

# Bartosz BudzyÅ,,

## List of Publications by Year in descending order

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35  
papers

1,008  
citations

687363

13  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

758  
citing authors

#	ARTICLE	IF	CITATIONS
1	A detailed and comprehensive TEM, EPMA and Raman characterization of high-metamorphic grade monazites and their U-Th-Pb systematics (the G <sup>3</sup> ry Sowie Block, SW Poland). <i>Chemical Geology</i> , 2022, 607, 121015.	3.3	7
2	Variscan metamorphism in the Bohemian Massif: Thermodynamic modelling and monazite geochronology of gneisses and granulites of the G <sup>3</sup> ry Sowie Massif, SW Poland. <i>Journal of Metamorphic Geology</i> , 2021, 39, 751-779.	3.4	11
3	Geochemical constraints on the distribution of trace elements and volatiles in fluorapatite from the Panasqueira tin-tungsten deposit (Portugal). <i>Chemie Der Erde</i> , 2021, 81, 125765.	2.0	1
4	TS-Mnz – A new monazite age reference material for U-Th-Pb microanalysis. <i>Chemical Geology</i> , 2021, 572, 120195.	3.3	11
5	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
6	LA-ICPMS, TEM and Raman study of radiation damage, fluid-induced alteration and disturbance of U-Pb and Th-Pb ages in experimentally metasomatised monazite. <i>Chemical Geology</i> , 2021, 583, 120464.	3.3	13
7	LA-ICP-MS and TEM constraints on the magmatic and post-magmatic processes recorded by the zircon-xenotime intergrowth in pegmatite (Pi <sup>3</sup> awa G <sup>3</sup> ry Sowie Block, SW Poland). <i>Lithos</i> , 2021, 404-405, 106480.	1.4	1
8	Nanoscale constraints on a fluid-induced transformation of monazite during postmagmatic alteration – A case of the Jawornik granitoid (NE Orlica- <sup>3</sup> nie <sup>4</sup> nik Dome, Sudetes, SW Poland). <i>Lithos</i> , 2020, 376-377, 105777.	1.4	0
9	Monazite U–Th–total Pb age constraints on an early Permian volcanic event in the South Carpathians, Romania. <i>Geologica Carpathica</i> , 2020, 71, .	0.7	1
10	Partial resetting of U–Pb ages during experimental fluid-induced re-equilibration of xenotime. <i>Lithos</i> , 2019, 346-347, 105163.	1.4	6
11	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
12	Provenance of upper Paleozoic siliciclastics rocks from two high-latitude glacially influenced intervals in Bolivia. <i>Journal of South American Earth Sciences</i> , 2019, 92, 12-31.	1.4	8
13	Cambro-Ordovician vs Devon-Carboniferous geodynamic evolution of the Bohemian Massif: evidence from <sup>40</sup> Ar/ <sup>39</sup> K studies in the Orlica- <sup>3</sup> nie <sup>4</sup> nik Dome, SW Poland. <i>Geological Magazine</i> , 2019, 156, 447-470.	1.5	8
14	Constraints on the timing of multiple thermal events and re-equilibration recorded by high-U zircon and xenotime: Case study of pegmatite from Pi <sup>3</sup> awa G <sup>3</sup> ry Sowie Block, SW Poland). <i>Lithos</i> , 2018, 310-311, 65-85.	1.4	16
15	Experimental constraints on the relative stabilities of the two systems monazite-(Ce) – allanite-(Ce) – fluorapatite and xenotime-(Y) – (Y,HREE)-rich epidote – (Y,HREE)-rich fluorapatite, in high Ca and Na-Ca environments under P-T conditions of 200–1000 MPa and 450–750 °C. <i>Mineralogy and Petrology</i> , 2017, 111, 183-217.	1.1	58
16	Structural, metamorphic and geochronological record in the Gosz <sup>3</sup> w quartzites of the Orlica- <sup>3</sup> nie <sup>4</sup> nik Dome (SW Poland): implications for the polyphase Variscan tectonometamorphism of the Saxothuringian terrane. <i>Geological Journal</i> , 2016, 51, 455-479.	1.3	9
17	Monazite stability and the maintenance of Th-U-total Pb ages during post-magmatic processes in granitoids and host metasedimentary rocks: A case study from the Sudetes (SW Poland). <i>Geological Quarterly</i> , 2016, 60, .	0.2	4
18	Stability of monazite and disturbance of the Th-U-Pb system under experimental conditions of 250–350 °C and 200–400 MPa. <i>Annales Societatis Geologorum Poloniae</i> , 2015, , 405-424.	0.1	13

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19	Monazite Th-U-total Pb geochronology and P-T thermodynamic modelling in a revision of the HP-HT metamorphic record in granulites from Stary Gierałtów (NE Orlica-Śnieżnik Dome, SW Poland). <i>Geological Quarterly</i> , 2015, 59, .	0.2	10
20	The stability of xenotime in high Ca and Ca-Na systems, under experimental conditions of 250-350°C and 200-400 MPa: the implications for fluid-mediated low-temperature processes in granitic rocks. <i>Geological Quarterly</i> , 2015, , .	0.2	2
21	Migmatization and large-scale folding in the Orlica-Śnieżnik Dome, NE Bohemian Massif: Pressure-temperature-time-deformation constraints on Variscan terrane assembly. <i>Tectonophysics</i> , 2014, 630, 54-74.	2.2	8
22	U-total Pb timing constraints on the emplacement of the granitoid pluton of Stolpen, Germany. <i>Acta Geologica Polonica</i> , 2014, 64, 457-472.	0.9	2
23	Fluid-induced magmatic and post-magmatic zircon and monazite patterns in granitoid pluton and related rhyolitic bodies. <i>Chemie Der Erde</i> , 2013, 73, 163-179.	2.0	10
24	Stability relationships of REE-bearing phosphates in an alkali-rich system (nepheline syenite from the) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	0.9	13
25	Resetting monazite ages during fluid-related alteration. <i>Chemical Geology</i> , 2011, 283, 218-225.	3.3	272
26	Experimental determination of stability relations between monazite, fluorapatite, allanite, and REE-epidote as a function of pressure, temperature, and fluid composition. <i>American Mineralogist</i> , 2011, 96, 1547-1567.	1.9	131
27	Fluorapatite-hingganite-(Y) coronas as products of fluid-induced xenotime-(Y) breakdown in the Skoddefjellet pegmatite, Svalbard. <i>Mineralogical Magazine</i> , 2011, 75, 159-167.	1.4	14
28	Experimental metasomatism of monazite and xenotime: mineral stability, REE mobility and fluid composition. <i>Mineralogy and Petrology</i> , 2010, 99, 165-184.	1.1	123
29	METAMORPHIC-HYDROTHERMAL REE MINERALS IN THE BACUCH MAGNETITE DEPOSIT, WESTERN CARPATHIANS, SLOVAKIA: (Sr,S)-RICH MONAZITE-(Ce) AND Nd-DOMINANT HINGGANITE. <i>Canadian Mineralogist</i> , 2010, 48, 81-94.	1.0	39
30	Fluid-mineral interactions and constraints on monazite alteration during metamorphism. <i>Mineralogical Magazine</i> , 2010, 74, 659-681.	1.4	46
31	Sensitive high-resolution ion microprobe analysis of zircon reequilibrated by late magmatic fluids in a hybridized pluton. <i>Geology</i> , 2009, 37, 1063-1066.	4.4	64
32	EPMA and PIXE dating of monazite in granulites from Stary Gierałtów, NE Bohemian Massif, Poland. <i>Gondwana Research</i> , 2008, 14, 675-685.	6.0	16
33	Application of electron probe microanalysis Th-U-total Pb geochronology to provenance studies of sedimentary rocks: An example from the Carpathian flysch. <i>Chemical Geology</i> , 2008, 254, 148-163.	3.3	13
34	Monazite Breakdown in Metapelites From Wedel Jarlsberg Land, Svalbard - Preliminary Report. <i>Mineralogia</i> , 2006, 37, 61-69.	0.8	27
35	Age constraints on the Pre-Variscan and Variscan thermal events in the Kamieniec Żółtkowicki Metamorphic belt (the Fore-Sudetic Block, SW Poland). <i>Annales Societatis Geologorum Poloniae</i> , 0, , .	0.1	0