

# Simone Pilia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3891872/publications.pdf>

Version: 2024-02-01

18  
papers

358  
citations

840776

11  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crustal and uppermost mantle shear wave velocity structure beneath the Middle East from surface wave tomography. <i>Geophysical Journal International</i> , 2020, 221, 1349-1365.	2.4	55
2	The mechanisms underpinning Cenozoic intraplate volcanism in eastern Australia: Insights from seismic tomography and geodynamic modeling. <i>Geophysical Research Letters</i> , 2017, 44, 9681-9690.	4.0	37
3	Evidence of micro-continent entrainment during crustal accretion. <i>Scientific Reports</i> , 2015, 5, 8218.	3.3	34
4	Structural controls on localized intraplate deformation and seismicity in Southern Australia: Insights from local earthquake tomography of the Flinders Ranges. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 2176-2190.	3.4	27
5	Geophysical imaging of ophiolite structure in the United Arab Emirates. <i>Nature Communications</i> , 2020, 11, 2671.	12.8	27
6	Crust and upper mantle structure beneath southeast Australia from ambient noise and teleseismic tomography. <i>Tectonophysics</i> , 2016, 689, 143-156.	2.2	26
7	The Southern Zagros Collisional Orogen: New Insights From Transdimensional Trees Inversion of Seismic Noise. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086258.	4.0	25
8	Mantle-flow diversion beneath the Iranian plateau induced by Zagrosâ€™ lithospheric keel. <i>Scientific Reports</i> , 2021, 11, 2848.	3.3	20
9	Localization of intraplate deformation through fluid-assisted faulting in the lower-crust: The Flinders Ranges, South Australia. <i>Tectonophysics</i> , 2015, 655, 97-106.	2.2	19
10	Linking mainland Australia and Tasmania using ambient seismic noise tomography: Implications for the tectonic evolution of the east Gondwana margin. <i>Gondwana Research</i> , 2015, 28, 1212-1227.	6.0	16
11	Inherited crustal deformation along the East Gondwana margin revealed by seismic anisotropy tomography. <i>Geophysical Research Letters</i> , 2016, 43, 12,082.	4.0	14
12	Crustal Structure of the UAEâ€™Oman Mountain Range and Arabian Rifted Passive Margin: New Constraints From Active and Passive Seismic Methods. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021374.	3.4	11
13	Crustal and Mantle Deformation Inherited From Obduction of the Semail Ophiolite (Oman) and Continental Collision (Zagros). <i>Tectonics</i> , 2021, 40, e2020TC006644.	2.8	10
14	Upper mantle structure of the northeastern Arabian Platform from teleseismic body-wave tomography. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 307, 106549.	1.9	9
15	Postâ€™Subduction Tectonics of Sabah, Northern Borneo, Inferred From Surface Wave Tomography. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
16	Transdimensional ambient noise tomography of Bass Strait, southeast Australia, reveals the sedimentary basin and deep crustal structure beneath a failed continental rift. <i>Geophysical Journal International</i> , 0, , .	2.4	8
17	Deciphering the Fate of Plunging Tectonic Plates in Borneo. <i>Eos</i> , 2019, 100, .	0.1	3
18	UAE-Oman Mountains Give Clues to Oceanic Crust and Mantle Rocks. <i>Eos</i> , 2015, 96, .	0.1	2