, 12, 1899-1930.	2.8	6
63	Imaging the East European Craton margin in northern Poland using extended correlation processing of regional seismic reflection profiles. Solid Earth, 2019, 10, 683-696.	2.8	5
64	Integrating Xâ€ray mapping and microtomography of garnet with thermobarometry to define the Pâ€“T evolution of the (near) <scp>UHP</scp> MiÄ™dzygÃ³rze eclogite, Sudetes, <scp>SW</scp> Poland. Journal of Metamorphic Geology, 2019, 37, 97-112.	3.4	5
65	Together but separate: decoupled Variscan (late Carboniferous) and Alpine (Late) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td	2.8	5
66	Palaeoproterozoic metamorphism and cooling of the northern Nagssugtoqidian orogen, West Greenland. Precambrian Research, 2012, 196-197, 171-192.	2.7	4
67	The crustal architecture of the Faroeâ€“Shetland Basin: insights from a newly merged gravity and magnetic dataset. Geological Society Special Publication, 2015, 421, 169-196.	1.3	4
68	Structure of a diffuse suture between Fennoscandia and Sarmatia in SE Poland based on interpretation of regional reflection seismic profiles supported by unsupervised clustering. Precambrian Research, 2021, 358, 106176.	2.7	4
69	Deep Electrical Resistivity Structure of the European Lithosphere in Poland Derived from 3-D Inversion of Magnetotelluric Data. Surveys in Geophysics, 2022, 43, 1563-1586.	4.6	4
70	Crustal architecture of the Laptev Rift System in the East Siberian Arctic based on 2D long-offset seismic profiles and gravity modelling. Petroleum Geoscience, 2018, 24, 402-413.	1.5	3
71	Crustal structure across the Teisseyre-Tornquist Zone offshore Poland based on a new refraction/wide-angle reflection profile and potential field modelling. Tectonophysics, 2022, 828, 229271.	2.2	3
72	Exhumation of the highâ€pressure Richarddalen Complex in <scp>NW</scp> Svalbard: Insights from <scp>⁴⁰Ar</scp>/<scp>³⁹Ar</scp> geochronology. Terra Nova, 2022, 34, 330-339.	2.1	3

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73	Reply to Comment by M.F. Pereira, J.B. Silva and C. Gama on â€œBaltic provenance of top-Famennian siliciclastic material of the northern Rhenish Massif, Rhenohercynian zone of the Variscan orogen, by Koltonik et al., International Journal of Earth Sciences (2018) 107:2645â€“2669â€: International Journal of Earth Sciences, 2019, 108, 1075-1078.	1.8	2
74	Syn-collisional extension in the West/East Sudetes boundary zone (NE Bohemian Massif): structural and metamorphic record in the JeÅ‚gowa Beds from the Strzelin Massif (East Fore-Sudetic Block). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2004, 233, 297-331.	0.4	2
75	Polymetamorphic evolution of pelites inferred from tourmaline zoning â€“ the RÄ™dziny hornfels case study at the eastern contact of the Karkonosze Granite, Sudetes, Poland. Mineralogia, 2018, 49, 17-34.	0.8	2
76	Reply to Comment by M. Narkiewicz on â€œDepth-to-basement for the East European craton and Teisseyre-Tornquist Zone in Poland based on potential field data, by MikoÅ‚ajczak et al., International Journal of Earth Sciences (2019)Â108:547â€“567â€: International Journal of Earth Sciences, 2019, 108, 1767-1771.	1.8	1