

Marie Françoise Brunet

List of Publications by Citations

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31
papers

1,517
citations

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h-index

32
g-index

32
ext. papers

1,673
ext. citations

3.9
avg, IF

4.06
L-index

#	Paper	IF	Citations
31	The South Caspian Basin: a review of its evolution from subsidence modelling. <i>Sedimentary Geology</i> , 2003 , 156, 119-148	2.8	289
30	The Black Sea basin: tectonic history and Neogene-Quaternary rapid subsidence modelling. <i>Sedimentary Geology</i> , 2003 , 156, 149-168	2.8	164
29	Permian-Triassic intraplate magmatism and rifting in Eurasia: implications for mantle plumes and mantle dynamics. <i>Tectonophysics</i> , 2002 , 351, 3-39	3.1	133
28	Subsidence of the Paris Basin. <i>Journal of Geophysical Research</i> , 1982 , 87, 8547		84
27	Northern Caucasus basin: thermal history and synthesis of subsidence models. <i>Sedimentary Geology</i> , 2003 , 156, 95-118	2.8	70
26	Continental accretion of the Iran Block to Eurasia as seen from Late Paleozoic to Early Cretaceous subsidence curves. <i>Geodinamica Acta</i> , 1997 , 10, 189-208	2	65
25	The Mesozoic-Cenozoic tectonic evolution of the Greater Caucasus. <i>Geological Society Memoir</i> , 2006 , 32, 277-289	0.4	65
24	Crustal and lithospheric structure of the Alborz Mountains, Iran, and surrounding areas from integrated geophysical modeling. <i>Tectonics</i> , 2011 , 30, n/a-n/a	4.3	53
23	Crustal thinning on the Aquitaine shelf, Bay of Biscay, from deep seismic data. <i>Nature</i> , 1987 , 325, 513-516	0.4	51
22	The geodynamic evolution of the Precaspian Basin (Kazakhstan) along a north-south section. <i>Tectonophysics</i> , 1999 , 313, 85-106	3.1	48
21	The evolution of the southern margin of Eastern Europe (Eastern European and Scythian platforms) from the Latest Precambrian- Early Palaeozoic to the Early Cretaceous. <i>Geological Society Memoir</i> , 2006 , 32, 481-505	0.4	44
20	The influence of the evolution of the Pyrenees on adjacent basins. <i>Tectonophysics</i> , 1986 , 129, 343-354	3.1	44
19	Cenozoic-Recent tectonics and uplift in the Greater Caucasus: a perspective from Azerbaijan. <i>Geological Society Special Publication</i> , 2010 , 340, 261-280	1.7	43
18	Integrated Peri-Tethyan Basins studies (Peri-Tethys Programme). <i>Sedimentary Geology</i> , 2003 , 156, 1-10	2.8	41
17	Subsidence history of the Aquitaine basin determined from subsidence curves. <i>Geological Magazine</i> , 1984 , 121, 421-428	2	36
16	Deep seismic reflection and refraction profiling along the Aquitaine shelf (Bay of Biscay). <i>Geophysical Journal International</i> , 1987 , 89, 305-312	2.6	35
15	Subsidence and uplift mechanisms within the South Caspian Basin: insights from the onshore and offshore Azerbaijan region. <i>Geological Society Special Publication</i> , 2009 , 312, 219-240	1.7	34

14	Late Cenozoic burial history and dynamics of the Northern Caucasus molasse basin: implications for foreland basin modelling. <i>Tectonophysics</i> , 1999 , 313, 219-241	3.1	33
13	Pre-Mesozoic geodynamics of the Precaspian Basin (Kazakhstan). <i>Sedimentary Geology</i> , 2003 , 156, 35-58	2.8	31
12	Late Palaeozoic intra- and pericratonic basins on the East European Craton and its margins. <i>Geological Society Memoir</i> , 2006 , 32, 463-479	0.4	30
11	Heat flow in the Valencia trough: Geodynamic implications. <i>Tectonophysics</i> , 1992 , 203, 77-97	3.1	25
10	Late Palaeozoic and Mesozoic evolution of the Amu Darya Basin (Turkmenistan, Uzbekistan). <i>Geological Society Special Publication</i> , 2017 , 427, 89-144	1.7	17
9	South Caspian to Central Iran basins: introduction. <i>Geological Society Special Publication</i> , 2009 , 312, 1-6	1.7	17
8	Lower-Middle Jurassic facies patterns in the NW Afghan-Tajik Basin of southern Uzbekistan and their geodynamic context. <i>Geological Society Special Publication</i> , 2017 , 427, 357-409	1.7	14
7	Geological evolution of Central Asian Basins and the western Tien Shan Range. <i>Geological Society Special Publication</i> , 2017 , 427, 1-17	1.7	13
6	Thermal maturity of the Upper Triassic-Middle Jurassic Shemshak Group (Alborz Range, Northern Iran) based on organic petrography, geochemistry and basin modelling: implications for source rock evaluation and petroleum exploration. <i>Geological Magazine</i> , 2012 , 149, 19-38	2	11
5	Subsidence analysis on the Sardinian margin and the central Tyrrhenian Basin: Thermal modelling and heat flow control; deep structure implications. <i>Journal of Geodynamics</i> , 1990 , 12, 269-310	2.2	11
4	Architecture and sedimentary evolution of the southwestern Gissar carbonate platform (Uzbekistan) during the Middle-Late Jurassic. <i>Marine and Petroleum Geology</i> , 2018 , 97, 437-465	4.7	8
3	Structure and evolution of the Bukhara-Khiva region during the Mesozoic: the northern margin of the Amu-Darya Basin (southern Uzbekistan). <i>Geological Society Special Publication</i> , 2017 , 427, 145-174	1.7	5
2	Formation of microbial organic carbonates during the Late Jurassic from the Northern Tethys (Amu Darya Basin, Uzbekistan): Implications for Jurassic anoxic events. <i>Global and Planetary Change</i> , 2020 , 186, 103127	4.2	1
1	Stratigraphic model of a Middle-Late Jurassic carbonate system (Mozduran Ridge, Kopet Dagh area, NE Iran). <i>Marine and Petroleum Geology</i> , 2021 , 128, 104976	4.7	1