

# Xun Wei

## List of Publications by Year in descending order

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17  
papers

566  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

512  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Early Permian Tarim Large Igneous Province: Main characteristics and a plume incubation model. <i>Lithos</i> , 2014, 204, 20-35.	1.4	216
2	Plume-lithosphere interaction in the generation of the Tarim large igneous province, NW China: Geochronological and geochemical constraints. <i>Numerische Mathematik</i> , 2014, 314, 314-356.	1.4	120
3	Petrogenetic evaluation of the Laohutai basalts from North China Craton: Melting of a two-component source during lithospheric thinning in the late Cretaceous–early Cenozoic. <i>Lithos</i> , 2012, 154, 68-82.	1.4	40
4	Mantle Hg isotopic heterogeneity and evidence of oceanic Hg recycling into the mantle. <i>Nature Communications</i> , 2022, 13, 948.	12.8	36
5	Petrology and Sr–Nd Isotopic Disequilibrium of the Xiaohaizi Intrusion, NW China: Genesis of Layered Intrusions in the Tarim Large Igneous Province. <i>Journal of Petrology</i> , 2014, 55, 2567-2598.	2.8	32
6	Composition of the Tarim mantle plume: Constraints from clinopyroxene antecrysts in the early Permian Xiaohaizi dykes, NW China. <i>Lithos</i> , 2015, 230, 69-81.	1.4	25
7	High water content in primitive continental flood basalts. <i>Scientific Reports</i> , 2016, 6, 25416.	3.3	21
8	B isotopes of Carboniferous–Permian volcanic rocks in the Tuha basin mirror a transition from subduction to intraplate setting in Central Asian Orogenic Belt. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7946-7964.	3.4	18
9	Mid-Cretaceous Wake seamounts in NW Pacific originate from secondary mantle plumes with Arago hotspot composition. <i>Chemical Geology</i> , 2022, 587, 120632.	3.3	13
10	Constraining the duration of the Tarim flood basalts (northwestern China): CA-TIMS zircon U-Pb dating of tuffs. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 325-334.	3.3	10
11	Sr-Nd-Pb isotopic compositions of the lower crust beneath northern Tarim: insights from igneous rocks in the Kuluketage area, NW China. <i>Mineralogy and Petrology</i> , 2017, 111, 237-252.	1.1	9
12	Zircon U-Pb age and Hf-O isotope insights into genesis of Permian Tarim felsic rocks, NW China: Implications for crustal melting in response to a mantle plume. <i>Gondwana Research</i> , 2019, 76, 290-302.	6.0	9
13	Origin of high-An plagioclase in the early Permian (~280 Ma) Xiaohaizi wehrlite, Northwest China: insights from melt inclusions in clinopyroxene macrocrysts and zircon oxygen isotopes. <i>International Geology Review</i> , 2016, 58, 1005-1019.	2.1	5
14	New geochemical and Sr-Nd-Pb isotope evidence for FOZO and Azores plume components in the sources of DSDP Holes 559 and 561 MORBs. <i>Chemical Geology</i> , 2020, 557, 119858.	3.3	4
15	Co-Occurrence of HIMU and EM1 Components in a Single Magellan Seamount: Implications for the Formation of West Pacific Seamount Province. <i>Journal of Petrology</i> , 2022, 63, .	2.8	4
16	Implications of the melting depth and temperature of the Atlantic mid-ocean ridge basalts. <i>Acta Oceanologica Sinica</i> , 2019, 38, 35-42.	1.0	3
17	Evaluating the effect of leaching on trace element and Nd-Pb isotopic systematics in continental basalts. <i>Solid Earth Sciences</i> , 2019, 4, 1-11.	1.7	1