

Simon M Peacock

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,860
citations

933264

10
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

2314
citing authors

#	ARTICLE	IF	CITATIONS
1	Serpentinization of the forearc mantle. <i>Earth and Planetary Science Letters</i> , 2003, 212, 417-432.	1.8	722
2	Subduction factory 1. Theoretical mineralogy, densities, seismic wave speeds, and H2O contents. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	714
3	An inverted continental Moho and serpentinization of the forearc mantle. <i>Nature</i> , 2002, 417, 536-538.	13.7	556
4	Are the lower planes of double seismic zones caused by serpentine dehydration in subducting oceanic mantle?. <i>Geology</i> , 2001, 29, 299.	2.0	473
5	High pore pressures and porosity at 35 km depth in the Cascadia subduction zone. <i>Geology</i> , 2011, 39, 471-474.	2.0	184
6	Serpentinization and infiltration metasomatism in the Trinity peridotite, Klamath province, northern California: implications for subduction zones. <i>Contributions To Mineralogy and Petrology</i> , 1987, 95, 55-70.	1.2	118
7	Seismicity in Cascadia. <i>Lithos</i> , 2019, 332-333, 55-66.	0.6	26
8	On the Stability of Talc in Subduction Zones: A Possible Control on the Maximum Depth of Decoupling Between the Subducting Plate and Mantle Wedge. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094889.	1.5	19
9	The Northern Terminus of Cascadia Subduction. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018453.	1.4	13
10	Role of Serpentinized Mantle Wedge in Affecting Megathrust Seismogenic Behavior in the Area of the 2010 <i>M</i></i>â€™%â€™%8.8 Maule Earthquake. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090482.	1.5	12
11	A Double Difference Tomography Study of the Washington Forearc: Does Siletzia Control Crustal Seismicity?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019750.	1.4	9
12	Complex Structure in the Nootka Fault Zone Revealed by Doubleâ€™Difference Tomography and a New Earthquake Catalog. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	9
13	Deducing Mineralogy of Serpentinized and Carbonated Ultramafic Rocks Using Physical Properties With Implications for Carbon Sequestration and Subduction Zone Dynamics. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009989.	1.0	5