

Jaume VergÃ©s

List of Publications by Year in descending order

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163
papers

8,438
citations

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docs citations

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times ranked

5286
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1. | 1.3 | 6 |
| 2 | Numerical modelling of opposing subduction in the Western Mediterranean. <i>Tectonophysics</i> , 2022, 830, 229309. | 2.2 | 3 |
| 3 | Spatio-temporal variation of fluid flow behavior along a fold: The Bixols-Sant Corneli anticline (Southern Pyrenees) from U-Pb dating and structural, petrographic and geochemical constraints. <i>Marine and Petroleum Geology</i> , 2022, 143, 105788. | 3.3 | 16 |
| 4 | Pliocene growth of the Dowlatabad syncline in Frontal Fars arc: Folding propagation across the Zagros Fold Belt, Iran. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1381-1403. | 3.3 | 16 |
| 5 | Evolution of a salt-rich transtensional rifted margin, eastern North Pyrenees, France. <i>Journal of the Geological Society</i> , 2021, 178, . | 2.1 | 25 |
| 6 | Tectono-sedimentary evolution of the Dehdasht structural basin (Central Zagros, Iran). <i>Tectonophysics</i> , 2021, 806, 228791. | 2.2 | 6 |
| 7 | 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 |
| 8 | 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. <i>Journal of Asian Earth Sciences</i> , 2021, 214, 104779. | 2.3 | 4 |
| 9 | 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. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1. | 1.3 | 6 |
| 10 | Multiple fluid flow events from salt-related rifting to basin inversion (Upper Pedraforca thrust sheet,). <i>Tectonophysics</i> , 2021, 830, 229309. | 2.2 | 12 |
| 11 | Topographic, lithospheric and lithologic controls on the transient landscape evolution after the opening of internally-drained basins. Modelling the North Iberian Neogene drainage. <i>Bulletin - Societe Geologique De France</i> , 2021, 192, 45. | 2.2 | 4 |
| 12 | 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 |
| 13 | Four decades of geophysical research on Iberia and adjacent margins. <i>Earth-Science Reviews</i> , 2021, 222, 103841. | 9.1 | 8 |
| 14 | Diagenetic evolution of lower Jurassic platform carbonates flanking the Tazoult salt wall (Central). <i>Tectonophysics</i> , 2021, 830, 229309. | 2.2 | 12 |
| 15 | 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 |
| 16 | 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. <i>Geological Society Special Publication</i> , 2020, 490, 79-103. | 1.3 | 9 |
| 17 | Regional crustal and lithospheric thickness model for Alaska, the Chukchi shelf, and the inner and outer bering shelves. <i>Geophysical Journal International</i> , 2020, 220, 522-540. | 2.4 | 6 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Age of synorogenic deposits and timing of folding in Dezful embayment, SW Zagros Fold Belt. <i>Marine and Petroleum Geology</i> , 2020, 113, 104148. | 3.3 | 16 |
| 20 | Quantifying deformation processes in the SE Pyrenees using Uâ€Pb dating of fracture-filling calcites. <i>Journal of the Geological Society</i> , 2020, 177, 1186-1196. | 2.1 | 28 |
| 21 | Analog and Numerical Experiments of Double Subduction Systems With Opposite Polarity in Adjacent Segments. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009035. | 2.5 | 7 |
| 22 | From hydroplastic to brittle deformation: Controls on fluid flow in fold and thrust belts. Insights from the Lower Pedraforca thrust sheet (SE Pyrenees). <i>Marine and Petroleum Geology</i> , 2020, 120, 104517. | 3.3 | 16 |
| 23 | Geochronological and geochemical data from fracture-filling calcites from the Lower Pedraforca thrust sheet (SE Pyrenees). <i>Data in Brief</i> , 2020, 31, 105896. | 1.0 | 0 |
| 24 | Provenance evolution of Oligoceneâ€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 |
| 25 | Tectonoâ€sedimentary evolution of Jurassicâ€Cretaceous diapiric structures: Miravete anticline, Maestrat Basin, Spain. <i>Basin Research</i> , 2020, 32, 1653-1684. | 2.7 | 19 |
| 26 | LitMod2D_2.0: An Improved Integrated Geophysicalâ€Petrological Modeling Tool for the Physical Interpretation of Upper Mantle Anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008777. | 2.5 | 14 |
| 27 | Evidence of Segmentation in the Iberiaâ€Africa Plate Boundary: A Jurassic Heritage?. <i>Geosciences (Switzerland)</i> , 2019, 9, 343. | 2.2 | 14 |
| 28 | 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 |
| 29 | From Rock-Buffered to Open Fluid System During Emplacement of the Lower Pedraforca Thrust Sheet (South Pyrenees). <i>Advances in Science, Technology and Innovation</i> , 2019, , 215-217. | 0.4 | 0 |
| 30 | Deep Seated Density Anomalies Across the Iberiaâ€Africa Plate Boundary and Its Topographic Response. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 13310-13332. | 3.4 | 17 |
| 31 | Zagros Foreland Fold Belt Timing Across Lurestan to Constrain Arabiaâ€Iran Collision. <i>Developments in Structural Geology and Tectonics</i> , 2019, 3, 29-52. | 0.2 | 14 |
| 32 | Drainage network dynamics and knickpoint evolution in the Ebro and Duero basins: From endorheism to exorheism. <i>Geomorphology</i> , 2019, 327, 554-571. | 2.6 | 49 |
| 33 | Multidisciplinary Study of the Central High Atlas Diapiric Province in Morocco: Results from Analogue and Numerical Models. <i>Advances in Science, Technology and Innovation</i> , 2019, , 225-228. | 0.4 | 0 |
| 34 | Impact of Salt Tectonics on Mesozoic Carbonate Platform Development: Insights from Outcrop Analogues (High-Atlas, Morocco). , 2019, , . | | 0 |
| 35 | Insights Into the Crustalâ€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 |
| 36 | Jurassic rifting to postâ€rift subsidence analysis in the Central High Atlas and its relation to salt diapirism. <i>Basin Research</i> , 2018, 30, 336-362. | 2.7 | 40 |

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|----|---|-----|-----------|
| 37 | Effects of reactivated extensional basement faults on structural evolution of fold-and-thrust belts: Insights from numerical modelling applied to the Kopet Dagh Mountains. <i>Tectonophysics</i> , 2018, 746, 493-511. | 2.2 | 17 |
| 38 | 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 |
| 39 | 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 |
| 40 | Opposite Subduction Polarity in Adjacent Plate Segments. <i>Tectonics</i> , 2018, 37, 3285-3302. | 2.8 | 12 |
| 41 | Fracture characterization in sigmoidal folds: Insights from the Siah Kuh anticline, Zagros, Iran. <i>AAPG Bulletin</i> , 2018, 102, 369-399. | 1.5 | 10 |
| 42 | Mapping the crustal structure beneath the eastern Pyrenees. <i>Tectonophysics</i> , 2018, 744, 296-309. | 2.2 | 24 |
| 43 | 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 |
| 44 | TECTONIC, SEA-LEVEL, AND PALEOECOLOGICAL CONTROLS ON CARBONATE FACIES DISTRIBUTION, SANTONIAN SANT CORNELI FORMATION, SOUTH-CENTRAL PYRENEES, SPAIN. , 2018, , . | | 0 |
| 45 | In situ U-Pb zircon geochronology on metapelitic granulites of Beni Bousera (Betic-Rif system, N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | 0.5 | 5 |
| 46 | Lithospheric structure in Central Eurasia derived from elevation, geoid anomaly and thermal analysis. <i>Geological Society Special Publication</i> , 2017, 427, 271-293. | 1.3 | 24 |
| 47 | 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 |
| 48 | The nature of crustal reflectivity at the southwest Iberian margin. <i>Tectonophysics</i> , 2017, 721, 239-253. | 2.2 | 2 |
| 49 | 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 |
| 50 | Neotectonic Deformation in Central Eurasia: A Geodynamic Model Approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9461-9484. | 3.4 | 8 |
| 51 | 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 |
| 52 | 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 |
| 53 | Salt Tectonics in the Atlas Mountains of Morocco. , 2017, , 563-579. | | 30 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Crestal graben fluid evolution during growth of the Puig-reig anticline (South Pyrenean fold and) Tj ETQq1 1 0.784314 rgBT /Qyerlock | 1.6 | 29 |
| 56 | Geophysicalâ€”petrological model of the crust and upper mantle in the Indiaâ€”Eurasia collision zone. Tectonics, 2016, 35, 1642-1669. | 2.8 | 45 |
| 57 | New insights into the crust and lithospheric mantle structure of Africa from elevation, geoid, and thermal analysis. Journal of Geophysical Research: Solid Earth, 2016, 121, 5389-5424. | 3.4 | 57 |
| 58 | Tectonics, sedimentation and surface processes: from the erosional engine to basin deposition. Earth Surface Processes and Landforms, 2015, 40, 1839-1846. | 2.5 | 11 |
| 59 | Modeling the flexural evolution of the Amiran and Mesopotamian foreland basins of NW Zagros (Iran-Iraq). Tectonics, 2015, 34, 377-395. | 2.8 | 75 |
| 60 | The Alboran domain in the western Mediterranean evolution: the birth of a concept. Bulletin - Societe Geologique De France, 2015, 186, 371-384. | 2.2 | 31 |
| 61 | 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 |
| 62 | Fault-controlled and stratabound dolostones in the Late Aptianâ€”earliest Albian Benassal Formation (Maestrat Basin, E Spain): Petrology and geochemistry constrains. Marine and Petroleum Geology, 2015, 65, 83-102. | 3.3 | 68 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | Syn- to post-rift diapirism and minibasins of the Central High Atlas (Morocco): the changing face of a mountain belt. Journal of the Geological Society, 2014, 171, 97-105. | 2.1 | 102 |
| 67 | Structural evolution of the Kopeh Dagh fold-and-thrust belt (NE Iran) and interactions with the South Caspian Sea Basin and Amu Darya Basin. Marine and Petroleum Geology, 2014, 57, 68-87. | 3.3 | 125 |
| 68 | Growth fold controls on carbonate distribution in mixed foreland basins: insights from the <scp>A</scp>miran foreland basin (<scp>NW Z</scp>agros, <scp>I</scp>ran) and stratigraphic numerical modelling. Basin Research, 2013, 25, 149-171. | 2.7 | 14 |
| 69 | 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 |
| 70 | Exhumation of the southern Pyrenean foldâ€”thrust belt (Spain) from orogenic growth to decay. Tectonics, 2013, 32, 843-860. | 2.8 | 27 |
| 71 | 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 |
| 72 | Reservoir characteristics of fault-controlled hydrothermal dolomite bodies: Ramales Platform case study. Geological Society Special Publication, 2012, 370, 83-109. | 1.3 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | 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 |
| 74 | Tethysâ€“Atlantic interaction along the Iberiaâ€“Africa plate boundary: The Beticâ€“Rif orogenic system. <i>Tectonophysics</i> , 2012, 579, 144-172. | 2.2 | 214 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 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 | 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 |
| 81 | Multiple Detachment Folding in Pusht-e Kuh Arc, Zagros<sub>title>Role of Mechanical Stratigraphy</sub>, , 2011, , . | | 31 |
| 82 | 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 |
| 83 | Correction to â€œNew constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterraneanâ€“. <i>Basin Research</i> , 2011, 23, 376-376. | 2.7 | 0 |
| 84 | 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 |
| 85 | Illite-smectite patterns in sheared Pleistocene mudstones of the Southern Apennines and their implications regarding the process of illitization: A multiscale analysis. <i>Journal of Structural Geology</i> , 2011, 33, 1699-1711. | 2.3 | 17 |
| 86 | Magnetostratigraphy of synorogenic Miocene foreland sediments in the Fars arc of the Zagros Folded Belt (SW Iran). <i>Basin Research</i> , 2010, 22, 918-932. | 2.7 | 46 |
| 87 | The structure and evolution of the lithosphereâ€“asthenosphere boundary beneath the Atlanticâ€“Mediterranean Transition Region. <i>Lithos</i> , 2010, 120, 74-95. | 1.4 | 126 |
| 88 | Insights in the exhumation history of the NW Zagros from bedrock and detrital apatite fissionâ€“track analysis: evidence for a longâ€“lived orogeny. <i>Basin Research</i> , 2010, 22, 659-680. | 2.7 | 84 |
| 89 | Fault & Fracture Development in Foreland Fold and Thrust Belts - Insight from the Lurestan Province, Zagros Mountains, Iran. , 2010, , . | | 0 |
| 90 | Reservoir Modelling from Interpretation of 3D Virtual Outcrops & Field Data - A Case Study from the Upper Sarvak Fm, Chenareh Gorge, Lurestan, Iran. , 2010, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Lithospheric structure of the Gorringe Bank: Insights into its origin and tectonic evolution. <i>Tectonics</i> , 2010, 29, n/a-n/a. | 2.8 | 53 |
| 92 | 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 |
| 93 | 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 |
| 94 | Tectonic Record of Ophiolite Obduction in the Sedimentary Sequence of the Pust-e-Kuh Arc, Simply Folded Belt, Zagros Mountains (Lurestan, Iran). , 2010, , . | | 1 |
| 95 | Forward Model of the Eocene-Miocene Orogenic Evolution of Polish and Slovak Outer Carpathians. , 2010, , . | | 0 |
| 96 | Fracture Distribution of a Non-cylindrical Anticline Located on a Major Basement Fault. , 2010, , . | | 0 |
| 97 | Geological Mapping and Structural Interpretation Using a Virtual Outcrop Digitiser, Examples from the Zagros (Iran). , 2010, , . | | 0 |
| 98 | Late Cretaceous to Present Protracted Convergence between Arabia and Iran. , 2010, , . | | 0 |
| 99 | Structure of Zagros Simply Folded Zone. , 2010, , . | | 1 |
| 100 | Field Evidence for a Major Early Paleogene Folding Phase Across the Zagros Simple Folded Zone (Lurestan Province, Iran). , 2009, , . | | 0 |
| 101 | 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 |
| 102 | Catastrophic flood of the Mediterranean after the Messinian salinity crisis. <i>Nature</i> , 2009, 462, 778-781. | 27.8 | 380 |
| 103 | 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 |
| 104 | Sediment supply from the Beticâ€“Rif orogen to basins through Neogene. <i>Tectonophysics</i> , 2009, 475, 68-84. | 2.2 | 64 |
| 105 | Late Cretaceousâ€“Paleocene formation of the protoâ€“Zagros foreland basin, Lurestan Province, SW Iran. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 963-978. | 3.3 | 142 |
| 106 | Reply to comment by Andrzej PszczÅ³kowski on â€œStructural and tectonic evolution of western Cuba fold and thrust beltâ€“by Eduard Saura et al.. <i>Tectonics</i> , 2009, 28, . | 2.8 | 0 |
| 107 | Early Foreland Basin Depositional Evolution in NW Zagros from Latest Cretaceous to the Early Eocene. , 2009, , . | | 0 |
| 108 | Development and Folding of the NW Zagros Foreland Basin, Lurestan Povince, SW Iran. , 2009, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Multilayer Properties Revealed by Anticline Distribution, the Case of the SE Pusht-E Kuh Arc (Lurestan). , 2009, , . | | 0 |
| 110 | Neogene Sequence of Folding in the NW Zagros Fold Belt Dating Non-marine Foreland Growth Strata. , 2009, , . | | 0 |
| 111 | Integrated Modeling of the Crust and Mantle Structure in the Zagros Fold and Thrust Belt and the Mesopotamian Foredeep. , 2009, , . | | 0 |
| 112 | Remote Sensing Based 3D Study: an Example from the Khorramabad Anticline, Zagros, SW Iran. , 2009, , . | | 0 |
| 113 | Modelling Gravitational Instabilities: Slab Break-off and Rayleigh-Taylor Diapirism. Pure and Applied Geophysics, 2008, 165, 1491-1510. | 1.9 | 52 |
| 114 | Structural and tectonic evolution of western Cuba fold and thrust belt. Tectonics, 2008, 27, . | 2.8 | 28 |
| 115 | Lithosphere structure underneath the Tibetan Plateau inferred from elevation, gravity and geoid anomalies. Earth and Planetary Science Letters, 2008, 267, 276-289. | 4.4 | 167 |
| 116 | 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 |
| 117 | Modelling Gravitational Instabilities: Slab Break-off and Rayleigh-Taylor Diapirism. , 2008, , 1491-1510. | | 0 |
| 118 | Fluid Systems in Foreland Fold-and-Thrust Belts: An Overview from the Southern Pyrenees. Frontiers in Earth Sciences, 2007, , 93-115. | 0.1 | 31 |
| 119 | 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. Tectonophysics, 2007, 430, 97-117. | 2.2 | 106 |
| 120 | Crustal wedging triggering recent deformation in the Andean thrust front between 31Â°S and 33Â°S: Sierras Pampeanas-Precordillera interaction. Journal of Geophysical Research, 2007, 112, . | 3.3 | 65 |
| 121 | Numerical modelling of tectonic plates subduction using X-FEM. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 4283-4293. | 6.6 | 20 |
| 122 | The structure of the Atlanticâ€™Mediterranean transition zone from the Alboran Sea to the Horseshoe Abyssal Plain (Iberiaâ€™Africa plate boundary). Marine Geology, 2007, 243, 97-119. | 2.1 | 82 |
| 123 | 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 |
| 124 | Ranges and basins in the Iberian Peninsula: their contribution to the present topography. Geological Society Memoir, 2006, 32, 223-234. | 1.7 | 30 |
| 125 | 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 |
| 126 | Lithospheric structure of the Mid-Norwegian Margin: comparison between the MÃƒre and VÃƒring margins. Journal of the Geological Society, 2005, 162, 1005-1012. | 2.1 | 24 |

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|-----|---|-----|-----------|
| 127 | 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 |
| 128 | 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 |
| 129 | Extensional geometry of the Mid Norwegian Margin before Early Tertiary continental breakup. <i>Marine and Petroleum Geology</i> , 2004, 21, 177-194. | 3.3 | 21 |
| 130 | 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 |
| 131 | Deep structure of the VÃ,ring 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | Mapping active faults offshore Portugal (36°Nâ€“38°N): Implications for seismic hazard assessment along the southwest Iberian margin. <i>Geology</i> , 2003, 31, 83. | 4.4 | 132 |
| 135 | Effects of rate and nature of synkinematic sedimentation on the growth of compressive structures constrained by analogue models and field examples. <i>Geological Society Special Publication</i> , 2003, 208, 307-319. | 1.3 | 15 |
| 136 | Layer parallel shortening in salt-detached folds: constraint on cross-section restoration. <i>Tectonophysics</i> , 2003, 372, 85-104. | 2.2 | 40 |
| 137 | Inversion tectonics of the northern margin of the Basque Cantabrian Basin. <i>Bulletin - Societie Geologique De France</i> , 2002, 173, 449-459. | 2.2 | 60 |
| 138 | Growth strata in foreland settings. <i>Sedimentary Geology</i> , 2002, 146, 1-9. | 2.1 | 89 |
| 139 | Interplay between longitudinal fluvial and transverse alluvial fan systems and growing thrusts in a piggyback basin (SE Pyrenees). <i>Sedimentary Geology</i> , 2002, 146, 105-131. | 2.1 | 34 |
| 140 | Graph-based representations and techniques for image processing and image analysis. <i>Pattern Recognition</i> , 2002, 35, 639-650. | 8.1 | 76 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
| 144 | Fluid history related to the Alpine compression at the margin of the south-Pyrenean Foreland basin: the El Guix anticline. <i>Tectonophysics</i> , 2000, 321, 73-102. | 2.2 | 50 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | 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 |
| 146 | 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 |
| 147 | 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 |
| 148 | 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 |
| 149 | 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 |
| 150 | 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 |
| 151 | Unfolding: An inverse approach to fold kinematics. <i>Geology</i> , 1996, 24, 175. | 4.4 | 67 |
| 152 | Eocene-Oligocene thrusting and basin configuration in the eastern and central Pyrenees (Spain). , 1996, , 120-133. | | 35 |
| 153 | Ten-million-year history of a thrust sheet. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 1608-1625. | 3.3 | 70 |
| 154 | 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 |
| 155 | Palaeo-elevation and effective elastic thickness evolution at mountain ranges: inferences from flexural modelling in the Eastern Pyrenees and Ebro Basin. <i>Marine and Petroleum Geology</i> , 1995, 12, 917-928. | 3.3 | 42 |
| 156 | Reconstruction of topography and related depositional systems during active thrusting. <i>Journal of Geophysical Research</i> , 1994, 99, 20281-20297. | 3.3 | 92 |
| 157 | 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 |
| 158 | Thrusting and foreland basin evolution in the Southern Pyrenees. , 1992, , 247-254. | | 129 |
| 159 | South Pyrenean fold and thrust belt: The role of foreland evaporitic levels in thrust geometry. , 1992, , 255-264. | | 53 |
| 160 | Thrust sequence in the southern central Pyrenees. <i>Bulletin - Societe Geologique De France</i> , 1990, VI, 265-271. | 2.2 | 116 |
| 161 | Stratigraphic framework of the thrust geometry and structural inversion in the southeastern Pyrenees : La Garrotxa area. <i>Geodynamica Acta</i> , 1989, 3, 185-194. | 2.2 | 22 |
| 162 | Thrust sequences in the eastern Spanish Pyrenees. <i>Journal of Structural Geology</i> , 1986, 8, 399-405. | 2.3 | 146 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | The Pyrenean orogen: pre-, syn-, and post-collisional evolution. Journal of the Virtual Explorer, 0, 08, . | 0.0 | 186 |