

# Arie Van Den Berg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11770329/publications.pdf>

Version: 2024-02-01

7  
papers

169  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
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 Geodynamic World Builder: a solution for complex initial conditions in numerical modeling. <i>Solid Earth</i> , 2019, 10, 1785-1807.	2.8	11
6	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
7	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