

Patrice Rey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3241906/publications.pdf>

Version: 2024-02-01

19
papers

789
citations

687220

13
h-index

794469

19
g-index

22
all docs

22
docs citations

22
times ranked

1026
citing authors

#	ARTICLE	IF	CITATIONS
1	Global warming of the mantle beneath continents back to the Archaean. <i>Gondwana Research</i> , 2009, 15, 254-266.	3.0	140
2	Lower crustal rejuvenation and growth during post-thickening collapse: Insights from a crustal cross section through a Variscan metamorphic core complex. <i>Geology</i> , 1995, 23, 905.	2.0	118
3	Eclogite-facies shear zones—deep crustal reflectors?. <i>Tectonophysics</i> , 1994, 232, 411-424.	0.9	93
4	Biological control of Cl/Br and low sulfate concentration in a 3.5-Gyr-old seawater from North Pole, Western Australia. <i>Earth and Planetary Science Letters</i> , 2004, 228, 451-463.	1.8	82
5	Seismic and tectono-metamorphic characters of the lower continental crust in Phanerozoic areas: A consequence of post-thickening extension. <i>Tectonics</i> , 1993, 12, 580-590.	1.3	71
6	Fragmentation of active continental plate margins owing to the buoyancy of the mantle wedge. <i>Nature Geoscience</i> , 2010, 3, 257-261.	5.4	55
7	Middle and Late Carboniferous extension In the Variscan Belt: structural and petrological evidences from the Vosges massif (Eastern France). <i>Geodinamica Acta</i> , 1992, 5, 17-36.	2.2	46
8	Opalisation of the Great Artesian Basin (central Australia): an Australian story with a Martian twist. <i>Australian Journal of Earth Sciences</i> , 2013, 60, 291-314.	0.4	44
9	Superimposed Neoproterozoic and Paleoproterozoic tectonics in the Terre Adélie Craton (East Antarctica). <i>Journal of Metamorphic Geology</i> , 2011, 29, 167, 316-338.	1.2	35
10	UWGeodynamics: A teaching and research tool for numerical geodynamic modelling. <i>Journal of Open Source Software</i> , 2019, 4, 1136.	2.0	24
11	Composition and origin of fluids associated with lode gold deposits in a Mesoarchean greenstone belt (Warrawoona Syncline, Pilbara Craton, Western Australia) using synchrotron radiation X-ray fluorescence. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 485-503.	1.2	20
12	Statistical petrology reveals a link between supercontinents cycle and mantle global climate. <i>American Mineralogist</i> , 2016, 101, 2768-2773.	0.9	20
13	Protracted fluid-rock interaction in the Mesoarchean and implication for gold mineralization: Example from the Warrawoona syncline (Pilbara, Western Australia). <i>Earth and Planetary Science Letters</i> , 2008, 272, 639-655.	1.8	16
14	Mapping landscape connectivity as a driver of species richness under tectonic and climatic forcing. <i>Earth Surface Dynamics</i> , 2019, 7, 895-910.	1.0	11
15	A deep subaqueous fan depositional model for the Palaeoarchean (3.46 Ga) Marble Bar Cherts, Warrawoona Group, Western Australia. <i>Geological Magazine</i> , 2012, 149, 743-749.	0.9	6
16	The nature and origin of pigments in black opal from Lightning Ridge, New South Wales, Australia. <i>Australian Journal of Earth Sciences</i> , 2019, 66, 1027-1039.	0.4	4
17	Increasing the usability and accessibility of geodynamic modelling tools to the geoscience community: UnderworldGUI. <i>Visual Geosciences</i> , 2008, 13, 25-36.	0.5	2
18	bioLEC: A Python package to measure Landscape Elevational Connectivity. <i>Journal of Open Source Software</i> , 2019, 4, 1530.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Remarks on the age of precious opal in central Australia: reply to comment by Bruce Dickson. Australian Journal of Earth Sciences, 2013, 60, 835-838.	0.4	0