

Dominique Chardon

List of Publications by Year in descending order

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47
papers

2,725
citations

186265
28
h-index

214800
47
g-index

48
all docs

48
docs citations

48
times ranked

1855
citing authors

#	ARTICLE	IF	CITATIONS
1	The lower crust of the Dharwar Craton, Southern India: Patchwork of Archean granulitic domains. <i>Precambrian Research</i> , 2013, 227, 4-28.	2.7	237
2	Flow of ultra-hot orogens: A view from the Precambrian, clues for the Phanerozoic. <i>Tectonophysics</i> , 2009, 477, 105-118.	2.2	214
3	Archean granite-greenstone tectonics at Kolar (South India): Interplay of diapirism and bulk inhomogeneous contraction during juvenile magmatic accretion. <i>Tectonics</i> , 2002, 21, 7-1-7-17.	2.8	197
4	Lateral constrictional flow of hot orogenic crust: Insights from the Neoproterozoic of south India, geological and geophysical implications for orogenic plateaux. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	173
5	Precambrian continental strain and shear zone patterns: South Indian case. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	169
6	Strain patterns in Archean dome-and-basin structures: The Dharwar craton (Karnataka, South India). <i>Earth and Planetary Science Letters</i> , 1995, 135, 57-75.	4.4	154
7	Sinking of the Dharwar Basin (South India): implications for Archean tectonics. <i>Precambrian Research</i> , 1998, 91, 15-39.	2.7	137
8	Strain patterns, décollement and incipient sagducted greenstone terrains in the Archean Dharwar craton (south India). <i>Journal of Structural Geology</i> , 1996, 18, 991-1004.	2.3	136
9	Late Cenozoic partitioning of oblique plate convergence in the Zagros fold-and-thrust belt (Iran). <i>Tectonics</i> , 2006, 25, n/a-n/a.	2.8	109
10	Three-dimensional field perspective on deformation, flow, and growth of the lower continental crust (Dharwar craton, India). <i>Tectonics</i> , 2008, 27, .	2.8	85
11	Large-scale transpressive shear zone patterns and displacements within magmatic arcs: The Coast Plutonic Complex, British Columbia. <i>Tectonics</i> , 1999, 18, 278-292.	2.8	65
12	Modes, tempo, and spatial variability of Cenozoic cratonic denudation: The West African example. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1590-1608.	2.5	65
13	Kinematics and tectonic significance of transpressive structures within the Coast Plutonic Complex, British Columbia. <i>Journal of Structural Geology</i> , 1999, 21, 229-243.	2.3	59
14	Role of the Kazerun fault system in active deformation of the Zagros fold-and-thrust belt (Iran). <i>Comptes Rendus - Geoscience</i> , 2005, 337, 539-545.	1.2	57
15	West African lateritic pediments: Landform-regolith evolution processes and mineral exploration pitfalls. <i>Earth-Science Reviews</i> , 2018, 179, 124-146.	9.1	57
16	Quaternary slip-rates of the Kazerun and the Main Recent Faults: active strike-slip partitioning in the Zagros fold-and-thrust belt. <i>Geophysical Journal International</i> , 2009, 178, 524-540.	2.4	56
17	Long-term tropical morphogenesis of New Caledonia (Southwest Pacific): Importance of positive epeirogeny and climate change. <i>Geomorphology</i> , 2006, 81, 361-375.	2.6	55
18	Structure, paleogeographic inheritance, and deformation history of the southern Atlas foreland fold and thrust belt of Tunisia. <i>Tectonics</i> , 2011, 30, .	2.8	52

#	ARTICLE	IF	CITATIONS
19	Cenozoic lateritic weathering and erosion history of Peninsular India from $^{40}\text{Ar}/^{39}\text{Ar}$ dating of supergene Mn oxides. <i>Chemical Geology</i> , 2016, 446, 33-53.	3.3	46
20	Geological boundary conditions of the 1909 Lambesc (Provence, France) earthquake : structure and evolution of the Trelvaresse ridge anticline. <i>Bulletin - Societie Geologique De France</i> , 2003, 174, 497-510.	2.2	43
21	Planation, bauxites and epeirogeny: One or two paleosurfaces on the West African margin?. <i>Geomorphology</i> , 2006, 82, 273-282.	2.6	42
22	Morphotectonic evolution of the New Caledonia ridge (Pacific Southwest) from post-obduction tectonosedimentary record. <i>Tectonophysics</i> , 2006, 420, 473-491.	2.2	42
23	First $^{40}\text{Ar}/^{39}\text{Ar}$ dating of intense Late Palaeogene lateritic weathering in Peninsular India. <i>Earth and Planetary Science Letters</i> , 2014, 386, 126-137.	4.4	41
24	Active oblique ramp faulting in the Southern Tunisian Atlas. <i>Tectonophysics</i> , 2011, 499, 178-189.	2.2	38
25	First paleoseismological constraints on the strongest earthquake in France (Provence) in the twentieth century. <i>Geology</i> , 2005, 33, 901.	4.4	37
26	Vertical strain partitioning in hot Variscan crust: Syn-convergence escape of the Pyrenees in the Iberian-Armorican syntax. <i>Bulletin - Societie Geologique De France</i> , 2017, 188, 39.	2.2	37
27	Very long-term stability of passive margin escarpment constrained by $^{40}\text{Ar}/^{39}\text{Ar}$ dating of K-Mn oxides. <i>Geology</i> , 2016, 44, 299-302.	4.4	33
28	Stabilization of large drainage basins over geological time scales: Cenozoic West Africa, hot spot swell growth, and the Niger River. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1164-1181.	2.5	30
29	Cenozoic sediment budget of West Africa and the Niger delta. <i>Basin Research</i> , 2018, 30, 169-186.	2.7	27
30	Very long-term incision dynamics of big rivers. <i>Earth and Planetary Science Letters</i> , 2014, 405, 74-84.	4.4	26
31	Strain partitioning and batholith emplacement at the root of a transpressive magmatic arc. <i>Journal of Structural Geology</i> , 2003, 25, 91-107.	2.3	24
32	Neogene cratonic erosion fluxes and landform evolution processes from regional regolith mapping (Burkina Faso, West Africa). <i>Geomorphology</i> , 2015, 241, 315-330.	2.6	22
33	Neogene history of the northeastern New Caledonia continental margin from multichannel reflection seismic profiles. <i>Comptes Rendus - Geoscience</i> , 2008, 340, 68-73.	1.2	17
34	Eburnean deformation pattern of Burkina Faso and the tectonic significance of shear zones in the West African craton. <i>Bulletin - Societie Geologique De France</i> , 2020, 191, 2.	2.2	17
35	Paleogeographic and structural evolution of northwestern Africa and its Atlantic margins since the early Mesozoic. , 0, , GES01426.1.		16
36	Cartographie et cinématique post-oligocène des failles d'Aix et de la moyenne Durance (Provence, France). <i>Comptes Rendus - Geoscience</i> , 2005, 337, 375-384.	1.2	14

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37	Application of Lu-Hf garnet dating to unravel the relationships between deformation, metamorphism and plutonism: An example from the Prince Rupert area, British Columbia. <i>Tectonophysics</i> , 2010, 485, 62-77.	2.2	13
38	Post-rift stratigraphic architectures along the African margin of the Equatorial Atlantic: Part I the influence of extension obliquity. <i>Tectonophysics</i> , 2019, 753, 49-62.	2.2	12
39	Synconvergence flow inside and at the margin of orogenic plateaus: Lithospheric-scale experimental approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6634-6657.	3.4	11
40	Strike-slip metamorphic core complexes: Gneiss domes emplaced in releasing bends. <i>Geology</i> , 2017, 45, 903-906.	4.4	11
41	Multi-scale strainfield analysis using geostatistics: Investigating the rheological behavior of the hot Variscan crust of the Pyrenees (Axial Zone). <i>Journal of Structural Geology</i> , 2018, 116, 114-130.	2.3	11
42	Superimposed Rifting at the Junction of the Central and Equatorial Atlantic: Formation of the Passive Margin of the Guiana Shield. <i>Tectonics</i> , 2021, 40, e2020TC006159.	2.8	10
43	Long-term evolution of the West African transform margin: estimates of denudation from Benin using apatite thermochronology. <i>Journal of the Geological Society</i> , 2019, 176, 97-114.	2.1	9
44	Reappraisal of Variscan tectonics in the southern French Massif Central. <i>Tectonophysics</i> , 2020, 787, 228477.	2.2	9
45	Landform-regolith mapping in the West African context. <i>Ore Geology Reviews</i> , 2020, 126, 103782.	2.7	5
46	Paleoproterozoic collision tectonics in West Africa: Insights into the geodynamics of continental growth. <i>Precambrian Research</i> , 2022, 376, 106692.	2.7	3
47	Réponse au commentaire de M. Mattauer à l'article : Cadre géologique du séisme de Lambesc du 11 juin 1909 (Provence, France) : structure et évolution de l'anticlinal de la Trévaresse. <i>Bulletin - Société Géologique De France</i> , 2005, 176, 122-123.	2.2	1