

Armel Menant

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,064
citations

394421

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713466

21
g-index

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24
docs citations

24
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	The rise and demise of deep accretionary wedges: A long-term field and numerical modeling perspective. , 2022, 18, 69-103.		9
2	Transfer zones in Mediterranean back-arc regions and tear faults. Bulletin - Societe Geologique De France, 2021, 192, 11.	2.2	24
3	Preorogenic Folds and Synorogenic Basement Tilts in an Inverted Hyperextended Margin: The Northern Pyrenees Case Study. Tectonics, 2020, 39, e2019TC005719.	2.8	24
4	Transient stripping of subducting slabs controls periodic forearc uplift. Nature Communications, 2020, 11, 1823.	12.8	49
5	Detailed tectonic reconstructions of the Western Mediterranean region for the last 35 Ma, insights on driving mechanisms. Bulletin - Societe Geologique De France, 2020, 191, 37.	2.2	48
6	Stress-driven fluid flow controls long-term megathrust strength and deep accretionary dynamics. Scientific Reports, 2019, 9, 9714.	3.3	26
7	Slab fragmentation beneath the Aegean/Anatolia transition zone: Insights from the tectonic and metamorphic evolution of the Eastern Aegean region. Tectonophysics, 2019, 754, 101-129.	2.2	32
8	3D subduction dynamics: A first-order parameter of the transition from copper- to gold-rich deposits in the eastern Mediterranean region. Ore Geology Reviews, 2018, 94, 118-135.	2.7	45
9	Brittle deformation during Alpine basal accretion and the origin of seismicity nests above the subduction interface. Earth and Planetary Science Letters, 2018, 487, 84-93.	4.4	19
10	Strain Localization Within a Syntectonic Intrusion in a Backarc Extensional Context: The Naxos Monzogranite (Greece). Tectonics, 2018, 37, 558-587.	2.8	13
11	Extensional crustal tectonics and crust-mantle coupling, a view from the geological record. Earth-Science Reviews, 2018, 185, 1187-1209.	9.1	36
12	Synextensional Granitoids and Detachment Systems Within Cycladic Metamorphic Core Complexes (Aegean Sea, Greece): Toward a Regional Tectonomagmatic Model. Tectonics, 2018, 37, 2328-2362.	2.8	38
13	Emplacement of metamorphic core complexes and associated geothermal systems controlled by slab dynamics. Earth and Planetary Science Letters, 2018, 498, 322-333.	4.4	36
14	3D numerical modeling of mantle flow, crustal dynamics and magma genesis associated with slab roll-back and tearing: The eastern Mediterranean case. Earth and Planetary Science Letters, 2016, 442, 93-107.	4.4	101
15	On the influence of the asthenospheric flow on the tectonics and topography at a collision-subduction transition zones: Comparison with the eastern Tibetan margin. Journal of Geodynamics, 2016, 100, 184-197.	1.6	36
16	Kinematic reconstructions and magmatic evolution illuminating crustal and mantle dynamics of the eastern Mediterranean region since the late Cretaceous. Tectonophysics, 2016, 675, 103-140.	2.2	110
17	Neo-Tethys geodynamics and mantle convection: from extension to compression in Africa and a conceptual model for obduction. Canadian Journal of Earth Sciences, 2016, 53, 1190-1204.	1.3	56
18	Interrelations between extensional shear zones and synkinematic intrusions: The example of Ikaria Island (NE Cyclades, Greece). Tectonophysics, 2015, 651-652, 152-171.	2.2	36

#	ARTICLE	IF	CITATIONS
19	The geological signature of a slab tear below the Aegean. <i>Tectonophysics</i> , 2015, 659, 166-182.	2.2	135
20	The Ikaria high-temperature Metamorphic Core Complex (Cyclades, Greece): Geometry, kinematics and thermal structure. <i>Journal of Geodynamics</i> , 2015, 92, 18-41.	1.6	34
21	Driving the upper plate surface deformation by slab rollback and mantle flow. <i>Earth and Planetary Science Letters</i> , 2014, 405, 110-118.	4.4	120
22	The North Cycladic Detachment System and associated mineralization, Mykonos, Greece: Insights on the evolution of the Aegean domain. <i>Tectonics</i> , 2013, 32, 433-452.	2.8	37