

Laurent Jolivet

List of Publications by Year in descending order

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212
papers

20,759
citations

7568

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10734

138
g-index

214
all docs

214
docs citations

214
times ranked

8037
citing authors

#	ARTICLE	IF	CITATIONS
1	Mediterranean extension and the Africa-Eurasia collision. <i>Tectonics</i> , 2000, 19, 1095-1106.	2.8	855
2	Convergence history across Zagros (Iran): constraints from collisional and earlier deformation. <i>International Journal of Earth Sciences</i> , 2005, 94, 401-419.	1.8	816
3	Zagros orogeny: a subduction-dominated process. <i>Geological Magazine</i> , 2011, 148, 692-725.	1.5	742
4	Lateral slab deformation and the origin of the western Mediterranean arcs. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	680
5	History of subduction and back-arc extension in the Central Mediterranean. <i>Geophysical Journal International</i> , 2001, 145, 809-820.	2.4	565
6	Cenozoic geodynamic evolution of the Aegean. <i>International Journal of Earth Sciences</i> , 2010, 99, 109-138.	1.8	554
7	Exhumation of oceanic blueschists and eclogites in subduction zones: Timing and mechanisms. <i>Earth-Science Reviews</i> , 2009, 92, 53-79.	9.1	498
8	Midcrustal shear zones in postorogenic extension: Example from the northern Tyrrhenian Sea. <i>Journal of Geophysical Research</i> , 1998, 103, 12123-12160.	3.3	456
9	Japan Sea, opening history and mechanism: A synthesis. <i>Journal of Geophysical Research</i> , 1994, 99, 22237-22259.	3.3	429
10	Aegean tectonics: Strain localisation, slab tearing and trench retreat. <i>Tectonophysics</i> , 2013, 597-598, 1-33.	2.2	419
11	Mantle dynamics in the Mediterranean. <i>Reviews of Geophysics</i> , 2014, 52, 283-332.	23.0	394
12	Arc-magmatism and subduction history beneath the Zagros Mountains, Iran: A new report of adakites and geodynamic consequences. <i>Lithos</i> , 2008, 106, 380-398.	1.4	387
13	Subduction tectonics and exhumation of high-pressure metamorphic rocks in the Mediterranean orogens. <i>Numerische Mathematik</i> , 2003, 303, 353-409.	1.4	365
14	Timing, kinematics and cause of Aegean extension: a scenario based on a comparison with simple analogue experiments. <i>Tectonophysics</i> , 1999, 315, 31-72.	2.2	256
15	A thermomechanical model of exhumation of high pressure (HP) and ultra-high pressure (UHP) metamorphic rocks in Alpine-type collision belts. <i>Tectonophysics</i> , 2001, 342, 113-136.	2.2	254
16	Kinematics, topography, shortening, and extrusion in the India-Eurasia collision. <i>Tectonics</i> , 1992, 11, 1085-1098.	2.8	244
17	Migration of compression and extension in the Tyrrhenian Sea, insights from $^{40}\text{Ar}/^{39}\text{Ar}$ ages on micas along a transect from Corsica to Tuscany. <i>Tectonophysics</i> , 2000, 321, 127-155.	2.2	233
18	Structure and kinematics of Upper Cenozoic extensional detachment on Naxos and Paros (Cyclades) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	2.8	219

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19	Japan Sea: a pull-apart basin?. <i>Earth and Planetary Science Letters</i> , 1986, 76, 375-389.	4.4	205
20	Subduction and the depth of convection in the Mediterranean mantle. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	204
21	From mantle to crust: Stretching the Mediterranean. <i>Earth and Planetary Science Letters</i> , 2009, 285, 198-209.	4.4	202
22	Miocene detachment in Crete and exhumation P-T-t paths of high-pressure metamorphic rocks. <i>Tectonics</i> , 1996, 15, 1129-1153.	2.8	199
23	Tectonic setting of Western Pacific marginal basins. <i>Tectonophysics</i> , 1989, 160, 23-47.	2.2	196
24	Lithospheric-scale geodynamic context of the Messinian salinity crisis. <i>Sedimentary Geology</i> , 2006, 188-189, 9-33.	2.1	189
25	The North Cycladic Detachment System. <i>Earth and Planetary Science Letters</i> , 2010, 289, 87-104.	4.4	187
26	Exhumation of the Schistes Lustrés complex: in situ laser probe $^{40}\text{Ar}/^{39}\text{Ar}$ constraints and implications for the Western Alps. <i>Journal of Metamorphic Geology</i> , 2002, 20, 599-618.	3.4	185
27	A simple model for the tectonic evolution of Southeast Asia and Indonesia region for the past 43 m.y. <i>Bulletin - Societie Geologique De France</i> , 1990, VI, 889-905.	2.2	182
28	Exhumation of deep crustal metamorphic rocks and crustal extension in arc and back-arc regions. <i>Lithos</i> , 1994, 33, 3-30.	1.4	175
29	Styles of back-arc extension in the Central Mediterranean. <i>Terra Nova</i> , 1997, 9, 126-130.	2.1	174
30	Why did Arabia separate from Africa? Insights from 3-D laboratory experiments. <i>Earth and Planetary Science Letters</i> , 2003, 216, 365-381.	4.4	170
31	HP-UHP exhumation during slow continental subduction: Self-consistent thermodynamically and thermomechanically coupled model with application to the Western Alps. <i>Earth and Planetary Science Letters</i> , 2008, 271, 63-74.	4.4	167
32	Ductile extension in alpine Corsica. <i>Geology</i> , 1990, 18, 1007.	4.4	166
33	The Zermatt-Saas ophiolite: the largest (60 km wide) and deepest (<i>c.</i> 70-80 km) continuous slice of oceanic lithosphere detached from a subduction zone?. <i>Terra Nova</i> , 2009, 21, 171-180.	2.1	157
34	A comparison of geodetic and finite strain pattern in the Aegean, geodynamic implications. <i>Earth and Planetary Science Letters</i> , 2001, 187, 95-104.	4.4	155
35	Back arc extension and denudation of Mediterranean eclogites. <i>Tectonics</i> , 1997, 16, 924-941.	2.8	152
36	Relation between the intensity of deformation and retrogression in blueschist metapelites of Tinos Island (Greece) evidenced by chlorite-mica local equilibria. <i>Lithos</i> , 2002, 63, 41-66.	1.4	151

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37	Structural and kinematic relationships between Corsica and the Pyrenees-Provence domain at the time of the Pyrenean orogeny. <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	147
38	Transient, synobduction exhumation of Zagros blueschists inferred from P-T, deformation, time, and kinematic constraints: Implications for Neotethyan wedge dynamics. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	147
39	Mantle convection in the Middle East: Reconciling Afar upwelling, Arabia indentation and Aegean trench rollback. <i>Earth and Planetary Science Letters</i> , 2013, 375, 254-269.	4.4	147
40	Late Cretaceous to Paleogene post-obduction extension and subsequent Neogene compression in the Oman Mountains. <i>Georabia</i> , 2006, 11, 17-40.	1.6	147
41	Plate acceleration: The obduction trigger?. <i>Earth and Planetary Science Letters</i> , 2007, 258, 428-441.	4.4	146
42	Burial and exhumation in a subduction wedge: Mutual constraints from thermomechanical modeling and natural P-T-t data (Schistes Lustrés, western Alps). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	145
43	Exhumation of Syros and Sifnos metamorphic rocks (Cyclades, Greece). New constraints on the P-T paths. <i>European Journal of Mineralogy</i> , 2001, 13, 901-920.	1.3	144
44	Tectono-metamorphic evolution of Syros and Sifnos islands (Cyclades, Greece). <i>Tectonophysics</i> , 2001, 338, 179-206.	2.2	139
45	Tectonometamorphic evolution of the Schistes Lustrés Complex; implications for the exhumation of HP and UHP rocks in the Western Alps. <i>Bulletin - Societe Geologique De France</i> , 2001, 172, 617-636.	2.2	137
46	Subduction, convergence and the mode of backarc extension in the Mediterranean region. <i>Bulletin - Societe Geologique De France</i> , 2008, 179, 525-550.	2.2	136
47	The geological signature of a slab tear below the Aegean. <i>Tectonophysics</i> , 2015, 659, 166-182.	2.2	135
48	A two-step process for the reflooding of the Mediterranean after the Messinian salinity crisis. <i>Basin Research</i> , 2012, 24, 125-153.	2.7	134
49	Subduction polarity reversal at the junction between the Western Alps and the Northern Apennines, Italy. <i>Tectonophysics</i> , 2008, 450, 34-50.	2.2	125
50	First evidence of high-pressure metamorphism in the Cover Series of the southern Menderes Massif. Tectonic and metamorphic implications for the evolution of SW Turkey. <i>Lithos</i> , 2003, 71, 19-46.	1.4	123
51	Right-lateral shear along the Northwest Pacific Margin and the India-Eurasia Collision. <i>Tectonics</i> , 1990, 9, 1409-1419.	2.8	122
52	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
53	Oligo-Miocene midcrustal subhorizontal shear zone in Indochina. <i>Tectonics</i> , 2001, 20, 46-57.	2.8	118
54	Early Middle Paleozoic Intraplate Orogeny in the Ogcheon Belt (South Korea): A new insight on the Paleozoic buildup of east Asia. <i>Tectonics</i> , 1991, 10, 1130-1151.	2.8	117

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55	Neogene strike-slip faulting in Sakhalin and the Japan Sea opening. <i>Journal of Geophysical Research</i> , 1994, 99, 2701-2725.	3.3	114
56	⁴⁰ Ar and fission-track ages in the Song Chay Massif: Early Triassic and Cenozoic tectonics in northern Vietnam. <i>Journal of Asian Earth Sciences</i> , 2001, 19, 233-248.	2.3	113
57	Exhumation, doming and slab retreat in the Betic Cordillera (SE Spain): in situ ⁴⁰ Ar/ ³⁹ Ar ages and P-T-d-t paths for the Nevado-Filabride complex. <i>Journal of Metamorphic Geology</i> , 2005, 23, 357-381.	3.4	111
58	Rifted margins: Ductile deformation, boudinage, continentward-dipping normal faults and the role of the weak lower crust. <i>Gondwana Research</i> , 2018, 53, 20-40.	6.0	111
59	Analysis of continental midcrustal strain localization induced by microfracturing and reaction-softening. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	110
60	Kinematic reconstructions and magmatic evolution illuminating crustal and mantle dynamics of the eastern Mediterranean region since the late Cretaceous. <i>Tectonophysics</i> , 2016, 675, 103-140.	2.2	110
61	Alpine Corsica Metamorphic Core Complex. <i>Tectonics</i> , 1991, 10, 1173-1186.	2.8	109
62	Softening triggered by eclogitization, the first step toward exhumation during continental subduction. <i>Earth and Planetary Science Letters</i> , 2005, 237, 532-547.	4.4	105
63	Collision kinematics in the western external Alps. <i>Tectonics</i> , 2014, 33, 1055-1088.	2.8	103
64	Crustal-scale boudinage and migmatization of gneiss during their exhumation in the UHP Province of Western Norway. <i>Terra Nova</i> , 2002, 14, 263-270.	2.1	101
65	3D numerical modeling of mantle flow, crustal dynamics and magma genesis associated with slab roll-back and tearing: The eastern Mediterranean case. <i>Earth and Planetary Science Letters</i> , 2016, 442, 93-107.	4.4	101
66	Correlation of syn-orogenic tectonic and metamorphic events in the Cyclades, the Lycian nappes and the Menderes massif. Geodynamic implications. <i>Bulletin - Societe Geologique De France</i> , 2004, 175, 217-238.	2.2	95
67	Arc deformation and marginal basin opening: Japan Sea as a case study. <i>Journal of Geophysical Research</i> , 1991, 96, 4367-4384.	3.3	94
68	Geometry and kinematics of extension in Alpine Corsica. <i>Earth and Planetary Science Letters</i> , 1991, 104, 278-291.	4.4	88
69	Deep crustal fabrics and a model for the extensional collapse of the southwest Norwegian Caledonides. <i>Journal of Structural Geology</i> , 1994, 16, 1191-1203.	2.3	88
70	Syn- versus post-orogenic extension: the case study of Giglio Island (Northern Tyrrhenian Sea, Italy). <i>Tectonophysics</i> , 1999, 304, 71-93.	2.2	87
71	Continental plate collision: Unstable vs. stable slab dynamics. <i>Geology</i> , 2004, 32, 33.	4.4	87
72	Ductile extensional shear zones in the lower crust of a passive margin. <i>Earth and Planetary Science Letters</i> , 2015, 431, 1-7.	4.4	84

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73	The Japan Trench and its juncture with the Kuril Trench: cruise results of the Kaiko project, Leg 3. <i>Earth and Planetary Science Letters</i> , 1987, 83, 267-284.	4.4	83
74	Crustal-scale strain partitioning: footwall deformation below the Alpine Oligo-Miocene detachment of Corsica. <i>Journal of Structural Geology</i> , 1996, 18, 41-59.	2.3	83
75	The role of pre-existing thrust faults and topography on the styles of extension in the Gran Sasso range (central Italy). <i>Tectonophysics</i> , 1998, 292, 229-254.	2.2	83
76	Thrust or detachment? Exhumation processes in the Aegean: Insight from a field study on Ios (Cyclades, Greece). <i>Tectonics</i> , 2009, 28, .	2.8	82
77	Present-day uplift of the European Alps: Evaluating mechanisms and models of their relative contributions. <i>Earth-Science Reviews</i> , 2019, 190, 589-604.	9.1	82
78	Deformation history of the high-pressure Lycian Nappes and implications for tectonic evolution of SW Turkey. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	81
79	Detachments in high-pressure mountain belts, Tethyan examples. <i>Earth and Planetary Science Letters</i> , 1998, 160, 31-47.	4.4	80
80	Continental breakup and the dynamics of rifting in back-arc basins: The Gulf of Lion margin. <i>Tectonics</i> , 2015, 34, 662-679.	2.8	80
81	Deep scientific dives in the Japan and Kuril Trenches. <i>Earth and Planetary Science Letters</i> , 1987, 83, 313-328.	4.4	77
82	Oligocene-Miocene Bu Khang extensional gneiss dome in Vietnam: Geodynamic implications. <i>Geology</i> , 1999, 27, 67.	4.4	76
83	Exhumation Paths of High-Pressure/Low-Temperature Metamorphic Rocks from the Lycian Nappes and the Menderes Massif (SW Turkey): a Multi-Equilibrium Approach. <i>Journal of Petrology</i> , 2005, 46, 641-669.	2.8	75
84	Spatial transition from compression to extension in the Western Mediterranean Ridge accretionary complex. <i>Tectonophysics</i> , 1994, 234, 33-52.	2.2	73
85	Ductile extension and the formation of the Aegean Sea. <i>Geological Society Special Publication</i> , 1999, 156, 427-456.	1.3	73
86	Cold subduction and the formation of lawsonite eclogite – constraints from prograde evolution of eclogitized pillow lava from Corsica. <i>Journal of Metamorphic Geology</i> , 2010, 28, 381-395.	3.4	72
87	Mantle Flow and Deforming Continents: From India-Asia Convergence to Pacific Subduction. <i>Tectonics</i> , 2018, 37, 2887-2914.	2.8	72
88	Post-orogenic extension and metamorphic core complexes in a heterogeneous crust: the role of crustal layering inherited from collision. Application to the Cyclades (Aegean domain). <i>Geophysical Journal International</i> , 2011, 184, 611-625.	2.4	71
89	Tectonic and stratigraphic evolution of the Western Alboran Sea Basin in the last 25 Myrs. <i>Tectonophysics</i> , 2016, 677-678, 280-311.	2.2	69
90	Late Orogenic doming in the eastern Betic Cordilleras: Final exhumation of the Nevado-Filabride complex and its relation to basin genesis. <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	67

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91	Mechanisms of margin inversion in the external Western Alps: Implications for crustal rheology. <i>Tectonophysics</i> , 2012, 560-561, 62-83.	2.2	67
92	Ferro- and magnesiocarpholite from the Monte Argentario (Italy): First evidence for high-pressure metamorphism of the metasedimentary Verrucano sequence, and significance for P-T path reconstruction. <i>European Journal of Mineralogy</i> , 1997, 9, 859-874.	1.3	66
93	Normal faulting of the Daiichi-Kashima Seamount in the Japan Trench revealed by the Kaiko I cruise, Leg 3. <i>Earth and Planetary Science Letters</i> , 1987, 83, 257-266.	4.4	64
94	From ductile to brittle: Evolution and localization of deformation below a crustal detachment (Tinos, Cyclades, Greece). <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	63
95	Paleomagnetic rotations and the Japan Sea opening. <i>Geophysical Monograph Series</i> , 1995, , 355-369.	0.1	62
96	Kinematic interpretation of the 3D shapes of metamorphic core complexes. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	61
97	Detachment faults and pluton emplacement; Elba Island (Tyrrhenian Sea). <i>Bulletin - Societe Geologique De France</i> , 1995, 166, 341-354.	2.2	60
98	Backarc extension and collision: an experimental approach to the tectonics of Asia. <i>Geophysical Journal International</i> , 2004, 157, 871-889.	2.4	60
99	Evolution of hydrothermal regime along a crustal shear zone, Tinos Island, Greece. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	57
100	Consequences of progressive eclogitization on crustal exhumation, a mechanical study. <i>Geophysical Journal International</i> , 2007, 168, 379-401.	2.4	56
101	Neo-Tethys geodynamics and mantle convection: from extension to compression in Africa and a conceptual model for obduction. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 1190-1204.	1.3	56
102	Rifting and shallow-dipping detachments, clues from the Corinth Rift and the Aegean. <i>Tectonophysics</i> , 2010, 483, 287-304.	2.2	55
103	Extraneous argon in high-pressure metamorphic rocks: Distribution, origin and transport in the Cycladic Blueschist Unit (Greece). <i>Lithos</i> , 2017, 272-273, 315-335.	1.4	54
104	Exhumation of eclogite and blueschist (Cyclades, Greece): Pressure-temperature evolution determined by thermobarometry and garnet equilibrium modelling. <i>Journal of Metamorphic Geology</i> , 2018, 36, 769-798.	3.4	54
105	New, high-precision P - T estimates for Oman blueschists: implications for obduction, nappe stacking and exhumation processes. <i>Journal of Metamorphic Geology</i> , 2007, 25, 657-682.	3.4	53
106	Geometry and kinematics of Mykonos detachment, Cyclades, Greece: Evidence for slip at shallow dip. <i>Tectonics</i> , 2010, 29, n/a-n/a.	2.8	53
107	Evidence for Paleocene-Eocene evolution of the foot of the Eurasian margin (Kermanshah ophiolite). <i>Tectonophysics</i> , 2016, 672-673, 150-169.	1.4	53
108	Strain localization in a fossilized subduction channel: Insights from the Cycladic Blueschist Unit (Syros, Greece). <i>Tectonophysics</i> , 2016, 672-673, 150-169.	2.2	53

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109	Strain localization during crustal-scale boudinage to form extensional metamorphic domes in the Aegean Sea. , 2004, , .		52
110	Granite intrusion in a metamorphic core complex: The example of the Mykonos laccolith (Cyclades,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	52
111	New insights on the Sorbas Basin (SE Spain): The onshore reference of the Messinian Salinity Crisis. Marine and Petroleum Geology, 2015, 66, 71-100.	3.3	52
112	Lago Mare and the Messinian Salinity Crisis: Evidence from the Alboran Sea (S. Spain). Marine and Petroleum Geology, 2014, 52, 57-76.	3.3	51
113	High-pressure-low-temperature metamorphism and deformation in the Bundnerschiefer of the Engadine window: implications for the regional evolution of the eastern Central Alps. Journal of Metamorphic Geology, 1998, 16, 657-674.	3.4	49
114	Exhumation kinematics of the Cycladic Blueschists unit and back-arc extension, insight from the Southern Cyclades (Sikinos and Folegandros Islands, Greece). Tectonics, 2015, 34, 152-185.	2.8	49
115	Neogene Kinematics in the Japan Sea Region and Volcanic Activity of the Northeast Japan Arc. , 0, , .		49
116	The Hidaka Shear Zone (Hokkaido, Japan): Genesis during a rightâ€lateral strikeâ€slip movement. Tectonics, 1985, 4, 289-302.	2.8	48
117	Detailed tectonic reconstructions of the Western Mediterranean region for the last 35â€%Ma, insights on driving mechanisms. Bulletin - Societie Geologique De France, 2020, 191, 37.	2.2	48
118	The Mediterranean Basins: Tertiary Extension within the Alpine Orogen â€” an introduction. Geological Society Special Publication, 1999, 156, 1-14.	1.3	47
119	Initiation of crustal-scale thrusts triggered by metamorphic reactions at depth: Insights from a comparison between the Himalayas and Scandinavian Caledonides. Tectonics, 2010, 29, n/a-n/a.	2.8	47
120	Cenozoic intracontinental dextral motion in the Okhotskâ€Japan Sea Region. Tectonics, 1992, 11, 968-977.	2.8	46
121	Thermal structure of a fossil subduction wedge in the Western Alps. Terra Nova, 2009, 21, 28-34.	2.1	46
122	Magmatic pulse driven by sea-level changes associated with the Messinian salinity crisis. Nature Geoscience, 2017, 10, 783-787.	12.9	46
123	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
124	Crustal-scale strike-slip deformation in Hokkaido, northern Japan. Journal of Structural Geology, 1989, 11, 509-522.	2.3	43
125	Shortening of the European Dauphinois margin (Oisans Massif, Western Alps): New insights from RSCM maximum temperature estimates and 40Ar/39Ar in situ dating. Journal of Geodynamics, 2015, 83, 37-64.	1.6	43
126	Plume-induced continental rifting and break-up in ultra-slow extension context: Insights from 3D numerical modeling. Tectonophysics, 2018, 746, 121-137.	2.2	42

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127	Mechanics of low-angle extensional shear zones at the brittle-ductile transition. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	41
128	America-Eurasia plate boundary in eastern Asia and the opening of marginal basins. <i>Earth and Planetary Science Letters</i> , 1987, 81, 282-288.	4.4	40
129	Anatomy of the Cycladic Blueschist Unit on Sifnos Island (Cyclades, Greece). <i>Journal of Geodynamics</i> , 2016, 97, 62-87.	1.6	39
130	Exhumation constraints for the lower Nevado-Filabride Complex (Betic Cordillera, SE Spain): a Raman thermometry and Tweeku multiequilibrium thermobarometry approach. <i>Bulletin - Soci�t� Geologique De France</i> , 2005, 176, 403-416.	2.2	38
131	Along-strike variations of P-T conditions in accretionary wedges and syn-orogenic extension, the HP-LT Phyllite-Quartzite Nappe in Crete and the Peloponnese. <i>Tectonophysics</i> , 2010, 480, 133-148.	2.2	38
132	Interactions between plutonism and detachments during metamorphic core complex formation, Serifos Island (Cyclades, Greece). <i>Tectonics</i> , 2015, 34, 1080-1106.	2.8	38
133	Synextensional Granitoids and Detachment Systems Within Cycladic Metamorphic Core Complexes (Aegean Sea, Greece): Toward a Regional Tectonomagmatic Model. <i>Tectonics</i> , 2018, 37, 2328-2362.	2.8	38
134	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
135	The Nappe des Marbres Unit of the Basque-Cantabrian Basin: The Tectono-thermal Evolution of a Fossil Hyperextended Rift Basin. <i>Tectonics</i> , 2019, 38, 3881-3915.	2.8	37
136	Fast dismantling of a mountain belt by mantle flow: Late-orogenic evolution of Pyrenees and Liguro-Provençal rifting. <i>Tectonophysics</i> , 2020, 776, 228312.	2.2	37
137	Interrelations between extensional shear zones and synkinematic intrusions: The example of Ikaria Island (NE Cyclades, Greece). <i>Tectonophysics</i> , 2015, 651-652, 152-171.	2.2	36
138	On the influence of the asthenospheric flow on the tectonics and topography at a collision-subduction transition zones: Comparison with the eastern Tibetan margin. <i>Journal of Geodynamics</i> , 2016, 100, 184-197.	1.6	36
139	Extensional crustal tectonics and crust-mantle coupling, a view from the geological record. <i>Earth-Science Reviews</i> , 2018, 185, 1187-1209.	9.1	36
140	Emplacement of metamorphic core complexes and associated geothermal systems controlled by slab dynamics. <i>Earth and Planetary Science Letters</i> , 2018, 498, 322-333.	4.4	36
141	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
142	Pressure-temperature-time deformation history of the exhumation of ultra-high pressure rocks in the Western Gneiss Region, Norway. , 2004, , .		33
143	Coupled phengite ⁴⁰ Ar- ³⁹ Ar geochronology and thermobarometry: P-T-t evolution of Andros Island (Cyclades, Greece). <i>Geological Magazine</i> , 2015, 152, 711-727.	1.5	32
144	Slab fragmentation beneath the Aegean/Anatolia transition zone: Insights from the tectonic and metamorphic evolution of the Eastern Aegean region. <i>Tectonophysics</i> , 2019, 754, 101-129.	2.2	32

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145	Tectonic inversion of an asymmetric graben: Insights from a combined field and gravity survey in the Sorbas basin. <i>Tectonics</i> , 2014, 33, 1360-1385.	2.8	31
146	Neogene stress field in SW Japan and mechanism of deformation during the Sea of Japan opening. <i>Journal of Geophysical Research</i> , 1995, 100, 24295-24314.	3.3	30
147	Mesozoic evolution of Northeast Asia and the collision of the Okhotsk microcontinent. <i>Tectonophysics</i> , 1988, 149, 89-109.	2.2	29
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