

Arie Van Den Berg

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

169
citations

1478505

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1720034

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8
all docs

8
docs citations

8
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Feedbacks between subduction dynamics and slab deformation: Combined effects of nonlinear rheology of a weak decoupling layer and phase transitions. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 313, 106679.	1.9	4
2	The Geodynamic World Builder: a solution for complex initial conditions in numerical modeling. <i>Solid Earth</i> , 2019, 10, 1785-1807.	2.8	11
3	Impact of compressibility on heat transport characteristics of large terrestrial planets. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 268, 65-77.	1.9	8
4	SEPRAN: A versatile finite-element package for a wide variety of problems in geosciences. <i>Journal of Earth Science (Wuhan, China)</i> , 2015, 26, 89-95.	3.2	13
5	The effects of rheological decoupling on slab deformation in the Earth's upper mantle. <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 460-481.	0.5	18
6	Formation and evolution of a lunar core from ilmenite-rich magma ocean cumulates. <i>Earth and Planetary Science Letters</i> , 2010, 292, 139-147.	4.4	54
7	Stress distribution within subducting slabs and their deformation in the transition zone. <i>Physics of the Earth and Planetary Interiors</i> , 2007, 161, 202-214.	1.9	61