

# Noreen Evans

## List of Publications by Citations

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182  
papers

4,579  
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39  
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g-index

188  
ext. papers

5,516  
ext. citations

4  
avg, IF

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L-index

#	Paper	IF	Citations
182	Osmium isotope constraints on ore metal recycling in subduction zones. <i>Science</i> , <b>1999</b> , 286, 512-6	33.3	236
181	Determination of Uranium and Thorium in Zircon, Apatite, and Fluorite: Application to Laser (U-Th)/He Thermochronology. <i>Journal of Analytical Chemistry</i> , <b>2005</b> , 60, 1159-1165	1.1	107
180	Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. <i>Economic Geology</i> , <b>2013</b> , 108, 1541-1576	4.3	106
179	Application of Thermochronology to Hydrothermal Ore Deposits. <i>Reviews in Mineralogy and Geochemistry</i> , <b>2005</b> , 58, 467-498	7.1	99
178	Re-anchoring the late Pleistocene tephrochronology of New Zealand based on concordant radiocarbon ages and combined <sup>238</sup> U/ <sup>230</sup> Th disequilibrium and (U+Th)/He zircon ages. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 349-350, 240-250	5.3	90
177	Acig�rhyolite field, Central Anatolia (part 1): high-resolution dating of eruption episodes and zircon growth rates. <i>Contributions To Mineralogy and Petrology</i> , <b>2011</b> , 162, 1215-1231	3.5	87
176	Contributions from mafic alkaline magmas to the Bingham porphyry Cu-Au-Mo deposit, Utah, USA. <i>Mineralium Deposita</i> , <b>2002</b> , 37, 14-37	4.8	83
175	Recycling of metal-fertilized lower continental crust: Origin of non-arc Au-rich porphyry deposits at cratonic edges. <i>Geology</i> , <b>2017</b> , 45, 563-566	5	82
174	Use of platinum-group elements for impactor identification: Terrestrial impact craters and Cretaceous-Tertiary boundary. <i>Geochimica Et Cosmochimica Acta</i> , <b>1993</b> , 57, 3737-3748	5.5	81
173	Seeing is believing: Visualization of He distribution in zircon and implications for thermal history reconstruction on single crystals. <i>Science Advances</i> , <b>2017</b> , 3, e1601121	14.3	78
172	Scheelite elemental and isotopic signatures: Implications for the genesis of skarn-type W-Mo deposits in the Chizhou Area, Anhui Province, Eastern China. <i>American Mineralogist</i> , <b>2014</b> , 99, 303-317	2.9	77
171	Post-peak, fluid-mediated modification of granulite facies zircon and monazite in the Trivandrum Block, southern India. <i>Contributions To Mineralogy and Petrology</i> , <b>2014</b> , 168, 1	3.5	70
170	Cretaceous magmatism and metallogeny in the Bangong-Nujiang metallogenic belt, central Tibet: Evidence from petrogeochemistry, zircon U-B ages, and Hf-D isotopic compositions. <i>Gondwana Research</i> , <b>2017</b> , 41, 110-127	5.1	69
169	Baogutu: An example of reduced porphyry Cu deposit in western Junggar. <i>Ore Geology Reviews</i> , <b>2014</b> , 56, 159-180	3.2	68
168	The zircon matrix effect—evidence for an ablation rate control on the accuracy of U-B age determinations by LA-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 981-989	3.7	60
167	Zircon geochronology and geochemistry of the Xianghualing A-type granitic rocks: Insights into multi-stage Sn-polymetallic mineralization in South China. <i>Lithos</i> , <b>2018</b> , 312-313, 1-20	2.9	58
166	Evolution of the Singhbhum Craton and supracrustal provinces from age, isotopic and chemical constraints. <i>Earth-Science Reviews</i> , <b>2019</b> , 193, 237-259	10.2	56

165	Evidence for melting mud in Earth's mantle from extreme oxygen isotope signatures in zircon. <i>Geology</i> , <b>2017</b> , 45, 975-978	5	55
164	Tectono-magmatic evolution of Late Jurassic to Early Cretaceous granitoids in the west central Lhasa subterrane, Tibet. <i>Gondwana Research</i> , <b>2016</b> , 39, 386-400	5.1	54
163	Constraining long-term denudation and faulting history in intraplate regions by multisystem thermochronology: An example of the Sudetic Marginal Fault (Bohemian Massif, central Europe). <i>Tectonics</i> , <b>2012</b> , 31, n/a-n/a	4.3	54
162	Mesozoic reactivation of the Beishan, southern Central Asian Orogenic Belt: Insights from low-temperature thermochronology. <i>Gondwana Research</i> , <b>2017</b> , 43, 107-122	5.1	52
161	Strategies towards robust interpretations of in situ zircon Lu/Hf isotope analyses. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 843-853	6	52
160	Insight into zircon REE oxy-barometers: A lattice strain model perspective. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 506, 87-96	5.3	51
159	Cenozoic uplift, exhumation and deformation in the north Kuqa Depression, China as constrained by (U/Th)/He thermochronometry. <i>Tectonophysics</i> , <b>2014</b> , 630, 166-182	3.1	50
158	Lawsonite geochemistry and stability – Implication for trace element and water cycles in subduction zones. <i>Journal of Metamorphic Geology</i> , <b>2014</b> , 32, 455-478	4.4	48
157	Contrasting Granite Metallogeny through the Zircon Record: A Case Study from Myanmar. <i>Scientific Reports</i> , <b>2017</b> , 7, 748	4.9	48
156	In situ LA-(MC)-ICP-MS trace element and Nd isotopic compositions and genesis of polygenetic titanite from the Baogutu reduced porphyry Cu deposit, Western Junggar, NW China. <i>Ore Geology Reviews</i> , <b>2015</b> , 65, 940-954	3.2	47
155	Petrogenesis and thermal history of the Yulong porphyry copper deposit, Eastern Tibet: insights from U-Pb and U-Th/He dating, and zircon Hf isotope and trace element analysis. <i>Mineralogy and Petrology</i> , <b>2012</b> , 105, 201-221	1.6	45
154	Across-arc geochemical variation in the Jurassic magmatic zone, Southern Tibet: Implication for continental arc-related porphyry Cu Au mineralization. <i>Chemical Geology</i> , <b>2017</b> , 451, 116-134	4.2	44
153	Petrogenesis and tectonic setting of Triassic granitoids in the Qiangtang terrane, central Tibet: Evidence from U/Pb ages, petrochemistry and Sr/Nd/Hf isotopes. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 105, 443-455	2.8	44
152	Abiogenic Fischer-Tropsch synthesis of methane at the Baogutu reduced porphyry copper deposit, western Junggar, NW-China. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 141, 179-198	5.5	44
151	Thermal-tectonic history of the Baogutu porphyry Cu deposit, West Junggar as constrained from zircon U/Pb, biotite Ar/Ar and zircon/apatite (U/Th)/He dating. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 79, 741-758	2.8	44
150	Ru/Ir ratios at the Cretaceous-Tertiary boundary: Implications for PGE source and fractionation within the ejecta cloud. <i>Geochimica Et Cosmochimica Acta</i> , <b>1993</b> , 57, 3149-3158	5.5	44
149	Magmatic process recorded in plagioclase at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 82, 136-150	2.8	42
148	The Fate of Magmatic Sulfides During Intrusion or Eruption, Bingham and Tintic Districts, Utah. <i>Economic Geology</i> , <b>2006</b> , 101, 329-345	4.3	41

147	Physicochemical Processes in the Magma Chamber under the Black Mountain Porphyry Cu-Au Deposit, Philippines: Insights from Mineral Chemistry and Implications for Mineralization. <i>Economic Geology</i> , <b>2018</b> , 113, 63-82	4.3	40
146	Poikilitic Textures, Heteradcumulates and Zoned Orthopyroxenes in the Ntaka Ultramafic Complex, Tanzania: Implications for Crystallization Mechanisms of Oikocrysts. <i>Journal of Petrology</i> , <b>2016</b> , 57, 1171-1198	3.9	39
145	Grain size matters: Implications for element and isotopic mobility in titanite. <i>Precambrian Research</i> , <b>2016</b> , 278, 283-302	3.9	39
144	Application of combined U-Th-disequilibrium/U-Pb and (U-Th)/He zircon dating to tephrochronology. <i>Quaternary Geochronology</i> , <b>2017</b> , 40, 23-32	2.7	39
143	Thermochronological constraints on the long-term erosional history of the Karkonosze Mts., Central Europe. <i>Geomorphology</i> , <b>2010</b> , 117, 78-89	4.3	38
142	Geochemistry and geochronology of the Banxi Sb deposit: Implications for fluid origin and the evolution of Sb mineralization in central-western Hunan, South China. <i>Gondwana Research</i> , <b>2018</b> , 55, 112-134	5.1	38
141	Numerical modeling of magmatic-hydrothermal systems constrained by U-Th-Pb time-temperature histories. <i>Journal of Geochemical Exploration</i> , <b>2010</b> , 106, 90-109	3.8	37
140	Apatite and titanite from the Karrat Group, Greenland; implications for charting the thermal evolution of crust from the U-Pb geochronology of common Pb bearing phases. <i>Precambrian Research</i> , <b>2017</b> , 300, 107-120	3.9	36
139	Thermochronological insights into the structural contact between the Tian Shan and Pamirs, Tajikistan. <i>Terra Nova</i> , <b>2018</b> , 30, 95-104	3	36
138	Re-Os and U-Pb geochronology of the Shazigou Mo polymetallic ore field, Inner Mongolia: Implications for Permian-Triassic mineralization at the northern margin of the North China Craton. <i>Ore Geology Reviews</i> , <b>2017</b> , 83, 287-299	3.2	34
137	Tectonic controls on sediment provenance evolution in rift basins: Detrital zircon U-Pb and Hf isotope analysis from the Perth Basin, Western Australia. <i>Gondwana Research</i> , <b>2019</b> , 66, 126-142	5.1	34
136	Thermal history of the giant Qulong Cu-Mo deposit, Gangdese metallogenic belt, Tibet: Constraints on magmatic-hydrothermal evolution and exhumation. <i>Gondwana Research</i> , <b>2016</b> , 36, 390-409	5.1	33
135	(U-Th)/He chronology of the Robe River channel iron deposits, Hamersley Province, Western Australia. <i>Chemical Geology</i> , <b>2013</b> , 354, 150-162	4.2	33
134	Genesis of ilmenite-series I-type granitoids at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. <i>Lithos</i> , <b>2016</b> , 246-247, 13-30	2.9	31
133	Fractionation of ruthenium from iridium at the Cretaceous-Tertiary boundary. <i>Earth and Planetary Science Letters</i> , <b>1995</b> , 134, 141-153	5.3	31
132	Volcanism, mineralization and metamorphism at the Xitieshan Pb-Zn deposit, NW China: Insights from zircon geochronology and geochemistry. <i>Ore Geology Reviews</i> , <b>2017</b> , 88, 289-303	3.2	30
131	The exhumation history of collision-related mineralizing systems in Tibet: Insights from thermal studies of the Sharang and Yaguila deposits, central Lhasa. <i>Ore Geology Reviews</i> , <b>2015</b> , 65, 1043-1061	3.2	30
130	Discriminating prolonged, episodic or disturbed monazite age spectra: An example from the Kalak Nappe Complex, Arctic Norway. <i>Chemical Geology</i> , <b>2016</b> , 424, 96-110	4.2	30

129	Structure and timing of Neoproterozoic gold mineralization in the Southern Cross district (Yilgarn Craton, Western Australia) suggest leading role of late Low-Ca I-type granite intrusions. <i>Journal of Structural Geology</i> , <b>2014</b> , 67, 205-221	3	30
128	The tetrad effect and geochemistry of apatite from the Altay Koktokay No. 3 pegmatite, Xinjiang, China: implications for pegmatite petrogenesis. <i>Mineralogy and Petrology</i> , <b>2013</b> , 107, 985-1005	1.6	30
127	Tectonothermal history of the Schwarzwald Ore District (Germany): An apatite triple dating approach. <i>Chemical Geology</i> , <b>2010</b> , 278, 58-69	4.2	29
126	Mineralization processes at the giant Jinding ZnPb deposit, Lanping Basin, Sanjiang Tethys Orogen: Evidence from in situ trace element analysis of pyrite and marcasite. <i>Geological Journal</i> , <b>2018</b> , 53, 1279-1294	1.7	29
125	Fluid evolution of Triassic and Jurassic W mineralization in the Xitian ore field, South China: Constraints from scheelite geochemistry and microthermometry. <i>Lithos</i> , <b>2019</b> , 330-331, 1-15	2.9	28
124	Associations between sulfides, carbonaceous material, gold and other trace elements in polyframboids: Implications for the source of orogenic gold deposits, Otago Schist, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , <b>2016</b> , 180, 197-213	5.5	28
123	Geological and thermochronological studies of the Dashui gold deposit, West Qinling Orogen, Central China. <i>Mineralium Deposita</i> , <b>2013</b> , 48, 397-412	4.8	28
122	Genesis of Vanadium Ores in the Otavi Mountainland, Namibia. <i>Economic Geology</i> , <b>2007</b> , 102, 441-469	4.3	28
121	The Nadun CuAu mineralization, central Tibet: Root of a high sulfidation epithermal deposit. <i>Ore Geology Reviews</i> , <b>2016</b> , 78, 371-387	3.2	28
120	An <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology on a mid-Eocene igneous event on the Barton and Weaver peninsulas: Implications for the dynamic setting of the Antarctic Peninsula. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	27
119	Fluorite (U/Th)/He thermochronology: Constraints on the low temperature history of Yucca Mountain, Nevada. <i>Applied Geochemistry</i> , <b>2005</b> , 20, 1099-1105	3.5	27
118	Mesozoic magmatism and metallogeny in the Chizhou area, Middle-Lower Yangtze Valley, SE China: Constrained by petrochemistry, geochemistry and geochronology. <i>Journal of Asian Earth Sciences</i> , <b>2014</b> , 91, 137-153	2.8	26
117	Survival of Ancient Landforms in a Collisional Setting as Revealed by Combined Fission Track and (U-Th)/He Thermochronometry: A Case Study from Corsica (France). <i>Journal of Geology</i> , <b>2012</b> , 120, 155-173	2.7	26
116	Mineralogical evidence for crystallization conditions and petrogenesis of ilmenite-series I-type granitoids at the Baogutu reduced porphyry Cu deposit (Western Junggar, NW China): Mössbauer spectroscopy, EPM and LA-(MC)-ICPMS analyses. <i>Ore Geology Reviews</i> , <b>2017</b> , 86, 382-403	3.2	25
115	Thermal history and differential exhumation across the Eastern Musgrave Province, South Australia: Insights from low-temperature thermochronology. <i>Tectonophysics</i> , <b>2017</b> , 703-704, 23-41	3.1	24
114	Assessing the magmatic affinity and petrogenesis of granitoids at the giant Aktogai porphyry Cu deposit, Central Kazakhstan. <i>Numerische Mathematik</i> , <b>2016</b> , 316, 614-668	5.3	24
113	Sulfur isotopes, trace element, and textural analyses of pyrite, arsenopyrite and base metal sulfides associated with gold mineralization in the Pataz-Parcoy district, Peru: implication for paragenesis, fluid source, and gold deposition mechanisms. <i>Mineralium Deposita</i> , <b>2019</b> , 54, 1077-1100	4.8	24
112	The distribution and geochemistry of platinum-group elements as event markers in the Phanerozoic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1997</b> , 132, 373-390	2.9	23

111	Quantifying Exhumation at the Giant Pulang Porphyry Cu-Au Deposit Using U-Pb-He Dating. <i>Economic Geology</i> , <b>2018</b> , 113, 1077-1092	4.3	23
110	Combined iron and magnesium isotope geochemistry of pyroxenite xenoliths from Hannuoba, North China Craton: implications for mantle metasomatism. <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 1	3.5	22
109	Petrogenesis of ore-forming and pre/post-ore granitoids from the Kounrad, Borly and Sayak porphyry/skarn Cu deposits, Central Kazakhstan. <i>Gondwana Research</i> , <b>2016</b> , 37, 408-425	5.1	22
108	Emplacement ages and exhumation rates for intrusion-hosted Cu-Mo-Bi-Au mineral systems at Freegold Mountain (Yukon, Canada): assessment from U-Pb, Ar-Ar, and (U-Th)/He geochronometers. <i>Canadian Journal of Earth Sciences</i> , <b>2012</b> , 49, 653-670	1.5	22
107	Variations in Zircon Provenance Constrain Age and Geometry of an Early Paleozoic Rift in the Pinjarra Orogen, East Gondwana. <i>Tectonics</i> , <b>2017</b> , 36, 2477-2496	4.3	21
106	Early Cambrian metamorphic zircon in the northern Pinjarra Orogen: Implications for the structure of the West Australian Craton margin. <i>Lithosphere</i> , <b>2017</b> , 9, 3-13	2.7	20
105	An in situ technique for (U-Th-Sm)/He and U-Pb double dating. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 1636-1645	3.7	20
104	Iron isotope fractionation during magmatic-hydrothermal evolution: A case study from the Duolong porphyry Cu-Au deposit, Tibet. <i>Geochimica Et Cosmochimica Acta</i> , <b>2018</b> , 238, 1-15	5.5	20
103	Komatiites and nickel sulfide ores of the Black Swan area, Yilgarn Craton, Western Australia. 3: Komatiite geochemistry, and implications for ore forming processes. <i>Mineralium Deposita</i> , <b>2004</b> , 39, 729-751	4.8	20
102	Phenocryst Zonation in Porphyry-Related Rocks of the Baguio District, Philippines: Evidence for Magmatic and Metallogenic Processes. <i>Journal of Petrology</i> , <b>2018</b> , 59, 825-848	3.9	20
101	Natural Titanite Reference Materials for In Situ U-Pb and Sm-Nd Isotopic Measurements by LA-(MC)-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , <b>2019</b> , 43, 355-384	3.6	19
100	Emplacement age and thermal footprint of the diamondiferous Ellendale E9 lamproite pipe, Western Australia. <i>Mineralium Deposita</i> , <b>2013</b> , 48, 413-421	4.8	19
99	Cooling and exhumation of the mid-Jurassic porphyry copper systems in Dexing City, SE China: insights from geo- and thermochronology. <i>Mineralium Deposita</i> , <b>2014</b> , 49, 809-819	4.8	19
98	Age constraints on faulting and fault reactivation: a multi-chronological approach. <i>International Journal of Earth Sciences</i> , <b>2010</b> , 99, 1187-1197	2.2	19
97	Probing into Thailand's basement: New insights from U-Pb geochronology, Sr, Sm-Nd, Pb and Lu-Hf isotopic systems from granitoids. <i>Lithos</i> , <b>2018</b> , 320-321, 332-354	2.9	19
96	Fluid-zircon interaction during low-temperature hydrothermal processes: Implications for the genesis of the Banxi antimony deposit, South China. <i>Ore Geology Reviews</i> , <b>2019</b> , 114, 103137	3.2	18
95	A multi-system geochronology in the Ad-3 borehole, Pannonian Basin (Hungary) with implications for dating volcanic rocks by low-temperature thermochronology and for interpretation of (U-Th)/He data. <i>Terra Nova</i> , <b>2015</b> , 27, 258-269	3	18
94	Assessment of a spodumene ore by advanced analytical and mass spectrometry techniques to determine its amenability to processing for the extraction of lithium. <i>Minerals Engineering</i> , <b>2018</b> , 119, 137-148	4.9	18

93	WA1ms: A ~2.61 Ga muscovite standard for $^{40}\text{Ar}/^{39}\text{Ar}$ dating. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 141, 113-126	5.5	18
92	Zircon U-Th-Pb-E double dating of the Merlin kimberlite field, Northern Territory, Australia. <i>Lithos</i> , <b>2009</b> , 112, 592-599	2.9	18
91	Petrogenesis of Paleocene-Eocene porphyry deposit-related granitic rocks in the Yaguila-Sharang ore district, central Lhasa terrane, Tibet. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 129, 38-53	2.8	18
90	Thermochronological record of Middle-Late Jurassic magmatic reheating to Eocene rift-related rapid cooling in the SE South China Block. <i>Gondwana Research</i> , <b>2017</b> , 46, 191-203	5.1	17
89	A new ~3.46 Ga asteroid impact ejecta unit at Marble Bar, Pilbara Craton, Western Australia: A petrological, microprobe and laser ablation ICPMS study. <i>Precambrian Research</i> , <b>2016</b> , 279, 103-122	3.9	17
88	Thermochronology of the Sulu ultrahigh-pressure metamorphic terrane: Implications for continental collision and lithospheric thinning. <i>Tectonophysics</i> , <b>2017</b> , 712-713, 10-29	3.1	16
87	Late Palaeogene emplacement and late Neogene-Quaternary exhumation of the Kuril island-arc root (Kunashir island) constrained by multi-method thermochronometry. <i>Geoscience Frontiers</i> , <b>2016</b> , 7, 211-220	6	16
86	Metal Sources of World-Class Polymetallic W-Bi Skarns in the Nanling Range, South China: Granites versus Sedimentary Rocks?. <i>Minerals (Basel, Switzerland)</i> , <b>2018</b> , 8, 265	2.4	16
85	Exhumation history of the Sanshandao Au deposit, Jiaodong: constraints from structural analysis and (U-Th)/He thermochronology. <i>Scientific Reports</i> , <b>2017</b> , 7, 7787	4.9	16
84	Zircon records multiple magmatic-hydrothermal processes at the giant Shizhuyuan W-Bi-Mo-Bi polymetallic deposit, South China. <i>Ore Geology Reviews</i> , <b>2019</b> , 115, 103160	3.2	15
83	Rapid orthopyroxene growth induced by silica assimilation: constraints from sector-zoned orthopyroxene, olivine oxygen isotopes and trace element variations in the Huangshanxi Ni-Cu deposit, Northwest China. <i>Contributions To Mineralogy and Petrology</i> , <b>2019</b> , 174, 1	3.5	15
82	Oxidation state inherited from the magma source and implications for mineralization: Late Jurassic to Early Cretaceous granitoids, Central Lhasa subterrane, Tibet. <i>Mineralium Deposita</i> , <b>2018</b> , 53, 299-309	4.8	15
81	The complexity of sediment recycling as revealed by common Pb isotopes in K-feldspar. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 1515-1527	6	15
80	Open Apatite Sr Isotopic System in Low-Temperature Hydrous Regimes. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 11192-11203	3.6	15
79	Low temperature thermochronology in the Eastern Alps: Implications for structural and topographic evolution. <i>Tectonophysics</i> , <b>2012</b> , 541-543, 1-18	3.1	15
78	Tracing metamorphism, exhumation and topographic evolution in orogenic belts by multiple thermochronology: a case study from the Nıke Tatry Mts., Western Carpathians. <i>Swiss Journal of Geosciences</i> , <b>2011</b> , 104, 285-298	2.1	15
77	Eo-Alpine metamorphism and the Eocene-Miocene thermal event in the Western Carpathians (Slovakia): new evidence from multiple thermochronology. <i>Geological Magazine</i> , <b>2012</b> , 149, 158-171	2	15
76	Application of X-ray micro-computed tomography in (U-Th)/He thermochronology. <i>Chemical Geology</i> , <b>2008</b> , 257, 101-113	4.2	15

75	Micro- and nano-scale textural and compositional zonation in plagioclase at the Black Mountain porphyry Cu deposit: Implications for magmatic processes. <i>American Mineralogist</i> , <b>2019</b> , 104, 391-402	2.9	14
74	A mixture of mantle and crustal derived He-Ar-B <sup>21</sup> ore-forming fluids at the Baogutu reduced porphyry Cu deposit, western Junggar. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 98, 188-197	2.8	13
73	Volatile variations in magmas related to porphyry Cu-Au deposits: Insights from amphibole geochemistry, Duolong district, central Tibet. <i>Ore Geology Reviews</i> , <b>2018</b> , 95, 649-662	3.2	13
72	When will it end? Long-lived intracontinental reactivation in central Australia. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 149-164	6	13
71	Rapid Exhumation of Earth's Youngest Exposed Granites Driven by Subduction of an Oceanic Arc. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 1259-1267	4.9	12
70	U-Th-Bb geochronology and simultaneous analysis of multiple isotope systems in geological samples by LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2018</b> , 33, 1600-1615	3.7	12
69	Fault-fluid evolution in the Xitian W-Bn ore field (South China): Constraints from scheelite texture and composition. <i>Ore Geology Reviews</i> , <b>2019</b> , 114, 103140	3.2	12
68	The Occurrence and Origin of Pentlandite-Chalcopyrite-Pyrrhotite Loop Textures in Magmatic Ni-Cu Sulfide Ores. <i>Economic Geology</i> , <b>2020</b> , 115, 1777-1798	4.3	12
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