

Jaume VergÃ©s

List of Publications by Year in descending order

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163
papers

8,438
citations

34105

52
h-index

54911

84
g-index

170
all docs

170
docs citations

170
times ranked

5286
citing authors

#	ARTICLE	IF	CITATIONS
1	Building the Zagros collisional orogen: Timing, strain distribution and the dynamics of Arabia/Eurasia plate convergence. <i>Tectonophysics</i> , 2012, 532-535, 27-60.	2.2	488
2	Catastrophic flood of the Mediterranean after the Messinian salinity crisis. <i>Nature</i> , 2009, 462, 778-781.	27.8	380
3	Magnetostratigraphy of Miocene-Pliocene Zagros foreland deposits in the front of the Push-e Kush Arc (Lurestan Province, Iran). <i>Earth and Planetary Science Letters</i> , 2004, 225, 397-410.	4.4	261
4	Eastern Pyrenees and related foreland basins: pre-, syn- and post-collisional crustal-scale cross-sections. <i>Marine and Petroleum Geology</i> , 1995, 12, 903-915.	3.3	225
5	Interplay between tectonics, climate, and fluvial transport during the Cenozoic evolution of the Ebro Basin (NE Iberia). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	224
6	Tethys-Atlantic interaction along the Iberia-Africa plate boundary: The Betic-Rif orogenic system. <i>Tectonophysics</i> , 2012, 579, 144-172.	2.2	214
7	The Pyrenean orogen: pre-, syn-, and post-collisional evolution. <i>Journal of the Virtual Explorer</i> , 0, 08, .	0.0	186
8	Bed-by-bed fold growth by kink-band migration: Sant Llorenç de Morunys, eastern Pyrenees. <i>Journal of Structural Geology</i> , 1997, 19, 443-461.	2.3	170
9	Crustal-scale cross-sections across the NW Zagros belt: implications for the Arabian margin reconstruction. <i>Geological Magazine</i> , 2011, 148, 739-761.	1.5	169
10	Lithosphere structure underneath the Tibetan Plateau inferred from elevation, gravity and geoid anomalies. <i>Earth and Planetary Science Letters</i> , 2008, 267, 276-289.	4.4	167
11	Progressive evolution of a fault-related fold pair from growth strata geometries, Sant Llorenç de Morunys, SE Pyrenees. <i>Journal of Structural Geology</i> , 1997, 19, 413-441.	2.3	154
12	Thrust sequences in the eastern Spanish Pyrenees. <i>Journal of Structural Geology</i> , 1986, 8, 399-405.	2.3	146
13	Effective elastic thickness of Africa and its relationship to other proxies for lithospheric structure and surface tectonics. <i>Earth and Planetary Science Letters</i> , 2009, 287, 152-167.	4.4	142
14	Late Cretaceous-Paleocene formation of the proto-Zagros foreland basin, Lurestan Province, SW Iran. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 963-978.	3.3	142
15	Mapping active faults offshore Portugal (36°N-38°N): Implications for seismic hazard assessment along the southwest Iberian margin. <i>Geology</i> , 2003, 31, 83.	4.4	132
16	Thrusting and foreland basin evolution in the Southern Pyrenees. , 1992, , 247-254.		129
17	The structure and evolution of the lithosphere-asthenosphere boundary beneath the Atlantic-Mediterranean Transition Region. <i>Lithos</i> , 2010, 120, 74-95.	1.4	126
18	Structural evolution of the Kopeh Dagh fold-and-thrust belt (NE Iran) and interactions with the South Caspian Sea Basin and Amu Darya Basin. <i>Marine and Petroleum Geology</i> , 2014, 57, 68-87.	3.3	125

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19	Crustal architecture and tectonic evolution of the Gulf of Cadiz (SW Iberian margin) at the convergence of the Eurasian and African plates. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	122
20	Thrust sequence in the southern central Pyrenees. <i>Bulletin - Societe Geologique De France</i> , 1990, VI, 265-271.	2.2	116
21	Fold patterns and multilayer rheology of the Lurestan Province, Zagros Simply Folded Belt (Iran). <i>Journal of the Geological Society</i> , 2009, 166, 947-959.	2.1	116
22	Coeval hindward- and forward-imbricating thrusting in the south-central Pyrenees, Spain: Timing and rates of shortening and deposition. <i>Bulletin of the Geological Society of America</i> , 1992, 104, 3-17.	3.3	110
23	A rapid method to map the crustal and lithospheric thickness using elevation, geoid anomaly and thermal analysis. Application to the Gibraltar Arc System, Atlas Mountains and adjacent zones. <i>Tectonophysics</i> , 2007, 430, 97-117.	2.2	106
24	Syn- to post-rift diapirism and minibasins of the Central High Atlas (Morocco): the changing face of a mountain belt. <i>Journal of the Geological Society</i> , 2014, 171, 97-105.	2.1	102
25	Basin architecture and growth folding of the NW Zagros early foreland basin during the Late Cretaceous and early Tertiary. <i>Journal of the Geological Society</i> , 2011, 168, 235-250.	2.1	97
26	Reconstruction of topography and related depositional systems during active thrusting. <i>Journal of Geophysical Research</i> , 1994, 99, 20281-20297.	3.3	92
27	Growth strata in foreland settings. <i>Sedimentary Geology</i> , 2002, 146, 1-9.	2.1	89
28	Stratigraphic architecture and fracture-controlled dolomitization of the Cretaceous Khami and Bangestan groups: an outcrop case study, Zagros Mountains, Iran. <i>Geological Society Special Publication</i> , 2010, 329, 343-396.	1.3	89
29	Insights in the exhumation history of the NW Zagros from bedrock and detrital apatite fission-track analysis: evidence for a long-lived orogeny. <i>Basin Research</i> , 2010, 22, 659-680.	2.7	84
30	Sub-seismic fractures in foreland fold and thrust belts: insight from the Lurestan Province, Zagros Mountains, Iran. <i>Petroleum Geoscience</i> , 2011, 17, 263-282.	1.5	84
31	New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean. <i>Basin Research</i> , 2011, 23, 123-145.	2.7	84
32	The structure of the Atlantic-Mediterranean transition zone from the Alboran Sea to the Horseshoe Abyssal Plain (Iberia-Africa plate boundary). <i>Marine Geology</i> , 2007, 243, 97-119.	2.1	82
33	Rising and falling diapirs, shifting depocenters, and flap overturning in the Cretaceous Sopeira and Sant Gervàs subbasins (Ribagorça Basin, southern Pyrenees). <i>Tectonics</i> , 2016, 35, 638-662.	2.8	81
34	A New Southern North Atlantic Isochron Map: Insights Into the Drift of the Iberian Plate Since the Late Cretaceous. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9603-9626.	3.4	79
35	3-D lithospheric structure and regional/residual Bouguer anomalies in the Arabia-Eurasia collision (Iran). <i>Geophysical Journal International</i> , 2012, 190, 1311-1324.	2.4	78
36	Graph-based representations and techniques for image processing and image analysis. <i>Pattern Recognition</i> , 2002, 35, 639-650.	8.1	76

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37	Modeling the flexural evolution of the Amiran and Mesopotamian foreland basins of NW Zagros (Iran-Iraq). <i>Tectonics</i> , 2015, 34, 377-395.	2.8	75
38	Structure of the Mountain Front Flexure along the Anaran anticline in the Pusht-e Kuh Arc (NW Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.3	73
39	Ten-million-year history of a thrust sheet. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 1608-1625.	3.3	70
40	Insights Into the Crustal Scale Dynamics of a Doubly Vergent Orogen From a Quantitative Analysis of Its Forelands: A Case Study of the Eastern Pyrenees. <i>Tectonics</i> , 2018, 37, 450-476.	2.8	69
41	Constraints on the Neogene Mediterranean kinematic evolution along a 1000 km transect from Iberia to Africa. <i>Geological Society Special Publication</i> , 1999, 156, 63-80.	1.3	68
42	Fault-controlled and stratabound dolostones in the Late Aptian earliest Albian Benassal Formation (Maestrat Basin, E Spain): Petrology and geochemistry constrains. <i>Marine and Petroleum Geology</i> , 2015, 65, 83-102.	3.3	68
43	Unfolding: An inverse approach to fold kinematics. <i>Geology</i> , 1996, 24, 175.	4.4	67
44	Crustal wedging triggering recent deformation in the Andean thrust front between 31°S and 33°S: Sierras Pampeanas-Precordillera interaction. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	65
45	Sediment supply from the Betic Rif orogen to basins through Neogene. <i>Tectonophysics</i> , 2009, 475, 68-84.	2.2	64
46	Networks of agri-environmental policy implementation: a case study of England's Countryside Stewardship Scheme. <i>Land Use Policy</i> , 2004, 21, 177-191.	5.6	61
47	High mountains in a zone of extended crust: Insights into the Neogene-Quaternary topographic development of northeastern Iberia. <i>Tectonics</i> , 2000, 19, 86-102.	2.8	60
48	Inversion tectonics of the northern margin of the Basque Cantabrian Basin. <i>Bulletin - Societe Geologique De France</i> , 2002, 173, 449-459.	2.2	60
49	Tectonic and climatic controls on the development of foreland fan deltas: Montserrat and Sant Llorenç del Munt systems (Middle Eocene, Ebro Basin, NE Spain). <i>Sedimentary Geology</i> , 2000, 138, 17-39.	2.1	59
50	Evolution of the NW Zagros Fold-and-Thrust Belt in Kurdistan Region of Iraq from balanced and restored crustal-scale sections and forward modeling. <i>Journal of Structural Geology</i> , 2019, 124, 51-69.	2.3	59
51	Vertical-axis rotation of a foreland fold and implications for orogenic curvature: an example from the Southern Pyrenees, Spain. <i>Earth and Planetary Science Letters</i> , 2004, 218, 435-449.	4.4	58
52	Quantified vertical motions and tectonic evolution of the SE Pyrenean foreland basin. <i>Geological Society Special Publication</i> , 1998, 134, 107-134.	1.3	57
53	New insights into the crust and lithospheric mantle structure of Africa from elevation, geoid, and thermal analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5389-5424.	3.4	57
54	Architecture and orogenic evolution of the northeastern Outer Carpathians from cross-section balancing and forward modeling. <i>Tectonophysics</i> , 2012, 532-535, 223-241.	2.2	55

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55	Diapiric growth within an Early Jurassic rift basin: The Tazoult salt wall (central High Atlas.) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	2.8	54
56	Lithospheric structure of the Gorringe Bank: Insights into its origin and tectonic evolution. Tectonics, 2010, 29, n/a-n/a.	2.8	53
57	South Pyrenean fold and thrust belt: The role of foreland evaporitic levels in thrust geometry. , 1992, , 255-264.		53
58	Modelling Gravitational Instabilities: Slab Breakâ€œoff and Rayleighâ€œTaylor Diapirism. Pure and Applied Geophysics, 2008, 165, 1491-1510.	1.9	52
59	Crust and mantle lithospheric structure of the Iberian Peninsula deduced from potential field modeling and thermal analysis. Tectonophysics, 2015, 663, 419-433.	2.2	51
60	Fluid history related to the Alpine compression at the margin of the south-Pyrenean Foreland basin: the El Guix anticline. Tectonophysics, 2000, 321, 73-102.	2.2	50
61	Drainage network dynamics and knickpoint evolution in the Ebro and Duero basins: From endorheism to exorheism. Geomorphology, 2019, 327, 554-571.	2.6	49
62	Magnetostratigraphy of synorogenic Miocene foreland sediments in the Fars arc of the Zagros Folded Belt (SW Iran). Basin Research, 2010, 22, 918-932.	2.7	46
63	The Upper Aptian to Lower Albian syn-rift carbonate succession of the southern Maestrat Basin (Spain): Facies architecture and fault-controlled stratabound dolostones. Cretaceous Research, 2013, 41, 217-236.	1.4	45
64	Geophysicalâ€œpetrological model of the crust and upper mantle in the Indiaâ€œEurasia collision zone. Tectonics, 2016, 35, 1642-1669.	2.8	45
65	Lithospheric mantle heterogeneities beneath the Zagros Mountains and the Iranian Plateau: a petrological-geophysical study. Geophysical Journal International, 2014, 200, 596-614.	2.4	43
66	Palaeo-elevation and effective elastic thickness evolution at mountain ranges: inferences from flexural modelling in the Eastern Pyrenees and Ebro Basin. Marine and Petroleum Geology, 1995, 12, 917-928.	3.3	42
67	Layer parallel shortening in salt-detached folds: constraint on cross-section restoration. Tectonophysics, 2003, 372, 85-104.	2.2	40
68	Jurassic rifting to postâ€œrift subsidence analysis in the Central High Atlas and its relation to salt diapirism. Basin Research, 2018, 30, 336-362.	2.7	40
69	Impact of the Late Triassic Dashtak intermediate detachment horizon on anticline geometry in the Central Frontal Fars, SE Zagros fold belt, Iran. Marine and Petroleum Geology, 2014, 54, 23-36.	3.3	38
70	Eocene-Oligocene thrusting and basin configuration in the eastern and central Pyrenees (Spain). , 1996, , 120-133.		35
71	Interplay between longitudinal fluvial and transverse alluvial fan systems and growing thrusts in a piggyback basin (SE Pyrenees). Sedimentary Geology, 2002, 146, 105-131.	2.1	34
72	From the North-Iberian Margin to the Alboran Basin: A lithosphere geo-transect across the Iberian Plate. Tectonophysics, 2015, 663, 399-418.	2.2	34

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73	Quaternary alluvial terraces in an active tectonic region: the San Juan River Valley, Andean Ranges, San Juan Province, Argentina. <i>Journal of South American Earth Sciences</i> , 2000, 13, 611-626.	1.4	32
74	Fluid Systems in Foreland Fold-and-Thrust Belts: An Overview from the Southern Pyrenees. <i>Frontiers in Earth Sciences</i> , 2007, , 93-115.	0.1	31
75	Multiple Detachment Folding in Pusht-e Kuh Arc, Zagros_{title}>Role of Mechanical Stratigraphy</sub>, 2011, , .		31
76	The Alboran domain in the western Mediterranean evolution: the birth of a concept. <i>Bulletin - Societe Geologique De France</i> , 2015, 186, 371-384.	2.2	31
77	Folding, thrusting and diapirism: Competing mechanisms for shaping the structure of the north Dezful Embayment, Zagros, Iran. <i>Basin Research</i> , 2018, 30, 1200-1229.	2.7	31
78	Ranges and basins in the Iberian Peninsula: their contribution to the present topography. <i>Geological Society Memoir</i> , 2006, 32, 223-234.	1.7	30
79	Decoupled crust-mantle accommodation of Africa-Eurasia convergence in the NW Moroccan margin. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	30
80	Salt Tectonics in the Atlas Mountains of Morocco. , 2017, , 563-579.		30
81	Changes in fluid regime in syn-orogenic sediments during the growth of the south Pyrenean fold and thrust belt. <i>Global and Planetary Change</i> , 2018, 171, 207-224.	3.5	30
82	Miocene sedimentary and tectonic evolution of the Andean Precordillera at 31°S, Argentina. <i>Journal of South American Earth Sciences</i> , 2001, 14, 735-750.	1.4	29
83	Temporal constraints on fracturing associated with fault-related folding at Sant Corneli anticline, Spanish Pyrenees. <i>Journal of Structural Geology</i> , 2011, 33, 5-19.	2.3	29
84	Crestal graben fluid evolution during growth of the Puig-reig anticline (South Pyrenean fold and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.6	29
85	Structural and tectonic evolution of western Cuba fold and thrust belt. <i>Tectonics</i> , 2008, 27, .	2.8	28
86	Quantifying deformation processes in the SE Pyrenees using U-Pb dating of fracture-filling calcites. <i>Journal of the Geological Society</i> , 2020, 177, 1186-1196.	2.1	28
87	Exhumation of the southern Pyrenean fold-thrust belt (Spain) from orogenic growth to decay. <i>Tectonics</i> , 2013, 32, 843-860.	2.8	27
88	Deep structure of the V˚ Margin: the transition from a continental shield to a young oceanic lithosphere. <i>Earth and Planetary Science Letters</i> , 2004, 221, 131-144.	4.4	26
89	The impact of syn- and post-extension prograding sedimentation on the development of salt-related rift basins and their inversion: Clues from analogue modelling. <i>Marine and Petroleum Geology</i> , 2017, 88, 985-1003.	3.3	26
90	Evolution of a salt-rich transtensional rifted margin, eastern North Pyrenees, France. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	25

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91	Lithospheric structure in Central Eurasia derived from elevation, geoid anomaly and thermal analysis. Geological Society Special Publication, 2017, 427, 271-293.	1.3	24
92	Mapping the crustal structure beneath the eastern Pyrenees. Tectonophysics, 2018, 744, 296-309.	2.2	24
93	Lithospheric structure of the Mid-Norwegian Margin: comparison between the MÅre and VÅring margins. Journal of the Geological Society, 2005, 162, 1005-1012.	2.1	24
94	Reservoir characteristics of fault-controlled hydrothermal dolomite bodies: Ramales Platform case study. Geological Society Special Publication, 2012, 370, 83-109.	1.3	22
95	Stratigraphic framework of the thrust geometry and structural inversion in the southeastern Pyrenees : La Garrotxa area. Geodinamica Acta, 1989, 3, 185-194.	2.2	22
96	Extensional geometry of the Mid Norwegian Margin before Early Tertiary continental breakup. Marine and Petroleum Geology, 2004, 21, 177-194.	3.3	21
97	Quantifying the contribution of tectonics vs. differential compaction in the development of domes along the Mid-Norwegian Atlantic margin. Basin Research, 2005, 17, 289-310.	2.7	21
98	Numerical modelling of tectonic plates subduction using X-FEM. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 4283-4293.	6.6	20
99	â€˜Vayroâ€™, â€˜Marinadaâ€™, â€˜ConstantÃ‚â€™, and â€˜Tarracoâ€™ Almonds. Hortscience: A Publication of the American Society for Horticultural Science, 2008, 43, 535-537.	1.0	20
100	Tectonoâ€sedimentary evolution of Jurassicâ€Cretaceous diapiric structures: Miravete anticline, Maestrat Basin, Spain. Basin Research, 2020, 32, 1653-1684.	2.7	19
101	Illite-smectite patterns in sheared Pleistocene mudstones of the Southern Apennines and their implications regarding the process of illitization: A multiscale analysis. Journal of Structural Geology, 2011, 33, 1699-1711.	2.3	17
102	Effects of reactivated extensional basement faults on structural evolution of fold-and-thrust belts: Insights from numerical modelling applied to the Kopet Dagh Mountains. Tectonophysics, 2018, 746, 493-511.	2.2	17
103	Deep Seated Density Anomalies Across the Iberiaâ€Africa Plate Boundary and Its Topographic Response. Journal of Geophysical Research: Solid Earth, 2019, 124, 13310-13332.	3.4	17
104	Age of synorogenic deposits and timing of folding in Dezful embayment, SW Zagros Fold Belt. Marine and Petroleum Geology, 2020, 113, 104148.	3.3	16
105	Pliocene growth of the Dowlatabad syncline in Frontal Fars arc: Folding propagation across the Zagros Fold Belt, Iran. Bulletin of the Geological Society of America, 2021, 133, 1381-1403.	3.3	16
106	From hydroplastic to brittle deformation: Controls on fluid flow in fold and thrust belts. Insights from the Lower Pedraforca thrust sheet (SE Pyrenees). Marine and Petroleum Geology, 2020, 120, 104517.	3.3	16
107	Spatio-temporal variation of fluid flow behavior along a fold: The BÃ³ixols-Sant Corneli anticline (Southern Pyrenees) from Uâ€Pb dating and structural, petrographic and geochemical constraints. Marine and Petroleum Geology, 2022, 143, 105788.	3.3	16
108	Effects of rate and nature of synkinematic sedimentation on the growth of compressive structures constrained by analogue models and field examples. Geological Society Special Publication, 2003, 208, 307-319.	1.3	15

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109	Evolution of a structural basin: Numerical modelling applied to the Dehdasht Basin, Central Zagros, Iran. <i>Journal of Asian Earth Sciences</i> , 2020, 187, 104088.	2.3	15
110	U–Pb dating of carbonate veins constraining timing of beef growth and oil generation within Vaca Muerta Formation and compression history in the Neuquén Basin along the Andean fold and thrust belt. <i>Marine and Petroleum Geology</i> , 2021, 132, 105204.	3.3	15
111	Growth fold controls on carbonate distribution in mixed foreland basins: insights from the <i>miran</i> foreland basin (NW Zagros, Iran) and stratigraphic numerical modelling. <i>Basin Research</i> , 2013, 25, 149-171.	2.7	14
112	Evidence of Segmentation in the Iberia–Africa Plate Boundary: A Jurassic Heritage?. <i>Geosciences (Switzerland)</i> , 2019, 9, 343.	2.2	14
113	Zagros Foreland Fold Belt Timing Across Lurestan to Constrain Arabia–Iran Collision. <i>Developments in Structural Geology and Tectonics</i> , 2019, 3, 29-52.	0.2	14
114	LitMod2D_2.0: An Improved Integrated Geophysical–Petrological Modeling Tool for the Physical Interpretation of Upper Mantle Anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008777.	2.5	14
115	Shale-related minibasins atop a massive olistostrome in an active accretionary wedge setting: Two-dimensional numerical modeling applied to the Iranian Makran. <i>Geology</i> , 2018, 46, 791-794.	4.4	13
116	Structure and kinematics of the Central Sivas Basin (Turkey): salt deposition and tectonics in an evolving fold-and-thrust belt. <i>Geological Society Special Publication</i> , 2020, 490, 361-396.	1.3	13
117	Provenance evolution of Oligocene–Pliocene foreland deposits in the Dezful embayment to constrain Central Zagros exhumation history. <i>Journal of the Geological Society</i> , 2020, 177, 799-817.	2.1	13
118	Role of the Foredeep Evaporites in Wedge Tectonics and Formation of Triangle Zones: Comparison of the Carpathian and Pyrenean Thrust Fronts. , 2007, , 385-396.		13
119	Evidence for mantle heterogeneities in the westernmost Mediterranean from a statistical approach to volcanic petrology. <i>Lithos</i> , 2017, 276, 62-74.	1.4	12
120	Opposite Subduction Polarity in Adjacent Plate Segments. <i>Tectonics</i> , 2018, 37, 3285-3302.	2.8	12
121	Diagenetic evolution of lower Jurassic platform carbonates flanking the Tazoult salt wall (Central Tj ETQq1 1 0.784314 rgBT /Overloc	2.7	12
122	Opposite Symmetry in the Lithospheric Structure of the Alboran and Algerian Basins and Their Margins (Western Mediterranean): Geodynamic Implications. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021388.	3.4	12
123	Multiple fluid flow events from salt-related rifting to basin inversion (Upper Pedraforca thrust sheet, Tj ETQq1 1 0.784314 rgBT /Overl	2.7	12
124	Alluvial gravel sedimentation in a contractional growth fold setting, Sant Llorenç de Morunys, southeastern Pyrenees. <i>Geological Society Special Publication</i> , 1998, 134, 69-106.	1.3	11
125	Tectonics, sedimentation and surface processes: from the erosional engine to basin deposition. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1839-1846.	2.5	11
126	Fracture characterization in sigmoidal folds: Insights from the Siah Kuh anticline, Zagros, Iran. <i>AAPG Bulletin</i> , 2018, 102, 369-399.	1.5	10

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127	Petroleum tectonic comparison of fold and thrust belts: the Zagros of Iraq and Iran, the Pyrenees of Spain, the Sevier of Western USA and the Beni Sub-Andean of Bolivia. Geological Society Special Publication, 2020, 490, 79-103.	1.3	9
128	Neotectonic Deformation in Central Eurasia: A Geodynamic Model Approach. Journal of Geophysical Research: Solid Earth, 2017, 122, 9461-9484.	3.4	8
129	Four decades of geophysical research on Iberia and adjacent margins. Earth-Science Reviews, 2021, 222, 103841.	9.1	8
130	Analog and Numerical Experiments of Double Subduction Systems With Opposite Polarity in Adjacent Segments. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009035.	2.5	7
131	Lower plate geometry controlling the development of a thrust-top basin: the tectonosedimentary evolution of the Ofanto basin (Southern Apennines). Journal of the Geological Society, 2013, 170, 147-158.	2.1	6
132	Regional crustal and lithospheric thickness model for Alaska, the Chukchi shelf, and the inner and outer Bering shelves. Geophysical Journal International, 2020, 220, 522-540.	2.4	6
133	Tectono-sedimentary evolution of the Dehdasht structural basin (Central Zagros, Iran). Tectonophysics, 2021, 806, 228791.	2.2	6
134	Structural styles of the Tellian fold-and-thrust belt of Tunisia based on structural transects: Insights on the subsurface oil and gas pre-salt plays. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	6
135	Hinterland and foreland structures of the eastern Maghreb Tell and Atlas thrust belts: tectonic controlling factors, pending questions, and oil/gas exploration potential of the Pre-Triassic traps. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	6
136	In situ U-Pb zircon geochronology on metapelitic granulites of Beni Bousera (Betic-Rif system, N) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	0.5	5
137	Integrated bio- and carbon isotope stratigraphy of the Campanian–Danian sedimentary succession in Lurestan (Zagros Basin, Iran): Implications for syntectonic facies distribution and basin evolution. Journal of Asian Earth Sciences, 2021, 214, 104779.	2.3	4
138	Topographic, lithospheric and lithologic controls on the transient landscape evolution after the opening of internally-drained basins. Modelling the North Iberian Neogene drainage. Bulletin - Societe Geologique De France, 2021, 192, 45.	2.2	4
139	Numerical modelling of opposing subduction in the Western Mediterranean. Tectonophysics, 2022, 830, 229309.	2.2	3
140	The nature of crustal reflectivity at the southwest Iberian margin. Tectonophysics, 2017, 721, 239-253.	2.2	2
141	Tectonic Record of Ophiolite Obduction in the Sedimentary Sequence of the Pust-e-Kuh Arc, Simply Folded Belt, Zagros Mountains (Lurestan, Iran). , 2010, , .		1
142	Development and Folding of the NW Zagros Foreland Basin, Lurestan Povice, SW Iran. , 2009, , .		1
143	Structure of Zagros Simply Folded Zone. , 2010, , .		1
144	Field Evidence for a Major Early Paleogene Folding Phase Across the Zagros Simple Folded Zone (Lurestan Province, Iran). , 2009, , .		0

#	ARTICLE	IF	CITATIONS
145	Reply to comment by Andrzej Pszcz ³ Å,kowski on "Structural and tectonic evolution of western Cuba fold and thrust belt" by Eduard Saura et al.. Tectonics, 2009, 28, .	2.8	0
146	Fault & Fracture Development in Foreland Fold and Thrust Belts - Insight from the Lurestan Province, Zagros Mountains, Iran. , 2010, , .		0
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