

Benjamin P Wade

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Trace and minor elements in galena: A reconnaissance LA-ICP-MS study. <i>American Mineralogist</i> , 2015, 100, 548-569.	1.9	169
2	Uranium-bearing hematite from the Olympic Dam Cu-U-Au deposit, South Australia: A geochemical tracer and reconnaissance Pb-Pb geochronometer. <i>Precambrian Research</i> , 2013, 238, 129-147.	2.7	90
3	Skarn formation and trace elements in garnet and associated minerals from Zhibula copper deposit, Gangdese Belt, southern Tibet. <i>Lithos</i> , 2016, 262, 213-231.	1.4	65
4	Evolution of a hydrothermal ore-forming system recorded by sulfide mineral chemistry: a case study from the Plaka Pb-Zn-Ag Deposit, Lavrion, Greece. <i>Mineralium Deposita</i> , 2022, 57, 417-438.	4.1	38
5	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. <i>Chemical Geology</i> , 2019, 513, 54-72.	3.3	36
6	Matrix-Matched Iron-Oxide Laser Ablation ICP-MS U-Pb Geochronology Using Mixed Solution Standards. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 85.	2.0	34
7	OPENING THE MAGMATIC-HYDROTHERMAL WINDOW: HIGH-PRECISION U-Pb GEOCHRONOLOGY OF THE MESOPROTEROZOIC OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA. <i>Economic Geology</i> , 2020, 115, 1855-1870.	3.8	34
8	Focused Ion Beam and Advanced Electron Microscopy for Minerals: Insights and Outlook from Bismuth Sulphosalts. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 112.	2.0	30
9	Silician Magnetite: Si-Fe-Nanoprecipitates and Other Mineral Inclusions in Magnetite from the Olympic Dam Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 311.	2.0	27
10	Rare Earth Element Fluorocarbonate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 202.	2.0	26
11	Short-Range Stacking Disorder in Mixed-Layer Compounds: A HAADF STEM Study of Bastnäs-Parisite Intergrowths. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 227.	2.0	25
12	Hematite geochemistry and geochronology resolve genetic and temporal links among iron-oxide copper gold systems, Olympic Dam district, South Australia. <i>Precambrian Research</i> , 2019, 335, 105480.	2.7	22
13	Halogens in hydrothermal sphalerite record origin of ore-forming fluids. <i>Geology</i> , 2020, 48, 766-770.	4.4	21
14	Zircon at the Nanoscale Records Metasomatic Processes Leading to Large Magmatic-Hydrothermal Ore Systems. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 364.	2.0	15
15	Rare Earth Element Phosphate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia: Recognizing Temporal-Spatial Controls On Ree Mineralogy in an Evolved IOCG System. <i>Canadian Mineralogist</i> , 2019, 57, 3-24.	1.0	15
16	Uptake of trace elements by baryte during copper ore processing: A case study from Olympic Dam, South Australia. <i>Minerals Engineering</i> , 2019, 135, 83-94.	4.3	13
17	Numerical modelling of rare earth element fractionation trends in garnet: a tool to monitor skarn evolution. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	10
18	Mineralogy of Zirconium in Iron-Oxides: A Micron- to Nanoscale Study of Hematite Ore from Peculiar Knob, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 244.	2.0	9

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19	Polytypism and Polysomatism in Mixed-Layer Chalcogenides: Characterization of PbBi ₄ Te ₄ S ₃ and Inferences for Ordered Phases in the Aleksite Series. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 628.	2.0	8
20	ARSENIC-INDUCED DOWNSHIFT OF RAMAN BAND POSITIONS FOR PYRITE. <i>Economic Geology</i> , 2020, 115, 1589-1600.	3.8	7
21	Petrographic and geochronological constraints on the granitic basement to the Middleback Ranges, South Australia. <i>Precambrian Research</i> , 2019, 324, 170-193.	2.7	6
22	~1760 Ma magnetite-bearing protoliths in the Olympic Dam deposit, South Australia: Implications for ore genesis and regional metallogeny. <i>Ore Geology Reviews</i> , 2020, 118, 103337.	2.7	6
23	The Mixed-Layer Structures of Ikunolite, Laitakarite, Josite-B and Josite-A. <i>Minerals (Basel)</i> , 2021, 11, 980.	2.0	6
24	Chessboard structures: Atom-scale imaging of homologs from the kobellite series. <i>American Mineralogist</i> , 2019, 104, 459-462.	1.9	4
25	Gamma-enhancement of reflected light images: A rapid, effective tool for assessment of compositional heterogeneity in pyrite. <i>American Mineralogist</i> , 2021, 106, 497-505.	1.9	4
26	Bi ₈ Te ₃ , the 11-Atom Layer Member of the Tetradymite Homologous Series. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 980.	2.0	4
27	Synthesis of U-Pb doped hematite using a hydrated ferric oxide approach. <i>Journal of Crystal Growth</i> , 2019, 513, 48-57.	1.5	3
28	A Synthetic Haematite Reference Material for LA-ICP-MS U-Pb Geochronology and Application to Iron Oxide-Cu-Au Systems. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 143-159.	3.1	3
29	Episodic mafic magmatism in the Eyre Peninsula: Defining syn- and post-depositional BIF environments for iron deposits in the Middleback Ranges, South Australia. <i>Precambrian Research</i> , 2020, 337, 105535.	2.7	2
30	Skarn-style alteration in Proterozoic metasedimentary protoliths hosting IOCG mineralization: the Island Dam Prospect, South Australia. <i>Mineralium Deposita</i> , 2022, 57, 1227-1250.	4.1	2