

# Pu Sun

## List of Publications by Year in descending order

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papers

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citations

567281

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times ranked

529  
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#	ARTICLE	IF	CITATIONS
1	Molybdenum isotope systematics of lavas from the East Pacific Rise: Constraints on the source of enriched mid-ocean ridge basalt. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117283.	4.4	21
2	A simple and robust method for calculating temperatures of granitoid magmas. <i>Mineralogy and Petrology</i> , 2022, 116, 93-103.	1.1	8
3	Sublithosphere Mantle Crystallization and Immiscible Sulfide Melt Segregation in Continental Basalt Magmatism: Evidence from Clinopyroxene Megacrysts in the Cenozoic Basalts of Eastern China. <i>Journal of Petrology</i> , 2022, 63, .	2.8	5
4	Petrogenesis of the early Cretaceous intra-plate basalts from the Western North China Craton: Implications for the origin of the metasomatized cratonic lithospheric mantle. <i>Lithos</i> , 2021, 380-381, 105887.	1.4	6
5	Eastern China continental lithosphere thinning is a consequence of paleo-Pacific plate subduction: A review and new perspectives. <i>Earth-Science Reviews</i> , 2021, 218, 103680.	9.1	35
6	The nature and origin of upper mantle heterogeneity beneath the Mid-Atlantic Ridge 33°–35°N: A Sr-Nd-Hf isotopic perspective. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 307, 72-85.	3.9	6
7	Tectonic significance of the Cretaceous granitoids along the south-east coast of continental China. <i>Geological Journal</i> , 2020, 55, 173-196.	1.3	2
8	A re-assessment of nickel-doping method in iron isotope analysis on rock samples using multi-collector inductively coupled plasma mass spectrometry. <i>Acta Geochimica</i> , 2020, 39, 355-364.	1.7	11
9	Lithosphere thickness controls continental basalt compositions: An illustration using Cenozoic basalts from eastern China. <i>Geology</i> , 2020, 48, 128-133.	4.4	40
10	Large iron isotope variation in the eastern Pacific mantle as a consequence of ancient low-degree melt metasomatism. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 269-288.	3.9	27
11	Mineral Compositions of Syn-collisional Granitoids and their Implications for the Formation of Juvenile Continental Crust and Adakitic Magmatism. <i>Journal of Petrology</i> , 2020, 61, .	2.8	23
12	The Lithospheric Thickness Control on the Compositional Variation of Continental Intraplate Basalts: A Demonstration Using the Cenozoic Basalts and Clinopyroxene Megacrysts From Eastern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019315.	3.4	15
13	Iron isotope fractionation during mid-ocean ridge basalt (MORB) evolution: Evidence from lavas on the East Pacific Rise at 10°30'N and its implications. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 227-239.	3.9	36
14	The petrogenesis and tectonic significance of the Early Cretaceous intraplate granites in eastern China: The Laoshan granite as an example. <i>Lithos</i> , 2019, 328-329, 200-211.	1.4	16
15	The origin and geodynamic significance of the Mesozoic dykes in eastern continental China. <i>Lithos</i> , 2019, 332-333, 328-339.	1.4	20
16	The syncollisional granitoid magmatism and crust growth during the West Qinling Orogeny, China: Insights from the Jiaochangba pluton. <i>Geological Journal</i> , 2019, 54, 4014-4033.	1.3	6
17	Multiple mantle metasomatism beneath the Leizhou Peninsula, South China: evidence from elemental and Sr-Nd-Pb-Hf isotope geochemistry of the late Cenozoic volcanic rocks. <i>International Geology Review</i> , 2019, 61, 1768-1785.	2.1	29
18	The evolution and ascent paths of mantle xenolith-bearing magma: Observations and insights from Cenozoic basalts in Southeast China. <i>Lithos</i> , 2018, 310-311, 171-181.	1.4	15

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19	The Early Cretaceous bimodal volcanic suite from the Yinshan Block, western North China Craton: Origin, process and geological significance. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 348-364.	2.3	16
20	Origin of the Jurassic-Cretaceous intraplate granitoids in Eastern China as a consequence of paleo-Pacific plate subduction. <i>Lithos</i> , 2018, 322, 405-419.	1.4	14
21	Simple and cost-effective methods for precise analysis of trace element abundances in geological materials with ICP-MS. <i>Science Bulletin</i> , 2017, 62, 277-289.	9.0	71
22	Elemental and Sr <sup>87</sup> /Nd <sup>143</sup> /Pb isotope geochemistry of the Cenozoic basalts in Southeast China: Insights into their mantle sources and melting processes. <i>Lithos</i> , 2017, 272-273, 16-30.	1.4	37
23	The origin of Cenozoic basalts from central Inner Mongolia, East China: The consequence of recent mantle metasomatism genetically associated with seismically observed paleo-Pacific slab in the mantle transition zone. <i>Lithos</i> , 2016, 240-243, 104-118.	1.4	60
24	Exotic origin of the Chinese continental shelf: new insights into the tectonic evolution of the western Pacific and eastern China since the Mesozoic. <i>Science Bulletin</i> , 2015, 60, 1598-1616.	9.0	128
25	Lithosphere thinning beneath west North China Craton: Evidence from geochemical and Sr <sup>87</sup> /Nd <sup>143</sup> /Hf isotope compositions of Jining basalts. <i>Lithos</i> , 2014, 202-203, 37-54.	1.4	69