

# Daniel Aslanian

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

3,080  
citations

27  
h-index

54  
g-index

86  
ext. papers

3,497  
ext. citations

4.6  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
79	Multidisciplinary Study of Marine Archives: Reconstruction of Sea-Level, Sediment Yields, Sediment Sources, Paleoclimate, Paleoceanography and Vertical Movement on Margins: Examples from the Western Mediterranean Sea. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 265-270	0.3	
78	Exhumed Lower Continental Crust and Proto-oceanic Crust Interactions? The BasAlq and ArcMal Deep Seismic Projects. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 535-539	0.3	
77	Major Kinematic Revolutions: The Underside of the Maps. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 529-534	0.3	
76	South and Equatorial Atlantic Margins <b>2022</b> , 69-91		
75	Comment on [The challenge in restoring magma-rich rifted margins: The example of the Mozambique-Antarctica conjugate margins] by Tomasi S. et al.. <i>Gondwana Research</i> , <b>2021</b> , 103, 401-401	5.1	1
74	Deep Structure of the North Natal Valley (Mozambique) Using Combined Wide-Angle and Reflection Seismic Data. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB021171	3.6	7
73	Seismic evidence for crustal architecture and stratigraphy of the Limpopo Corridor: New insights into the evolution of the sheared margin offshore southern Mozambique. <i>Marine Geology</i> , <b>2021</b> , 435, 106468	3.3	4
72	Biogeographic mechanisms involved in the colonization of Madagascar by African vertebrates: Rifting, rafting and runways. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 492-510	4.1	6
71	Crustal structure of the East African Limpopo margin, a strike-slip rifted corridor along the continental Mozambique Coastal Plain and North Natal Valley. <i>Solid Earth</i> , <b>2021</b> , 12, 1865-1897	3.3	4
70	Deep structure of the Par�Maranh�/Barreirinhas passive margin in the equatorial Atlantic (NE Brazil). <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 110, 103322	2	4
69	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. <i>Earth-Science Reviews</i> , <b>2021</b> , 222, 103818	10.2	2
68	Imaging Early Oceanic Crust spreading in the Equatorial Atlantic Ocean: Insights from the MAGIC wide-angle experiment. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 111, 103493	2	1
67	Early Eocene vigorous ocean overturning and its contribution to a warm Southern Ocean. <i>Climate of the Past</i> , <b>2020</b> , 16, 1263-1283	3.9	4
66	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , <b>2020</b> , 32, 205-214	3	16
65	Major modification of sediment routing by a large Mass Transport Deposit in the Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , <b>2019</b> , 411, 1-20	3.3	11
64	The Messinian Ebro River incision. <i>Global and Planetary Change</i> , <b>2019</b> , 181, 102988	4.2	8
63	From Rifting to Spreading: The Proto-Oceanic Crust. <i>Advances in Science, Technology and Innovation</i> , <b>2019</b> , 329-331	0.3	1

62	Passive Margin and Continental Basin: Towards a New Paradigm. <i>Advances in Science, Technology and Innovation</i> , <b>2019</b> , 333-336	0.3	1
61	New starting point for the Indian Ocean: Second phase of breakup for Gondwana. <i>Earth-Science Reviews</i> , <b>2019</b> , 191, 26-56	10.2	38
60	Imaging exhumed lower continental crust in the distal Jequitinhonha basin, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 84, 351-372	2	12
59	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , <b>2018</b> , 30, 207-214	3	8
58	Lithospheric structuration onshore-offshore of the Sergipe-Alagoas passive margin, NE Brazil, based on wide-angle seismic data. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 88, 649-672	2	4
57	High-resolution evolution of terrigenous sediment yields in the Provence Basin during the last 6 Ma: relation with climate and tectonics. <i>Basin Research</i> , <b>2017</b> , 29, 305-339	3.2	13
56	The Apennine foredeep (Italy) during the latest Messinian: Lago Mare reflects competing brackish and marine conditions based on calcareous nanofossils and dinoflagellate cysts. <i>Geobios</i> , <b>2017</b> , 50, 237-257	1.5	10
55	Young Marquesas volcanism finally located. <i>Lithos</i> , <b>2017</b> , 294-295, 356-361	2.9	3
54	Multi-approach quantification of denudation rates in the Gulf of Lion source-to-sink system (SE France). <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 444, 101-115	5.3	21
53	Slope morphologies offshore Dakhla (SW Moroccan margin). <i>Bulletin - Societie Geologique De France</i> , <b>2016</b> , 187, 27-39	2.3	3
52	Crustal structure variations along the NW-African continental margin: A comparison of new and existing models from wide-angle and reflection seismic data. <i>Tectonophysics</i> , <b>2016</b> , 674, 227-252	3.1	24
51	The Minorca Basin: a buffer zone between the Valencia and Liguro-Provençal Basins (NW Mediterranean Sea). <i>Terra Nova</i> , <b>2016</b> , 28, 245-256	3	16
50	Monte Carlo approach to assess the uncertainty of wide-angle layered models: Application to the Santos Basin, Brazil. <i>Tectonophysics</i> , <b>2016</b> , 683, 286-307	3.1	14
49	Messinian evaporite deposition during sea level rise in the Gulf of Lions (Western Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 262-277	4.7	33
48	Mesozoic and Early Cenozoic sediment influx and morphology of the Mozambique Basin. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 890-905	4.7	26
47	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) III. Sardinia margin. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 331-351	2.3	28
46	Probing connections between deep earth and surface processes in a land-locked ocean basin transformed into a giant saline basin: The Mediterranean GOLD project#. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 6-17	4.7	3
45	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) II. Gulf of Lion margin. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 309-330	2.3	36

44	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , <b>2015</b> , 27, 122-129	3	15
43	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 291-308	2.3	7
42	Deep structure of the Santos Basin-São Paulo Plateau System, SE Brazil. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2015</b> , 120, 5401-5431	3.6	50
41	Deep crustal structure of the North-West African margin from combined wide-angle and reflection seismic data (MIRROR seismic survey). <i>Tectonophysics</i> , <b>2015</b> , 656, 154-174	3.1	20
40	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 388, 353-366	5.3	37
39	Imaging proto-oceanic crust off the Brazilian Continental Margin. <i>Geophysical Journal International</i> , <b>2014</b> , 200, 471-488	2.6	32
38	Stratigraphic simulations of the shelf of the Gulf of Lions: testing subsidence rates and sea-level curves during the Pliocene and Quaternary. <i>Terra Nova</i> , <b>2014</b> , 26, 230-238	3	25
37	Palaeogeographic consequences of conservative models in the South Atlantic Ocean. <i>Geological Society Special Publication</i> , <b>2013</b> , 369, 75-90	1.7	22
36	Kinematic keys of the Santos-Namibe basins. <i>Geological Society Special Publication</i> , <b>2013</b> , 369, 91-107	1.7	25
35	The crustal structure of the Central Mozambique continental margin [Wide-angle seismic, gravity and magnetic study in the Mozambique Channel, Eastern Africa. <i>Tectonophysics</i> , <b>2013</b> , 599, 170-196	3.1	46
34	Paleogeographic evolution of the central segment of the South Atlantic during Early Cretaceous times: Paleotopographic and geodynamic implications. <i>Tectonophysics</i> , <b>2013</b> , 604, 191-223	3.1	71
33	The Cenozoic tectonostratigraphic evolution of the Barracuda Ridge and Tiburon Rise, at the western end of the North America-South America plate boundary zone. <i>Marine Geology</i> , <b>2012</b> , 303-306, 154-171	3.3	18
32	Structure and evolution of the Gulf of Lions: The Sardinia seismic experiment and the GOLD (Gulf of Lions Drilling) project. <i>The Leading Edge</i> , <b>2012</b> , 31, 786-792	1	12
31	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , <b>2012</b> , 24, 125-153	3.2	112
30	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , <b>2011</b> , 284, 158-174	3.3	30
29	Comment on A new scheme for the opening of the South Atlantic Ocean and the dissection of an Aptian salt basin [By Trond H. Torsvik, Sonia Rousse, Cinthia Labails and Mark A. Smethurst. <i>Geophysical Journal International</i> , <b>2010</b> , 183, 20-28	2.6	16
28	Evolution of rifted continental margins: The case of the Gulf of Lions (Western Mediterranean Basin). <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 292, 345-356	5.3	74
27	An alternative early opening scenario for the Central Atlantic Ocean. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 297, 355-368	5.3	200

26	A new starting point for the South and Equatorial Atlantic Ocean. <i>Earth-Science Reviews</i> , <b>2010</b> , 98, 1-37	10.2	313
25	Messinian erosional and salinity crises: View from the Provence Basin (Gulf of Lions, Western Mediterranean). <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 286, 139-157	5.3	98
24	Crustal structure of a young margin pair: New results across the Liguro-Provencal Basin from wide-angle seismic tomography. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 286, 333-345	5.3	55
23	Crustal structure of the SW-Moroccan margin from wide-angle and reflection seismic data (the DAKHLA experiment) Part A: Wide-angle seismic models. <i>Tectonophysics</i> , <b>2009</b> , 468, 63-82	3.1	47
22	Brazilian and African passive margins of the Central Segment of the South Atlantic Ocean: Kinematic constraints. <i>Tectonophysics</i> , <b>2009</b> , 468, 98-112	3.1	147
21	Corrigendum to: Paleo sea levels reconsidered from direct observation of paleoshoreline position during Glacial Maxima (for the last 500,000 years) [Earth Planet. Sci. Lett. 252 (2006), 119-137]. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 254, 446-447	5.3	4
20	A New Starting point for the history of South and Equatorial Atlantic Oceans <b>2007</b> ,		1
19	Paleo sea levels reconsidered from direct observation of paleoshoreline position during Glacial Maxima (for the last 500,000 yr). <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 252, 119-137	5.3	180
18	Sedimentary sequences in the Gulf of Lion: A record of 100,000 years climatic cycles. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 775-804	4.7	133
17	Axial incision: The key to understand submarine canyon evolution (in the western Gulf of Lion). <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 805-826	4.7	108
16	Geological constraints on the evolution of the Angolan margin based on reflection and refraction seismic data (ZaAngo project). <i>Geophysical Journal International</i> , <b>2005</b> , 162, 793-810	2.6	145
15	PLACA: a white box for plate reconstruction and best-fit pole determination. <i>Computers and Geosciences</i> , <b>2005</b> , 31, 437-452	4.5	19
14	Deep structure of the West African continental margin (Congo, ZaBe, Angola), between 5°S and 8°S, from reflection/refraction seismics and gravity data. <i>Geophysical Journal International</i> , <b>2004</b> , 158, 529-553	2.6	143
13	Un nouveau point de départ pour l'histoire de l'Atlantique centrale. <i>Comptes Rendus - Geoscience</i> , <b>2004</b> , 336, 1041-1052	1.4	136
12	Analysis of propagators along the Pacific-Antarctic Ridge: evidence for triggering by kinematic changes. <i>Earth and Planetary Science Letters</i> , <b>2002</b> , 199, 415-428	5.3	17
11	Deep crustal structure of the Tuamotu plateau and Tahiti (French Polynesia) based on seismic refraction data. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 1-1-1-4	4.9	22
10	Deep-penetration heat flow probes raise questions about interpretations from shorter probes. <i>Eos</i> , <b>2001</b> , 82, 317-317	1.5	11
9	Variations in axial morphology, segmentation, and seafloor roughness along the Pacific-Antarctic Ridge between 56°S and 66°S. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 8521-8546		14

8	Chemical systematics of an intermediate spreading ridge: The Pacific-Antarctic Ridge between 56°S and 66°S. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 2915-2936		21
7	Large-scale chemical and thermal division of the Pacific mantle. <i>Nature</i> , <b>1999</b> , 399, 345-350	50.4	52
6	The East Inca plateau—cause of flat subduction beneath Peru?. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 171, 335-341	5.3	155
5	Location of Louisville hotspot and origin of Hollister Ridge: geophysical constraints. <i>Earth and Planetary Science Letters</i> , <b>1998</b> , 164, 31-40	5.3	24
4	Evolution of the Pacific-Antarctic Ridge South of the Udintsev Fracture Zone. <i>Science</i> , <b>1997</b> , 278, 1281-1284	39.5	32
3	Morphological reorganization within the Pacific-Antarctic Discordance. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 137, 157-173	5.3	14
2	Asymmetry of the mantle structure beneath the Mid-Atlantic Ridge. <i>Geophysical Research Letters</i> , <b>1992</b> , 19, 1165-1168	4.9	4
1	The Limpopo magma-rich transform margin, South Mozambique [Part 1: Insights from deep-structure seismic imaging. <i>Tectonics</i> , e2021TC006915	4.3	4