

# Bhavani Sankar

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

937  
citations

471371

17  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1072  
citing authors

#	ARTICLE	IF	CITATIONS
1	The future of Earth's oceans: consequences of subduction initiation in the Atlantic and implications for supercontinent formation. <i>Geological Magazine</i> , 2018, 155, 45-58.	0.9	27
2	Capture of the Canary mantle plume material by the Gibraltar arc mantle wedge during slab rollback. <i>Geophysical Journal International</i> , 2015, 201, 1717-1721.	1.0	24
3	Analogue modelling of different angle thrust-wrench fault interference in a brittle medium. <i>Journal of Structural Geology</i> , 2015, 74, 81-104.	1.0	23
4	Are subduction zones invading the Atlantic? Evidence from the southwest Iberia margin: REPLY. <i>Geology</i> , 2014, 42, e329-e329.	2.0	2
5	Effective enhancement of classification of respiratory states using feed forward back propagation neural networks. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2013, 38, 377-395.	0.8	8
6	Thin viscous middle-crust and evolving fault distribution during continental rifting: Insights from analog modeling experiments. <i>Tectonophysics</i> , 2013, 608, 161-175.	0.9	7
7	Are subduction zones invading the Atlantic? Evidence from the southwest Iberia margin. <i>Geology</i> , 2013, 41, 839-842.	2.0	128
8	The Gibraltar subduction: A decade of new geophysical data. <i>Tectonophysics</i> , 2012, 574-575, 72-91.	0.9	109
9	A New Self-Adaptive Neuro Fuzzy Inference System for the Removal of Non-Linear Artifacts from the Respiratory Signal. <i>Journal of Computer Science</i> , 2012, 8, 621-631.	0.5	6
10	Neotectonics of the SW Iberia margin, Gulf of Cadiz and Alboran Sea: a reassessment including recent structural, seismic and geodetic data. <i>Geophysical Journal International</i> , 2012, 188, 850-872.	1.0	57
11	Thrust-wrench interference between major active faults in the Gulf of Cadiz (Africa-Eurasia plate) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	40
12	Thrust-wrench interference tectonics in the Gulf of Cadiz (Africa-Iberia plate boundary in the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	56
13	Crescent-shaped morphotectonic features in the Gulf of Cadiz (offshore SW Iberia). <i>Marine Geology</i> , 2010, 271, 236-249.	0.9	38
14	Morphotectonic characterization of major bathymetric lineaments in Gulf of Cadiz (Africa-Iberia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	60
15	Morphotectonics and strain partitioning at the Iberia-Africa plate boundary from multibeam and seismic reflection data. <i>Marine Geology</i> , 2009, 267, 156-174.	0.9	106
16	Tectonic shortening and gravitational spreading in the Gulf of Cadiz accretionary wedge: Observations from multi-beam bathymetry and seismic profiling. <i>Marine and Petroleum Geology</i> , 2009, 26, 647-659.	1.5	47
17	Response of a multi-domain continental margin to compression: Study from seismic reflection-refraction and numerical modelling in the Tagus Abyssal Plain. <i>Tectonophysics</i> , 2009, 468, 113-130.	0.9	29
18	Geodynamic evolution of the SW Variscides: Orogenic collapse shown by new tectonometamorphic and isotopic data from western Ossa-Morena Zone, SW Iberia. <i>Tectonics</i> , 2008, 27, .	1.3	41

#	ARTICLE	IF	CITATIONS
19	Sheath folds formed by drag induced by rotation of rigid inclusions in viscous simple shear flow: nature and experiment. <i>Journal of Structural Geology</i> , 2002, 24, 45-55.	1.0	35
20	Extracorporeal Membrane Oxygenation in the Treatment of Respiratory Failure in Pediatric Patients with Burns. <i>Journal of Burn Care and Research</i> , 1998, 19, 131-134.	1.7	44
21	Polymorphism of metabolizing genes and lung cancer histology: prevalence of CYP2E1 in adenocarcinoma. <i>Cancer Letters</i> , 1997, 112, 71-78.	3.2	46
22	Surgery of the Thoracic Trachea. <i>Journal of Thoracic Imaging</i> , 1995, 10, 199-205.	0.8	4