

Stanisław Mazur

List of Publications by Year in descending order

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76
papers

2,248
citations

218677

26
h-index

243625

44
g-index

86
all docs

86
docs citations

86
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Together but separate: decoupled Variscan (late Carboniferous) and Alpine (Late Tertiary) tectonics in the East European Craton. <i>Tectonophysics</i> , 2022, 828, 229271.	2.8	50
2	Crustal structure across the Teisseyre-Tornquist Zone offshore Poland based on a new refraction/wide-angle reflection profile and potential field modelling. <i>Tectonophysics</i> , 2022, 828, 229271.	2.2	3
3	Exhumation of the high-pressure Richarddalen Complex in NW Svalbard: Insights from ⁴⁰ Ar/ ³⁹ Ar geochronology. <i>Terra Nova</i> , 2022, 34, 330-339.	2.1	3
4	Deep Electrical Resistivity Structure of the European Lithosphere in Poland Derived from 3-D Inversion of Magnetotelluric Data. <i>Surveys in Geophysics</i> , 2022, 43, 1563-1586.	4.6	4
5	Long-distance fluid migration defines the diagenetic history of unique Ediacaran sediments in the East European Craton. <i>Basin Research</i> , 2021, 33, 570-593.	2.7	16
6	Pre-existing lithospheric weak zone and its impact on continental rifting – The Mid-Polish Trough, Central European Basin System. <i>Global and Planetary Change</i> , 2021, 198, 103417.	3.5	14
7	Structure of a diffuse suture between Fennoscandia and Sarmatia in SE Poland based on interpretation of regional reflection seismic profiles supported by unsupervised clustering. <i>Precambrian Research</i> , 2021, 358, 106176.	2.7	4
8	Thermal history of the East European Platform margin in Poland based on apatite and zircon low-temperature thermochronology. <i>Solid Earth</i> , 2021, 12, 1899-1930.	2.8	6
9	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. <i>Precambrian Research</i> , 2021, 362, 106282.	2.7	20
10	Correlation of allochthonous terranes and major tectonostratigraphic domains between NW Iberia and the Bohemian Massif, European Variscan belt. <i>International Journal of Earth Sciences</i> , 2020, 109, 1105-1131.	1.8	51
11	Sequence of deformation at the front of an orogen: Lublin basin case study (Poland). <i>Journal of Structural Geology</i> , 2020, 141, 104211.	2.3	6
12	Geochronological constraints on Caledonian strike-slip displacement in Svalbard, with implications for the evolution of the Arctic. <i>Terra Nova</i> , 2020, 32, 290-299.	2.1	20
13	Late Palaeozoic strike-slip tectonics versus oroclinal bending at the SW outskirts of Baltica: case of the Variscan belt's eastern end in Poland. <i>International Journal of Earth Sciences</i> , 2020, 109, 1133-1160.	1.8	38
14	Imaging the East European Craton margin in northern Poland using extended correlation processing of regional seismic reflection profiles. <i>Solid Earth</i> , 2019, 10, 683-696.	2.8	5
15	Reply to Comment by M. Narkiewicz on "Depth-to-basement for the East European craton and Teisseyre-Tornquist Zone in Poland based on potential field data, by Mikołajczyk et al., <i>International Journal of Earth Sciences</i> (2019) 108:547-567". <i>International Journal of Earth Sciences</i> , 2019, 108, 1767-1771.	1.8	1
16	Post-Variscan thermal history of the Intra-Sudetic Basin (Sudetes, Bohemian Massif) based on apatite fission track analysis. <i>International Journal of Earth Sciences</i> , 2019, 108, 2561-2576.	1.8	10
17	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. <i>Precambrian Research</i> , 2019, 331, 105352.	2.7	31
18	Hirnantian icebergs in the subtropical shelf of Baltica: Evidence from sedimentology and detrital zircon provenance. <i>Geology</i> , 2019, 47, 284-288.	4.4	14

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19	Reply to Comment by M.F. Pereira, J.B. Silva and C. Cama on "Baltic 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) 107:2645-2669", International Journal of Earth Sciences, 2019, 108, 1075-1078.	1.8	2
20	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
21	Integrating X-ray mapping and microtomography of garnet with thermobarometry to define the evolution of the (near) UHP Międzyszybski eclogite, Sudetes, SW Poland. Journal of Metamorphic Geology, 2019, 37, 97-112.	3.4	5
22	Tectonothermal history of the Holy Cross Mountains (Poland) in the light of low-temperature thermochronology. Terra Nova, 2018, 30, 270-278.	2.1	8
23	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
24	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
25	Refined timing and kinematics for Baltica-Avalonia convergence based on the sedimentary record of a foreland basin. Terra Nova, 2018, 30, 8-16.	2.1	28
26	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
27	Deeply concealed half-graben at the SW margin of the East European Craton (SE Poland) - Evidence for Neoproterozoic rifting prior to the break-up of Rodinia. Journal of Palaeogeography, 2018, 7, 88-97.	1.9	18
28	Polymetamorphic evolution of pelites inferred from tourmaline zoning - the Rędziny hornfels case study at the eastern contact of the Karkonosze Granite, Sudetes, Poland. Mineralogia, 2018, 49, 17-34.	0.8	2
29	On the nature of the Teisseyre-Tornquist Zone. Geology Geophysics & Environment, 2018, 44, 17.	1.0	17
30	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
31	Post-Variscan thermal history of the Moravo-Silesian lower Carboniferous Culm Basin (NE Czech) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	11
32	Reply to Comment by M. Narkiewicz and Z. Petecki on "Is the Teisseyre-Tornquist Zone an ancient plate boundary of Baltica?". Tectonics, 2016, 35, 1600-1607.	2.8	11
33	Pressure-temperature estimates of the blueschists from the Kopina Mt., northern Bohemian Massif, Poland - constraints on subduction of the Saxothuringian continental margin. European Journal of Mineralogy, 2016, 28, 1047-1057.	1.3	11
34	Pomeranian Caledonides, NW Poland - A collisional suture or thin-skinned fold-and-thrust belt?. Tectonophysics, 2016, 692, 29-43.	2.2	41
35	Is the Teisseyre-Tornquist Zone an ancient plate boundary of Baltica?. Tectonics, 2015, 34, 2465-2477.	2.8	89
36	Extension across the Laptev Sea continental rifts constrained by gravity modeling. Tectonics, 2015, 34, 435-448.	2.8	18

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37	The crustal architecture of the Faroe–Shetland Basin: insights from a newly merged gravity and magnetic dataset. <i>Geological Society Special Publication</i> , 2015, 421, 169-196.	1.3	4
38	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. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 1045-1061.	1.3	15
39	Vestiges of Saxothuringian crust in the Central Sudetes, Bohemian Massif: Zircon evidence of a recycled subducted slab provenance. <i>Gondwana Research</i> , 2015, 27, 825-839.	6.0	45
40	Blueschist facies metamorphism in Nordenskiöld Land of west-central Svalbard. <i>Terra Nova</i> , 2014, 26, 377-386.	2.1	23
41	SHRIMP U–Pb zircon dating for granitoids from the Strzegom–Sobótka Massif, SW Poland: Constraints on the initial time of Permo-Mesozoic lithosphere thinning beneath Central Europe. <i>Lithos</i> , 2014, 208-209, 415-429.	1.4	27
42	Palaeoproterozoic metamorphism and cooling of the northern Nagssugtoqidian orogen, West Greenland. <i>Precambrian Research</i> , 2012, 196-197, 171-192.	2.7	4
43	Displacement along the Red River Fault constrained by extension estimates and plate reconstructions. <i>Tectonics</i> , 2012, 31, .	2.8	49
44	Location of the Rheic suture in the eastern Bohemian Massif: evidence from detrital zircon data. <i>Terra Nova</i> , 2012, 24, 199-206.	2.1	55
45	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. <i>International Journal of Earth Sciences</i> , 2010, 99, 47-64.	1.8	48
46	Neoproterozoic metamorphic evolution of the Isbjørnhamna Group rocks from south-western Svalbard. <i>Polar Research</i> , 2010, 29, 250-264.	1.6	30
47	Single zircon U–Pb ages and geochemistry of granitoid gneisses from SW Poland: evidence for an Avalonian affinity of the Brunian microcontinent. <i>Geological Magazine</i> , 2010, 147, 508-526.	1.5	55
48	Paleostress states at the south-western margin of the Central European Basin System – Application of fault-slip analysis to unravel a polyphase deformation pattern. <i>Tectonophysics</i> , 2009, 470, 129-146.	2.2	62
49	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. <i>Journal of the Geological Society</i> , 2009, 166, 529-544.	2.1	53
50	Lithospheric structure of the Bohemian Massif and adjacent Variscan belt in central Europe based on profile S01 from the SUDETES 2003 experiment. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	77
51	Late Neoproterozoic amphibolite-facies metamorphism of a pre-Caledonian basement block in southwest Wedel Jarlsberg Land, Spitsbergen: new evidence from U–Th–Pb dating of monazite. <i>Geological Magazine</i> , 2008, 145, 822-830.	1.5	56
52	Salt Dynamics. , 2008, , 248-344.		9
53	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
54	Early Palaeozoic initial-rift volcanism in the Central European Variscides (the Kaczawa Mountains,) <i>Tectonophysics</i> , 2007, 440, 117-130.	2.1	22

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55	Lu-Hf geochronology and trace element distribution in garnet: Implications for uplift and exhumation of ultra-high pressure granulites in the Sudetes, SW Poland. <i>Lithos</i> , 2007, 95, 363-380.	1.4	119
56	Precambrian crustal contribution to the Variscan accretionary prism of the Kaczawa Mountains (Sudetes, SW Poland): evidence from SHRIMP dating of detrital zircons. <i>International Journal of Earth Sciences</i> , 2007, 96, 1153-1162.	1.8	20
57	Fission-track dating of apatite from the Gory Sowie Massif, Polish Sudetes, NE Bohemian Massif: implications for post-Variscan denudation and uplift. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2006, 182, 221-229.	0.3	20
58	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. <i>Journal of the Geological Society</i> , 2006, 163, 1011-1024.	2.1	15
59	Constraints on the tectonic evolution of the Central European Basin System revealed by seismic reflection profiles from Northern Germany. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2005, 84, 389-401.	0.9	19
60	The presumed Teplá-Barrandian/Moldanubian terrane boundary in the Orlica Mountains (Sudetes). <i>Tectonophysics</i> , 2004, 394, 101-110.	1.4	34
61	Different modes of the Late Cretaceous-Early Tertiary inversion in the North German and Polish basins. <i>International Journal of Earth Sciences</i> , 2005, 94, 782-798.	1.8	87
62	Relationships between magnetic and structural fabrics revealed by Variscan basement rocks subjected to heterogeneous deformation—a case study from the Kłodzko Metamorphic Complex, Central Sudetes, Poland. <i>Geological Society Special Publication</i> , 2004, 238, 475-491.	1.3	6
63	Neoproterozoic and Cambro-Ordovician magmatism in the Variscan Kłodzko Metamorphic Complex (West Sudetes, Poland): new insights from U/Pb zircon dating. <i>International Journal of Earth Sciences</i> , 2004, 93, 758-772.	1.8	22
64	Syn-collisional extension in the West/East Sudetes boundary zone (NE Bohemian Massif): structural and metamorphic record in the Jełgowa Beds from the Strzelin Massif (East Fore-Sudetic Block). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2004, 233, 297-331.	0.4	2
65	Paleomagnetism of the Upper Proterozoic and Devonian rocks from the Kłodzko Metamorphic Complex in the West Sudetes (SW Poland): tectonic implications for the Variscan belt of Central Europe. <i>Tectonophysics</i> , 2003, 377, 83-99.	2.2	10
66	Un ensemble magmatique composite dans la Chaîne varisque d'Europe centrale: Étude géochimique et isotopique Sm-Nd du Complexe métamorphique de Klodzko (Sudètes, Pologne). <i>Geodynamica Acta</i> , 2003, 16, 39-57.	2.2	16
67	Seismic refraction evidence for crustal structure in the central part of the Trans-European Suture Zone in Poland. <i>Geological Society Special Publication</i> , 2002, 201, 295-309.	1.3	40
68	Collage tectonics in the northeasternmost part of the Variscan Belt: the Sudetes, Bohemian Massif. <i>Geological Society Special Publication</i> , 2002, 201, 237-277.	1.3	63
69	Palaeozoic amalgamation of Central Europe: new results from recent geological and geophysical investigations. <i>Tectonophysics</i> , 2002, 360, 5-21.	2.2	186
70	The Teplá/Saxothuringian suture in the Karkonosze-Izera massif, western Sudetes, central European Variscides. <i>International Journal of Earth Sciences</i> , 2001, 90, 341-360.	1.8	81
71	SHRIMP zircon geochronology and geochemistry of the Orlica-Snieżnik gneisses (Variscan belt of) <i>Tectonophysics</i> , 2001, 331, 1-14.	2.2	95
72	Géochronologie U-Pb SHRIMP sur zircon et géochimie des gneiss de Orlica-Snieznik (Chaîne Varisque) <i>Tectonophysics</i> , 2001, 331, 1-14.	2.2	93

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73	Revised age of the MaÅy BoÅkÅw limestone in the KÅodzko metamorphic unit (early Givetian, late Middle Tj ETQq1 1 0.784314 Palaontologie - Abhandlungen, 1999, 211, 329-353.	0.4	15
74	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
75	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
76	Variscan tectonics. , 0, , 599-664.		28