

Zhou, Mf

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	SHRIMP U-Pb zircon geochronological and geochemical evidence for Neoproterozoic arc-magmatism along the western margin of the Yangtze Block, South China. <i>Earth and Planetary Science Letters</i> , 2002, 196, 51-67.	4.4	911
2	A temporal link between the Emeishan large igneous province (SW China) and the end-Guadalupian mass extinction. <i>Earth and Planetary Science Letters</i> , 2002, 196, 113-122.	4.4	535
3	Podiform Chromitites in the Luobusa Ophiolite (Southern Tibet): Implications for Melt-Rock Interaction and Chromite Segregation in the Upper Mantle. <i>Journal of Petrology</i> , 1996, 37, 3-21.	2.8	475
4	The Yanbian Terrane (Southern Sichuan Province, SW China): A Neoproterozoic arc assemblage in the western margin of the Yangtze Block. <i>Precambrian Research</i> , 2006, 144, 19-38.	2.7	435
5	Origin and tectonic significance of a Mesozoic multi-layer over-thrust system within the Yangtze Block (South China). <i>Tectonophysics</i> , 2003, 361, 239-254.	2.2	432
6	Geochemistry, Petrogenesis and Metallogensis of the Panzhihua Gabbroic Layered Intrusion and Associated Fe-Ti-V Oxide Deposits, Sichuan Province, SW China. <i>Journal of Petrology</i> , 2005, 46, 2253-2280.	2.8	376
7	Geochemistry and petrogenesis of 270 Ma Ni-Cu (PGE) sulfide-bearing mafic intrusions in the Huangshan district, Eastern Xinjiang, Northwest China: implications for the tectonic evolution of the Central Asian orogenic belt. <i>Chemical Geology</i> , 2004, 209, 233-257.	3.3	372
8	Remnants of a Cretaceous intra-oceanic subduction system within the Yarlung-Zangbo suture (southern Tibet). <i>Earth and Planetary Science Letters</i> , 2000, 183, 231-244.	4.4	343
9	Secular evolution of the lithosphere beneath the eastern North China Craton: evidence from Mesozoic basalts and high-Mg andesites. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 4373-4387.	3.9	311
10	Permian peralkaline, peraluminous and metaluminous A-type granites in the Panxi district, SW China: Their relationship to the Emeishan mantle plume. <i>Chemical Geology</i> , 2007, 243, 286-316.	3.3	275
11	Emeishan large igneous province, SW China. <i>Lithos</i> , 2005, 79, 475-489.	1.4	274
12	Two magma series and associated ore deposit types in the Permian Emeishan large igneous province, SW China. <i>Lithos</i> , 2008, 103, 352-368.	1.4	260
13	Late Mesozoic magmatism from the Daye region, eastern China: U-Pb ages, petrogenesis, and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 383-409.	3.1	236
14	Association of Neoproterozoic A- and I-type granites in South China: Implications for generation of A-type granites in a subduction-related environment. <i>Chemical Geology</i> , 2008, 257, 1-15.	3.3	219
15	Controls on Platinum-Group Elemental Distributions of Podiform Chromitites: A Case Study of High-Cr and High-Al Chromitites from Chinese Orogenic Belts. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 677-688.	3.9	217
16	Neoproterozoic adakitic plutons in the northern margin of the Yangtze Block, China: Partial melting of a thickened lower crust and implications for secular crustal evolution. <i>Lithos</i> , 2008, 104, 231-248.	1.4	215
17	Permian flood basalts and mafic intrusions in the Jinping (SW China)-Song Da (northern Vietnam) district: Mantle sources, crustal contamination and sulfide segregation. <i>Chemical Geology</i> , 2007, 243, 317-343.	3.3	211
18	Secular evolution of the Neoproterozoic lithospheric mantle underneath the northern margin of the Yangtze Block, South China. <i>Lithos</i> , 2009, 107, 152-168.	1.4	201

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19	Geochemical constraints on the origin of the Hegenshan Ophiolite, Inner Mongolia, China. <i>Journal of Asian Earth Sciences</i> , 1999, 17, 423-442.	2.3	200
20	Paleoproterozoic Rift-Related Volcanism of the Xiong'er Group, North China Craton: Implications for the Breakup of Columbia. <i>International Geology Review</i> , 2002, 44, 336-351.	2.1	193
21	Origin and tectonic environment of podiform chromite deposits. <i>Economic Geology</i> , 1997, 92, 259-262.	3.8	165
22	Geochemical Constraints on the Mantle Source of the Upper Permian Emeishan Continental Flood Basalts, Southwestern China. <i>International Geology Review</i> , 2001, 43, 213-225.	2.1	154
23	Late Permian rifting of the South China Craton caused by the Emeishan mantle plume?. <i>Journal of the Geological Society</i> , 2004, 161, 773-781.	2.1	149
24	Platinum-group elemental and Sr ⁸⁷ / _{Nd¹⁴⁷} isotopic geochemistry of Permian Emeishan flood basalts in Guizhou Province, SW China. <i>Chemical Geology</i> , 2008, 248, 83-103.	3.3	148
25	Provenance and tectonic setting of the Neoproterozoic Yanbian Group, western Yangtze Block (SW) Tj ETQq1 1 0.784314 rgBT /Overl 2.7 144	2.7	144
26	Zircon U-Pb geochronology and elemental and Sr ⁸⁷ / _{Nd¹⁴⁷} isotope geochemistry of Permian mafic rocks in the Funing area, SW China. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 1-19.	3.1	132
27	Origin of the Tongshankou porphyry ¹⁴⁷ / _{Nd¹⁴⁷} skarn Cu ⁶³ / _{Mo} deposit, eastern Yangtze craton, Eastern China: geochronological, geochemical, and Sr ⁸⁷ / _{Nd¹⁴⁷} isotopic constraints. <i>Mineralium Deposita</i> , 2008, 43, 315-336.	4.1	132
28	The role of Fe ⁶⁰ / _{Ti} oxide crystallization in the formation of A-type granitoids with implications for the Daly gap: An example from the Permian Baima igneous complex, SW China. <i>Chemical Geology</i> , 2009, 259, 204-217.	3.3	130
29	Geochemical significance of a garnet lherzolite from the Dahongshan kimberlite, Yangtze Craton, southern China.. <i>Geochemical Journal</i> , 2001, 35, 315-331.	1.0	128
30	Interaction of magma with sedimentary wall rock and magnetite ore genesis in the Panzihua mafic intrusion, SW China. <i>Mineralium Deposita</i> , 2008, 43, 677-694.	4.1	123
31	Melting of the subcontinental lithospheric mantle by the Emeishan mantle plume; evidence from the basal alkaline basalts in Dongchuan, Yunnan, Southwestern China. <i>Lithos</i> , 2008, 100, 93-111.	1.4	123
32	Mineral compositional constraints on petrogenesis and oxide ore genesis of the late Permian Panzihua layered gabbroic intrusion, SW China. <i>Lithos</i> , 2009, 110, 199-214.	1.4	118
33	Zircon Lu ¹⁷⁶ / _{Hf} isotopic constraints on Neoproterozoic subduction-related crustal growth along the western margin of the Yangtze Block, South China. <i>Precambrian Research</i> , 2008, 163, 189-209.	2.7	114
34	Abundant Fe ⁶⁰ / _{Ti} oxide inclusions in olivine from the Panzihua and Hongge layered intrusions, SW China: evidence for early saturation of Fe ⁶⁰ / _{Ti} oxides in ferrobaltic magma. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 307-321.	3.1	107
35	Ni ⁷⁸ / _{Cu} (PGE) magmatic sulfide deposits in the Yangliuping area, Permian Emeishan igneous province, SW China. <i>Mineralium Deposita</i> , 2003, 38, 831-843.	4.1	103
36	Zircon Lu ¹⁷⁶ / _{Hf} isotopic compositions of metaluminous and peralkaline A-type granitic plutons of the Emeishan large igneous province (SW China): Constraints on the mantle source. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 45-55.	2.3	101

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37	Determination of low concentrations of platinum group elements in geological samples by ID-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 1335.	3.0	99
38	Platinum-group element geochemistry of the Hongge Fe-Ti deposit in the Pan-Xi area, southwestern China. <i>Mineralium Deposita</i> , 2002, 37, 226-239.	4.1	98
39	Siderophile and chalcophile elemental constraints on the origin of the Jinchuan Ni-Cu-(PGE) sulfide deposit, NW China. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 404-424.	3.9	91
40	Geochemistry of the Emeishan flood basalts at Yangliuping, Sichuan, SW China: implications for sulfide segregation. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 53-74.	3.1	90
41	Trace elemental and PGE geochemical constraints of Mesozoic and Cenozoic peridotitic xenoliths on lithospheric evolution of the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3401-3418.	3.9	88
42	Controls on the PGE distribution of Permian Emeishan alkaline and peralkaline volcanic rocks in Longzhoushan, Sichuan Province, SW China. <i>Lithos</i> , 2008, 106, 222-236.	1.4	80
43	Evaluation of a technique for determining Re and PGEs in geological samples by ICP-MS coupled with a modified Carius tube digestion. <i>Geochemical Journal</i> , 2007, 41, 407-414.	1.0	78
44	Tectonic Evolution of the West Kunlun: Geochronologic and Geochemical Constraints from Kudi Granitoids. <i>International Geology Review</i> , 2002, 44, 653-669.	2.1	75
45	The dynamothermal aureole of the Donqiao ophiolite (northern Tibet). <i>Canadian Journal of Earth Sciences</i> , 1997, 34, 59-65.	1.3	72
46	Longevity of the Permian Emeishan mantle plume (SW China): 1 Ma, 8 Ma or 18 Ma?. <i>Geological Magazine</i> , 2008, 145, 373-388.	1.5	72
47	Controls on the metal compositions of magmatic sulfide deposits in the Emeishan large igneous province, SW China. <i>Chemical Geology</i> , 2008, 253, 38-49.	3.3	68
48	Fe-Ti-Cr oxides from the Permian Xinjie mafic-ultramafic layered intrusion in the Emeishan large igneous province, SW China: Crystallization from Fe- and Ti-rich basaltic magmas. <i>Lithos</i> , 2008, 102, 198-217.	1.4	66
49	Structural style and tectonic significance of the Jianglang dome in the eastern margin of the Tibetan Plateau, China. <i>Journal of Structural Geology</i> , 2003, 25, 765-779.	2.3	65
50	Melting of Newly Formed Mafic Crust for the Formation of Neoproterozoic I-Type Granite in the Hannan Region, South China. <i>Journal of Geology</i> , 2009, 117, 54-70.	1.4	63
51	Constraints on the depth, geometry and kinematics of blind detachment faults provided by fault-propagation folds: An example from the Mesozoic fold belt of South China. <i>Journal of Structural Geology</i> , 2009, 31, 150-162.	2.3	62
52	Determination of Rare Earth Elements and Y in Ultramafic Rocks by ICP-MS After Preconcentration Using Fe(OH) ₃ and Mg(OH) ₂ Coprecipitation. <i>Geostandards and Geoanalytical Research</i> , 2005, 29, 131-141.	1.9	57
53	Structural and geochronological constraints on the tectono-thermal evolution of the Danba domal terrane, eastern margin of the Tibetan plateau. <i>Journal of Asian Earth Sciences</i> , 2008, 33, 414-427.	2.3	57
54	Heterogeneous mantle source and magma differentiation of quaternary arc-like volcanic rocks from Tengchong, SE margin of the Tibetan Plateau. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 841-860.	3.1	56

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55	Geochemistry of magnetite from Proterozoic Fe-Cu deposits in the Kangdian metallogenic province, SW China. <i>Mineralium Deposita</i> , 2015, 50, 795-809.	4.1	55
56	Routine Os analysis by isotope dilution-inductively coupled plasma mass spectrometry: OsO ₄ in water solution gives high sensitivity. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 345-349.	3.0	54
57	Geochemistry and tectonic environment of the Dagzhuka ophiolite in the Yarlung-Zangbo suture zone, Tibet.. <i>Geochemical Journal</i> , 2003, 37, 311-324.	1.0	53
58	Mineral chemistry of chromite from the Permian Jinbaoshan Pt-Pd sulphide-bearing ultramafic intrusion in SW China with petrogenetic implications. <i>Lithos</i> , 2005, 83, 47-66.	1.4	53
59	Geochemistry and petrogenesis of the Yishak Volcanic Sequence, Kudi ophiolite, West Kunlun (NW) Tj ETQq1 1 0.784314 rgBT /Overl <i>Mineralogy and Petrology</i> , 2005, 150, 195-211.	3.1	51
60	Crustal-contaminated komatiitic basalts in Southern China: products of a Proterozoic mantle plume beneath the Yangtze Block. <i>Precambrian Research</i> , 2000, 103, 175-189.	2.7	50
61	The Hunan-Jiangxi strike-slip fault system in southern China. <i>Journal of Geodynamics</i> , 2001, 32, 333-354.	1.6	49
62	Mesozoic extensional structures of the Fangshan tectonic dome and their subsequent reworking during collisional accretion of the North China Block. <i>Journal of the Geological Society</i> , 2006, 163, 127-142.	2.1	45
63	Geochemistry and Tectonic Significance of Basaltic Lavas in the Neoproterozoic Yanbian Group, Southern Sichuan Province, Southwest China. <i>International Geology Review</i> , 2007, 49, 554-571.	2.1	43
64	Controls on variations of platinum-group element concentrations in the sulfide ores of the Jinchuan Ni-Cu deposit, western China. <i>Mineralium Deposita</i> , 2008, 43, 609-622.	4.1	43
65	Podiform Chromitites: Their composition, origin and environment of formation. <i>Episodes</i> , 1997, 20, 247-252.	1.2	43
66	Geochronology and geochemistry of the c. 80 Ma Rutog granitic pluton, northwestern Tibet: implications for the tectonic evolution of the Lhasa Terrane. <i>Geological Magazine</i> , 2008, 145, 845-857.	1.5	42
67	Platinum-group minerals from the Jinbaoshan Pd-Pt deposit, SW China: evidence for magmatic origin and hydrothermal alteration. <i>Mineralium Deposita</i> , 2008, 43, 791-803.	4.1	41
68	Germanium enrichment in sphalerite with acicular and euhedral textures: an example from the Zhulingou carbonate-hosted Zn(-Ge) deposit, South China. <i>Mineralium Deposita</i> , 2022, 57, 1343-1365.	4.1	30
69	Geochemistry and Origin of Listwanites in the Sartohay and Luobusa Ophiolites, China. <i>International Geology Review</i> , 2005, 47, 177-202.	2.1	29
70	Determination of Pt, Pd, Ru and Ir in geological samples by ID-ICP-MS using sodium peroxide fusion and Te co-precipitation. <i>Geochemical Journal</i> , 2003, 37, 557-565.	1.0	28
71	Comments on "Petrology of the Hegenshan ophiolite and its implication for the tectonic evolution of northern China" by T. Nozaka and Y. Liu [<i>Earth Planet. Sci. Lett.</i> 202 (2002) 89-104]. <i>Earth and Planetary Science Letters</i> , 2004, 217, 207-210.	4.4	28
72	Petrogenetic significance of chromian spinels from the Sudbury Igneous Complex, Ontario, Canada. <i>Canadian Journal of Earth Sciences</i> , 1997, 34, 1405-1419.	1.3	25

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73	Geology, Geochemistry and U-Pb SHRIMP Age of the Tacloban Ophiolite Complex, Leyte Island (Central) Tj ETQq1 Geology, 2005, 55, 207-216.	1.0784314 0.8	14 23
74	Crystallization of Podiform Chromitites from Silicate Magmas and the Formation of Nodular Textures. Resource Geology, 2001, 51, 1-6.	0.8	22
75	Absence of Archean basement in the South Kunlun Block: Nd-Sr-O isotopic evidence from granitoids. Island Arc, 2003, 12, 13-21.	1.1	21
76	A new method to correct Ni- and Cu-argide interference in the determination of the platinum-group elements, Ru, Rh, and Pd, by ICP-MS.. Geochemical Journal, 2001, 35, 413-420.	1.0	18
77	Origin of a large breccia-vein system in the Sanerlin uranium deposit, southern China: a reinterpretation. Mineralium Deposita, 2002, 37, 213-225.	4.1	14
78	Chromitite and ultramafic rock compositional zoning through a paleotransform fault, Poum, New Caledonia; discussion. Economic Geology, 1997, 92, 502-503.	3.8	13
79	Intense subaerial weathering of eolian sediments in Gale crater, Mars. Science Advances, 2021, 7, .	10.3	13
80	Growth and thermal maturation of the Toba magma reservoir. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
81	Tectonic Controls on the Formation of the Liwu Cu-Fe Sulfide Deposit in the Jianglang Dome, S W China. Resource Geology, 2003, 53, 89-100.	0.8	11
82	Rare Earth Element Geochemistry of the Zigzag - Klondyke Sedimentary Rock Formations: Clues to the Evolution of the Baguio Mineral District (Luzon), Philippines. Resource Geology, 2005, 55, 217-224.	0.8	10
83	The Mayari-Baracoa Paired Ophiolite Belt, Eastern Cuba: Implications for Tectonic Settings and Platinum-Group Elemental Mineralization. International Geology Review, 2001, 43, 494-507.	2.1	8
84	In situ Pb-Pb isotopic dating of sulfides from hydrothermal deposits: a case study of the Lala Fe-Cu deposit, SW China. Mineralium Deposita, 2019, 54, 671-682.	4.1	8
85	Origin of giant Fe-Ti-V oxide deposits in layered gabbroic intrusions, Pan-Xi district, Sichuan Province, SW China. , 2005, , 511-513.		3
86	An early Proterozoic podiform chromitite in the Outokumpu ophiolite complex, Finland; discussion. Economic Geology, 1996, 91, 221-222.	3.8	2
87	New insights about the origin of the Shilu Fe-Cu-Co deposit, Hainan Island, South China, with emphasis on the regional metallogeny. Mineralium Deposita, 2022, 57, 1415-1430.	4.1	1
88	Mineral chemistry of Fe-Ti oxides from the Xinjie PGE-bearing layered mafic-ultramafic intrusion in Sichuan, SW China. , 2005, , 481-485.		0