

# Kara J Matthews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8736256/publications.pdf>

Version: 2024-02-01

17  
papers

2,378  
citations

567281

15  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding earth's plate tectonic history using sparse geochemical data. <i>Geoscience Frontiers</i> , 2020, 11, 265-276.	8.4	10
2	A Global Data Set of Present-Day Oceanic Crustal Age and Seafloor Spreading Parameters. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009214.	2.5	133
3	SubMachine: Web-Based Tools for Exploring Seismic Tomography and Other Models of Earth's Deep Interior. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1464-1483.	2.5	113
4	The influence of carbonate platform interactions with subduction zone volcanism on palaeo-atmospheric CO <sub>2</sub> since the Devonian. <i>Climate of the Past</i> , 2018, 14, 857-870.	3.4	19
5	A global review and digital database of large-scale extinct spreading centers. , 2017, 13, 911-949.		24
6	On the consistency of seismically imaged lower mantle slabs. <i>Scientific Reports</i> , 2017, 7, 10976.	3.3	68
7	Ocean Basin Evolution and Global-Scale Plate Reorganization Events Since Pangea Breakup. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 107-138.	11.0	724
8	Global plate boundary evolution and kinematics since the late Paleozoic. <i>Global and Planetary Change</i> , 2016, 146, 226-250.	3.5	553
9	Melanesian back-arc basin and arc development: Constraints from the eastern Coral Sea. <i>Gondwana Research</i> , 2016, 39, 77-95.	6.0	34
10	Tectonic evolution and deep mantle structure of the eastern Tethys since the latest Jurassic. <i>Earth-Science Reviews</i> , 2016, 162, 293-337.	9.1	151
11	Formation of Australian continental margin highlands driven by plate-mantle interaction. <i>Earth and Planetary Science Letters</i> , 2016, 441, 60-70.	4.4	54
12	Oceanic microplate formation records the onset of India-Eurasia collision. <i>Earth and Planetary Science Letters</i> , 2016, 433, 204-214.	4.4	27
13	Semiautomatic fracture zone tracking. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2462-2472.	2.5	60
14	Geologic and kinematic constraints on Late Cretaceous to mid Eocene plate boundaries in the southwest Pacific. <i>Earth-Science Reviews</i> , 2015, 140, 72-107.	9.1	75
15	A global-scale plate reorganization event at 105~100Ma. <i>Earth and Planetary Science Letters</i> , 2012, 355-356, 283-298.	4.4	165
16	The tectonic fabric of the ocean basins. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	123
17	Dynamic subsidence of Eastern Australia during the Cretaceous. <i>Gondwana Research</i> , 2011, 19, 372-383.	6.0	45