

# Mohammad Mahdi Khatib

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

785  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature and structural heterogeneities of the lithosphere control the continental deformation in the northeastern and eastern Iranian plateau as revealed by shear-wave splitting observations. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117284.	4.4	10
2	Structural Characteristics and Formation Mechanism of the Earth Fissures as a Geohazard in Birjand, Iran. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4144.	2.5	11
3	The North Sistan orogen (Eastern Iran): Tectono-metamorphic evolution and significance within the Tethyan realm. <i>Gondwana Research</i> , 2022, 109, 460-492.	6.0	12
4	Lateral Structural Variation of the Lithosphereâ€Asthenosphere System in the Northeastern to Eastern Iranian Plateau and Its Tectonic Implications. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, .	3.4	20
5	A statistical approach to estimates of geomorphological-morphotectonic diversity for evaluating the scientific value of geosites: a case study from the southeastern Lut desert, Iran. <i>Geologos</i> , 2020, 26, 75-86.	0.6	1
6	Future stress accumulation zones around the main active faults by 3D numerical simulation in East Azerbaijan Province, Iran. <i>Acta Geodaetica Et Geophysica</i> , 2019, 54, 461-481.	1.6	2
7	Neogene to Present paleostress field in Eastern Iran (Sistan belt) and implications for regional geodynamics. <i>Tectonics</i> , 2017, 36, 321-339.	2.8	32
8	Zircon Hf isotopic constraints on magmatic and tectonic evolution in Iran: Implications for crustal growth in the Tethyan orogenic belt. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 652-669.	2.3	57
9	Solid meshing of 3D geological model in finite element analysis: a case study of East Azerbaijan, NW Iran. <i>Modeling Earth Systems and Environment</i> , 2016, 2, 1.	3.4	2
10	3D Mechanical modeling of faults planes based on stress fields: a case study of Saravan fault, SE Iran. <i>Modeling Earth Systems and Environment</i> , 2015, 1, 1.	3.4	4
11	Late Cretaceous evolution of the northern Sistan suture zone, eastern Iran: Implications of magnetic fabrics and microstructures in the Bibi Maryam granitoid. <i>Journal of Earth System Science</i> , 2015, 124, 631-642.	1.3	3
12	Composition and structure of the lithospheric mantle beneath NE Iran: Constraints from mantle xenoliths. <i>Lithos</i> , 2014, 202-203, 267-282.	1.4	21
13	Eoceneâ€Oligocene post-collisional magmatism in the Lutâ€Sistan region, eastern Iran: Magma genesis and tectonic implications. <i>Lithos</i> , 2013, 180-181, 234-251.	1.4	120
14	Iranian ultrapotassic volcanism at ~11ÂMa signifies the initiation of postâ€collisional magmatism in the <sc>Arabiaâ€Eurasia collision zone. <i>Terra Nova</i> , 2013, 25, 405-413.	2.1	57
15	Zircon Uâ€Pb age constraints from Iran on the magmatic evolution related to Neotethyan subduction and Zagros orogeny. <i>Lithos</i> , 2013, 162-163, 70-87.	1.4	343
16	Zircon Uâ€Pb age and geochemical constraints on the origin of the Birjand ophiolite, Sistan suture zone, eastern Iran. <i>Lithos</i> , 2012, 154, 392-405.	1.4	90