

Erwan Hallot

List of Publications by Year in descending order

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32
papers

1,521
citations

304743

22
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

1566
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of vegetable oil and silica powder for scale modelling of magmatic intrusion in a deforming brittle crust. <i>Earth and Planetary Science Letters</i> , 2006, 243, 786-804.	4.4	125
2	Geochemical Study of Ultramafic Volcanic and Plutonic Rocks from Gorgona Island, Colombia: the Plumbing System of an Oceanic Plateau. <i>Journal of Petrology</i> , 2000, 41, 1127-1153.	2.8	119
3	Tectonics and magma dynamics coupling in a dyke swarm of Iceland. <i>Journal of Structural Geology</i> , 2007, 29, 1477-1493.	2.3	110
4	Volcanism in a compressional Andean setting: A structural and geochronological study of Tromen volcano (Neuqu�n province, Argentina). <i>Tectonics</i> , 2007, 26, .	2.8	100
5	Rise and emplacement of magma during horizontal shortening of the brittle crust: Insights from experimental modeling. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	86
6	Tectono-magmatic rejuvenation of the Qaidam craton, northern Tibet. <i>Gondwana Research</i> , 2017, 49, 248-263.	6.0	82
7	Dynamics of dikes versus cone sheets in volcanic systems. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 6178-6192.	3.4	77
8	A Complex History for the Caribbean Plateau: Petrology, Geochemistry, and Geochronology of the Beata Ridge, South Hispaniola. <i>Journal of Geology</i> , 2000, 108, 641-661.	1.4	75
9	Physical models of magmatic intrusion during thrusting. <i>Terra Nova</i> , 2003, 15, 405-409.	2.1	65
10	Analog experimental insights into the formation of magmatic sulfide deposits. <i>Earth and Planetary Science Letters</i> , 2001, 186, 371-381.	4.4	63
11	Kinematics of long-lasting Paleoproterozoic transpression within the Thompson Nickel Belt, Manitoba, Canada. <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	60
12	Inclination shallowing in Eocene Linzizong sedimentary rocks from Southern Tibet: correction, possible causes and implications for reconstructing the India�Asia collision. <i>Geophysical Journal International</i> , 2013, 194, 1390-1411.	2.4	59
13	Petrogenesis of picrites from the Caribbean Plateau and the North Atlantic magmatic province. <i>Lithos</i> , 1999, 49, 1-21.	1.4	52
14	Dating the exhumation of a metamorphic dome: geological evidence for pre-Eocene unroofing of the Nigde Massif (Central Anatolia, Turkey). <i>Geological Magazine</i> , 2002, 139, .	1.5	48
15	Using volcanoclastic rocks to constrain sedimentation ages: To what extent are volcanism and sedimentation synchronous?. <i>Sedimentary Geology</i> , 2019, 381, 46-64.	2.1	44
16	The volcanoclastic series from the Luang Prabang Basin, Laos: A witness of a triassic magmatic arc?. <i>Journal of Asian Earth Sciences</i> , 2016, 120, 159-183.	2.3	43
17	Coeval extensional shearing and lateral underflow during Late Cretaceous core complex development in the Ni�de Massif, Central Anatolia, Turkey. <i>Tectonics</i> , 2008, 27, .	2.8	38
18	The Indosinian orogeny: A perspective from sedimentary archives of north Vietnam. <i>Journal of Asian Earth Sciences</i> , 2018, 158, 352-380.	2.3	36

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19	Dynamics of Surface Deformation Induced by Dikes and Cone Sheets in a Cohesive Coulomb Brittle Crust. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8511-8524.	3.4	35
20	Non-Newtonian effects during injection in partially crystallised magmas. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 71, 31-44.	2.1	31
21	The mafic-silicic layered intrusions of Saint-Jean-du-Doigt (France) and North-Guernsey (Channel). <i>Lithos</i> , 2011, 125, 675-692.	1.4	24
22	Rifting above a mantle plume: structure and development of the Iceland Plateau. <i>Geodinamica Acta</i> , 2005, 18, 59-80.	2.2	22
23	Title is missing!. <i>Marine Geophysical Researches</i> , 2001, 22, 17-45.	1.2	20
24	Late Triassic volcanic activity in South-East Asia: New stratigraphical, geochronological and paleontological evidence from the Luang Prabang Basin (Laos). <i>Journal of Asian Earth Sciences</i> , 2013, 70-71, 8-26.	2.3	19
25	Sedimentology and U-Pb dating of Carboniferous to Permian continental series of the northern Massif Central (France): Local palaeogeographic evolution and larger scale correlations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109228.	2.3	17
26	Chronology of transpression, magmatism, and sedimentation in the Thompson Nickel Belt (Manitoba, Canada). <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 295-324.	1.3	16
27	Experimental Constraints on Forecasting the Location of Volcanic Eruptions from Pre-eruptive Surface Deformation. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	14
28	Petrographical and geochemical characterization of Comblanchien limestone (Bourgogne, France): A fingerprint of the building stone provenance. <i>Comptes Rendus - Geoscience</i> , 2012, 344, 14-24.	1.2	12
29	New injection experiments in non-Newtonian fluids. <i>Terra Nova</i> , 1994, 6, 274-281.	2.1	11
30	The CuarÃ³ Mesozoic doleritic dyke swarm, southern ParanÃ¡ basin, Uruguay: Examples of superimposed magnetic fabrics?. <i>Comptes Rendus - Geoscience</i> , 2009, 341, 1003-1015.	1.2	8
31	Petrology and geochronology of the high-K calc-alkaline MÃ©sanger magmatism (Armorican massif, France). <i>Lithos</i> , 2011, 125, 467-477.	2.2	7
32	Fingerprinting the provenance of building stones: a case study on the LouvignÃ© and LanhÃ©lin granitic rocks (Armorican massif, France). <i>Bulletin - Societie Geologique De France</i> , 2014, 185, 13-31.	2.2	3