

Laura Federico

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3350831/publications.pdf>

Version: 2024-02-01

30
papers

776
citations

516710

16
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Ophiolite mélange zone records exhumation in a fossil subduction channel. <i>Geology</i> , 2007, 35, 499.	4.4	142
2	³⁹ Ar/ ⁴⁰ Ar dating of high-pressure rocks from the Ligurian Alps: Evidence for a continuous subduction–exhumation cycle. <i>Earth and Planetary Science Letters</i> , 2005, 240, 668-680.	4.4	74
3	The Ross orogeny of the transantarctic mountains: a northern Victoria Land perspective. <i>International Journal of Earth Sciences</i> , 2006, 95, 759-770.	1.8	52
4	Exhumation of alpine high-pressure rocks: insights from petrology of eclogite clasts in the Tertiary Piedmontese basin (Ligurian Alps, Italy). <i>Lithos</i> , 2004, 74, 21-40.	1.4	49
5	The exhumation of high pressure ophiolites (Voltri Massif, Western Alps): Insights from structural and petrologic data on metagabbro bodies. <i>Tectonophysics</i> , 2012, 568-569, 102-123.	2.2	48
6	Intermediate-depth brecciation along the subduction plate interface (Monviso eclogite, W. Alps). <i>Lithos</i> , 2018, 320-321, 378-402.	1.4	42
7	The Cambrian Ross Orogeny in northern Victoria Land (Antarctica) and New Zealand: A synthesis. <i>Gondwana Research</i> , 2009, 15, 188-196.	6.0	41
8	Oblique subduction modelling indicates along-trench tectonic transport of sediments. <i>Nature Communications</i> , 2013, 4, 2456.	12.8	35
9	Late Alpine tectonics in the Ligurian Alps: constraints from the Tertiary Piedmont Basin conglomerates. <i>Geological Journal</i> , 2009, 44, 211-224.	1.3	30
10	Geology of the Eastern Ligurian Alps: a review of the tectonic units. <i>Italian Journal of Geosciences</i> , 2016, 135, 157-169.	0.8	27
11	Unravelling polyphase brittle tectonics through multi-software fault-slip analysis: The case of the Voltri Unit, Western Alps (Italy). <i>Journal of Structural Geology</i> , 2014, 68, 175-193.	2.3	26
12	Intraoceanic subduction of heterogeneous oceanic lithosphere in narrow basins: 2D numerical modeling. <i>Lithos</i> , 2012, 140-141, 234-251.	1.4	24
13	Fault-slip analysis and transpressional tectonics: A study of Paleozoic structures in northern Victoria Land, Antarctica. <i>Journal of Structural Geology</i> , 2010, 32, 667-684.	2.3	23
14	Different PT paths recorded in a tectonic mélange (Voltri Massif, NW Italy): implications for the exhumation of HP rocks. <i>Geodinamica Acta</i> , 2007, 20, 3-19.	2.2	20
15	Fault-slip analysis in the metaophiolites of the Voltri Massif: constraints for the tectonic evolution at the Alps/Apennine boundary. <i>Geological Journal</i> , 2009, 44, 225-240.	1.3	19
16	The Dorn gold deposit in northern Victoria Land, Antarctica: Structure, hydrothermal alteration, and implications for the Gondwana Pacific margin. <i>Gondwana Research</i> , 2011, 19, 128-140.	6.0	17
17	Fluid Pulses During Stepwise Brecciation at Intermediate Subduction Depths (Monviso Eclogites, W. Alps). <i>Tectonophysics</i> , 2018, 710, 5285-5318.	2.5	15
18	Structure of the Millen Schist Belt (Antarctica): Clues for the tectonics of northern Victoria Land along the paleo-Pacific margin of Gondwana. <i>Tectonics</i> , 2014, 33, 420-440.	2.8	14

#	ARTICLE	IF	CITATIONS
19	Geology of the southern Monviso metaophiolite complex (W-Alps, Italy). Journal of Maps, 2019, 15, 283-297.	2.0	14
20	Geology of the Pontinvrea area (Ligurian Alps, Italy): structural setting of the contact between Montenotte and Voltri units. Journal of Maps, 2015, 11, 101-113.	2.0	11
21	Fluid-controlled deformation in blueschist-facies conditions: plastic vs brittle behaviour in a brecciated mylonite (Voltri Massif, Western Alps, Italy). Geological Magazine, 2018, 155, 335-355.	1.5	11
22	Interplate deformation at early-stage oblique subduction: 3D thermomechanical numerical modeling. Tectonics, 2016, 35, 1610-1625.	2.8	9
23	Exhumation dynamics of high-pressure metamorphic rocks from the Voltri Unit, Western Alps: constraints from phengite Rb-Sr geochronology. Contributions To Mineralogy and Petrology, 2021, 176, 1.	3.1	9
24	Microstructures of epidote-prehnite bearing damaged granitoids (northern Victoria Land, Antarctica). Journal of Structural Geology, 2021, 147, 104350.	2.3	8
25	Stratigraphic vs structural contacts in a late orogenic basin: the case of the Tertiary Piedmont Basin in the Sassello area (Ligurian Alps, Italy). Journal of Maps, 2016, 12, 959-967.	2.0	5
26	A mountain slope deformation in an alpine metaophiolitic massif (Ligurian Alps, Italy). Journal of Maps, 2021, 17, 77-89.	2.0	4
27	Paleo-depth of fossil faults estimated from paleostress state: Applications from the Alps and the Apennines (Italy). Journal of Structural Geology, 2020, 140, 104152.	2.3	3
28	Multiple Reactivations of the Rennick Graben Fault System (Northern Victoria Land, Antarctica): New Evidence From Paleostress Analysis. Tectonics, 2022, 41, .	2.8	3
29	Late orogenic tectonics in the Ligurian Alps (Italy): constraints from syntectonic sedimentary deposits at the top of an exhumed plate interface. Journal of Maps, 2022, 18, 178-189.	2.0	1
30	New Interpretation of Lemeglio Coastal Landslide (Liguria, Italy) Based on Field Survey and Integrated Monitoring Activities. , 2015, , 227-231.		0