

# HervÃ© Diot

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

659  
citations

516710

16  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape fabrics of particles in low concentration suspensions: 2D analogue experiments and application to tilting in magma. <i>Journal of Structural Geology</i> , 1996, 18, 941-950.	2.3	82
2	Calcic amphibole growth and compositions in calc-alkaline magmas: Evidence from the Motru Dike Swarm (Southern Carpathians, Romania). <i>American Mineralogist</i> , 2006, 91, 73-81.	1.9	67
3	Asymmetrical to symmetrical magnetic fabric of dikes: Paleo-flow orientations and Paleo-stresses recorded on feeder-bodies from the Motru Dike Swarm (Romania). <i>Journal of Structural Geology</i> , 2004, 26, 1401-1418.	2.3	58
4	The Tachakouchtâ€“Iriiâ€“Tourtit arc complex (Moroccan Anti-Atlas): Neoproterozoic records of polyphased subduction-accretion dynamics during the Pan-African orogeny. <i>Journal of Geodynamics</i> , 2016, 96, 81-103.	1.6	50
5	Emplacement conditions of igneous dikes in Ethiopian Traps. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 178, 683-692.	2.1	45
6	Magnetic fabric and deformation in charnockitic igneous rocks of the Bjerkreimâ€“Sokndal layered intrusion (Rogaland, Southwest Norway). <i>Journal of Structural Geology</i> , 2000, 22, 647-667.	2.3	32
7	The Tellnes ilmenite deposit (Rogaland, South Norway): magnetic and petrofabric evidence for emplacement of a Ti-enriched noritic crystal mush in a fracture zone. <i>Journal of Structural Geology</i> , 2003, 25, 481-501.	2.3	32
8	Petrogenesis of Archean PGM-bearing chromitites and associated ultramaficâ€“maficâ€“anorthositic rocks from the Guelb el Azib layered complex (West African craton, Mauritania). <i>Precambrian Research</i> , 2013, 224, 612-628.	2.7	27
9	Flowage differentiation in an andesitic dyke of the Motru Dyke Swarm (Southern Carpathians,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i> <i>Research</i> , 2006, 154, 201-221.	2.1	26
10	Petrology, geochemistry and Sm-Nd analyses on the Balkan-Carpathian Ophiolite (BCO â€“ Romania,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> domain. <i>Journal of Geodynamics</i> , 2017, 105, 27-50.	1.6	25
11	Wagnerite in a cordierite-gedrite gneiss: Witness of long-term fluid-rock interaction in the continental crust (Ile d'Yeu, Armorican Massif, France). <i>American Mineralogist</i> , 2008, 93, 315-326.	1.9	23
12	Analogue and numerical modelling of shape fabrics: application to strain and flow determination in magmas. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2000, 91, 97-109.	0.3	21
13	Magnetic fabrics in the Holum granite (Vest-Agder, southernmost Norway): implications for the late evolution of the Sveconorwegian (Grenvillian) orogen of SW Scandinavia. <i>Precambrian Research</i> , 2003, 121, 221-249.	2.7	20
14	Relationship between a syntectonic granitic intrusion and a shear zone in the Southern Carpathian-Balkan area (AlmÅfj Mountains, Romania): Implications for late Variscan kinematics and Cherbelezu granitoid emplacement. <i>Journal of Structural Geology</i> , 2012, 39, 83-102.	2.3	20
15	Lava flow internal structure found from AMS and textural data: An example in methodology from the ChaÃ©ne des Puys, France. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 1092-1104.	2.1	18
16	The Farsund intrusion (SW Norway): A marker of late-Sveconorwegian (Grenvillian) tectonism emplaced along a newly defined major shear zone. <i>Journal of Structural Geology</i> , 2010, 32, 1500-1518.	2.3	17
17	From granitoid to kyanite-bearing micaschist during fluid-assisted shearing (Ile dâ€™Yeu, France). <i>International Journal of Earth Sciences</i> , 2006, 95, 2-18.	1.8	16
18	Magnetic and shape fabrics of magnetite in simple shear flows. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 249, 25-38.	2.1	15

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19	Pluton construction and deformation in the Sveconorwegian crust of SW Norway: Magnetic fabric and U-Pb geochronology of the Kleivan and Sjelset granitic complexes. <i>Precambrian Research</i> , 2018, 305, 247-267.	2.7	14
20	Anisotropy of magnetic susceptibility versus lattice- and shape-preferred orientation in the Lac Tio hemo-ilmenite ore body (Grenville province, Quebec). <i>Tectonophysics</i> , 2014, 629, 87-108.	2.2	10
21	Nature and significance of a Cambro-Ordovician high-K, calc-alkaline sub-volcanic suite: the late- to post-orogenic Motru Dyke Swarm (Southern Carpathians, Romania). <i>International Journal of Earth Sciences</i> , 2008, 97, 479-496.	1.8	8
22	Magma flow and feeder chamber location inferred from magnetic fabrics in jotunitic dykes (Rogaland) Tj ETQq0 0 0,rgBT /Overlock 10 T	2.2	8
23	Deformation-driven Differentiation during in situ Crystallization of the 2Â·7â€‰Ga Igulid Mafic Intrusion (West African Craton, Mauritania). <i>Journal of Petrology</i> , 2017, 58, 819-840.	2.8	8
24	New insights into the building of the Variscan Belt in Eastern Europe (Romania, Serbia, Bulgaria). <i>Geological Society Special Publication</i> , 2019, 478, 389-426.	1.3	8
25	Asymmetrical magnetic fabrics in the Egersund doleritic dike swarm (SW Norway) reveal sinistral oblique rifting before the opening of the Iapetus. <i>Journal of Structural Geology</i> , 2016, 85, 18-39.	2.3	6
26	Formation of the Nkob talc deposit by contact metamorphism and fluid infiltration into siliceous dolostones (Moroccan Anti-Atlas). <i>Ore Geology Reviews</i> , 2022, 140, 104629.	2.7	1