

J Escuder-Viruete

List of Publications by Year in descending order

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47
papers

1,060
citations

361296

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h-index

434063

31
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50
all docs

50
docs citations

50
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Magmatic relationships and ages between adakites, magnesian andesites and Nb-enriched basalt-andesites from Hispaniola: Record of a major change in the Caribbean island arc magma sources. <i>Lithos</i> , 2007, 99, 151-177.	0.6	99
2	Magmatic relationships and ages of Caribbean Island arc tholeiites, boninites and related felsic rocks, Dominican Republic. <i>Lithos</i> , 2006, 90, 161-186.	0.6	77
3	Variscan syncollisional extension in the Iberian Massif: structural, metamorphic and geochronological evidence from the Somosierra sector of the Sierra de Guadarrama (Central Iberian) Tj ETQq1 1 0.784314 rge8 / Over	0.6	78
4	Caribbean island-arc rifting and back-arc basin development in the Late Cretaceous: Geochemical, isotopic and geochronological evidence from Central Hispaniola. <i>Lithos</i> , 2008, 104, 378-404.	0.6	52
5	Magmatic relationships between depleted mantle harzburgites, boninitic cumulate gabbros and subduction-related tholeiitic basalts in the Puerto Plata ophiolitic complex, Dominican Republic: Implications for the birth of the Caribbean island-arc. <i>Lithos</i> , 2014, 196-197, 261-280.	0.6	47
6	Two-dimensional geostatistical modeling and prediction of the fracture system in the Albala Granitic Pluton, SW Iberian Massif, Spain. <i>Journal of Structural Geology</i> , 2001, 23, 2011-2023.	1.0	46
7	Geochemical characteristics of the R�o Verde Complex, Central Hispaniola: Implications for the paleotectonic reconstruction of the Lower Cretaceous Caribbean island-arc. <i>Lithos</i> , 2010, 114, 168-185.	0.6	43
8	Structural development of a high-pressure collisional accretionary wedge: The Saman�i complex, Northern Hispaniola. <i>Journal of Structural Geology</i> , 2011, 33, 928-950.	1.0	42
9	From intra-oceanic subduction to arc accretion and arc-continent collision: Insights from the structural evolution of the R�o San Juan metamorphic complex, northern Hispaniola. <i>Journal of Structural Geology</i> , 2013, 46, 34-56.	1.0	42
10	Tectonometamorphic evolution of the Saman�i complex, northern Hispaniola: Implications for the burial and exhumation of high-pressure rocks in a collisional accretionary wedge. <i>Lithos</i> , 2011, 125, 190-210.	0.6	39
11	Origin and significance of the ophiolitic high-P m�langes in the northern Caribbean convergent margin: Insights from the geochemistry and large-scale structure of the R�o San Juan metamorphic complex. <i>Lithos</i> , 2011, 127, 483-504.	0.6	37
12	Plume mantle source heterogeneity through time: Insights from the Duarte Complex, Hispaniola, northeastern Caribbean. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	32
13	Timing of deformational events in the R�o San Juan complex: Implications for the tectonic controls on the exhumation of high-P rocks in the northern Caribbean subduction�accretionary prism. <i>Lithos</i> , 2013, 177, 416-435.	0.6	31
14	Geochemical constraints on the origin of the late Jurassic proto-Caribbean oceanic crust in Hispaniola. <i>International Journal of Earth Sciences</i> , 2009, 98, 407-425.	0.9	28
15	Subduction-related P�T path for eclogites and garnet glaucophanites from the Saman�i Peninsula basement complex, northern Hispaniola. <i>International Journal of Earth Sciences</i> , 2006, 95, 995-1017.	0.9	26
16	P�T path determinations in the Tormes Gneissic Dome, NW Iberian Massif, Spain. <i>Journal of Metamorphic Geology</i> , 1997, 15, 645-663.	1.6	26
17	Transpression and strain partitioning in the Caribbean Island-arc: Fabric development, kinematics and Ar ages of syntectonic emplacement of the Loma de Cabrera batholith, Dominican Republic. <i>Journal of Structural Geology</i> , 2006, 28, 1496-1519.	1.0	25
18	Contrasting exhumation P�T paths followed by high-P rocks in the northern Caribbean subduction�accretionary complex: Insights from the structural geology, microtextures and equilibrium assemblage diagrams. <i>Lithos</i> , 2013, 160-161, 117-144.	0.6	25

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19	Structural evolution and deformation kinematics of a subduction-related serpentinite-matrix mélange, Santa Elena peninsula, northwest Costa Rica. <i>Journal of Structural Geology</i> , 2014, 66, 356-381.	1.0	25
20	The basaltic volcanism of the Dumisseau Formation in the Sierra de Bahoruco, SW Dominican Republic: A record of the mantle plume-related magmatism of the Caribbean Large Igneous Province. <i>Lithos</i> , 2016, 254-255, 67-83.	0.6	21
21	Hornblende-bearing leucosome development during syn-orogenic crustal extension in the Tormes Gneiss Dome, NW Iberian Massif, Spain. <i>Lithos</i> , 1999, 46, 751-772.	0.6	20
22	Imaging low-velocity anomalies with the aid of seismic tomography. <i>Tectonophysics</i> , 2004, 388, 225-238.	0.9	20
23	3-D stochastic modeling and simulation of fault zones in the Albalá granitic pluton, SW Iberian Variscan Massif. <i>Journal of Structural Geology</i> , 2003, 25, 1487-1506.	1.0	17
24	Late Cretaceous radiolarian biochronology of the Pedro Brand section, Tiroo Group, eastern Central Cordillera, Dominican Republic: A contribution to the stratigraphy of the Caribbean Large Igneous Province. <i>Revue De Micropaleontologie</i> , 2015, 58, 85-106.	0.8	17
25	Architecture of fault zones determined from outcrop, cores, 3-D seismic tomography and geostatistical modeling: example from the Albalá Granitic Pluton, SW Iberian Variscan Massif. <i>Tectonophysics</i> , 2003, 361, 97-120.	0.9	16
26	Subduction of fore-arc crust beneath an intra-oceanic arc: The high-P Cuaba mafic gneisses and amphibolites of the Rio San Juan Complex, Dominican Republic. <i>Lithos</i> , 2016, 262, 298-319.	0.6	15
27	Relationships between structural units in the Tormes gneiss dome (NW Iberian massif, Spain): geometry, structure and kinematics of contractional and extensional Variscan deformation. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1998, 87, 165-179.	1.3	14
28	Compositional diversity in peridotites as result of a multi-process history: The Pacific-derived Santa Elena ophiolite, northwest Costa Rica. <i>Lithos</i> , 2015, 231, 16-34.	0.6	14
29	Ophiolite hosted chromitite formed by supra-subduction zone peridotite-plume interaction. <i>Geoscience Frontiers</i> , 2020, 11, 2083-2102.	4.3	11
30	One- and two-dimensional thermal modelling of orogenic crustal extension in the Tormes Gneissic Dome, NW Iberian Massif, Spain. <i>International Journal of Earth Sciences</i> , 1999, 88, 444-457.	0.9	9
31	Characterization of a fractured granitic pluton: P- and S-waves' seismic tomography and uncertainty analysis. <i>Tectonophysics</i> , 2006, 422, 99-114.	0.9	9
32	The Imbert Formation of northern Hispaniola: a tectono-sedimentary record of arc-continent collision and ophiolite emplacement in the northern Caribbean subduction-accretionary prism. <i>Solid Earth</i> , 2016, 7, 11-36.	1.2	9
33	Origin and geodynamic significance of the Siuna Serpentinite Mélange, Northeast Nicaragua: Insights from the large-scale structure, petrology and geochemistry of the ultramafic blocks. <i>Lithos</i> , 2019, 340-341, 1-19.	0.6	9
34	Geological, geophysical and geochemical structure of a fault zone developed in granitic rocks: Implications for fault zone modeling in 3-D. <i>International Journal of Earth Sciences</i> , 2004, 93, 172-188.	0.9	8
35	Sedimentary Record of Arc-Continent Collision Along Mesozoic SW North America (Siuna Belt,)	1.3	8
36	Quaternary deformation and uplift of coral reef terraces produced by oblique subduction and underthrusting of the Bahama Platform below the northern Hispaniola forearc. <i>Tectonophysics</i> , 2020, 796, 228631.	0.9	7

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37	Neotectonic structures and stress fields associated with oblique collision and forearc sliver formation in northern Hispaniola: Implications for the seismic hazard assessment. <i>Tectonophysics</i> , 2020, 784, 228452.	0.9	7
38	Structural and temporal relationships between volcanic activity, hydrothermal alteration, epithermal Ag-Pb-Zn mineralization and regional stress regime in the Quevar Volcanic Complex (Puna) Tj ETQ400 0 rgBT /Overlock	0.0	0
39	Exhumation of high-P marbles of the Samaná Terrane (Northern Hispaniola): Insights from paleostress and microstructural imprints. <i>Tectonophysics</i> , 2016, 686, 116-131.	0.9	3
40	The San Marcos málange, cordillera septentrional of the Dominican Republic. Nature, origin and age.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 633-656.	0.0	3
41	High resolution magnetic, regional gravity and petrophysical characterization of the Dominican Republic tectonic domains with special focus on the Central Cordillera.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 611-632.	0.0	3
42	Reconstructing the Crustal Section of the Intra-Oceanic Caribbean Island Arc: Constraints From the Cumulate Layered Gabbro-norites and Pyroxenites of the Rio Boba Plutonic Sequence, Northern Dominican Republic. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	3
43	Magnetic Characterisation of the Tectonic Domains in the Central Cordillera, Dominican Republic. , 2007, , .		0
44	Geometry, kinematics, paleostress analysis and tectonic model of the extensional fault system deforming the Plio-Pleistocene reefal limestone in southeastern Dominican Republic.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 695-714.	0.0	0
45	The basaltic volcanism of the Dumisseau Formation in the Sierra de Bahoruco, SW Dominican Republic: a record of the mantle plume magmatism of the Caribbean Large Igneous Province.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 541-568.	0.0	0
46	Relict cataclasis in the high-pressure marbles of the Samaná complex, Northeast Dominican Republic.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 569-586.	0.0	0
47	Paleostress evolution during the exhumation of high-p marbles, Samaná Complex, northern Hispaniola.. <i>Boletín Geológico Y Minero</i> , 2017, 128, 587-610.	0.0	0