

Fabrizio Berra

List of Publications by Year in descending order

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56
papers

2,065
citations

279798

23
h-index

243625

44
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all docs

56
docs citations

56
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Opening of the Neo-Tethys Ocean and the Pangea B to Pangea A transformation during the Permian. <i>Geotectonics</i> , 2009, 14, 17-48.	1.6	249
2	Inversion tectonics in central Alborz, Iran. <i>Journal of Structural Geology</i> , 2006, 28, 2023-2037.	2.3	185
3	The Eo-Cimmerian (Late? Triassic) orogeny in North Iran. <i>Geological Society Special Publication</i> , 2009, 312, 31-55.	1.3	134
4	Syn depositional tectonics recorded by soft-sediment deformation and liquefaction structures (continental Lower Permian sediments, Southern Alps, Northern Italy): Stratigraphic significance. <i>Sedimentary Geology</i> , 2011, 235, 249-263.	2.1	118
5	The Tethys Himalayan passive margin from Late Triassic to Early Cretaceous (South Tibet). <i>Journal of Asian Earth Sciences</i> , 1998, 16, 173-194.	2.3	111
6	The record of the Late Palaeozoic active margin of the Palaeotethys in NE Iran: Constraints on the Cimmerian orogeny. <i>Gondwana Research</i> , 2013, 24, 1237-1266.	6.0	96
7	The drift history of Iran from the Ordovician to the Triassic. <i>Geological Society Special Publication</i> , 2009, 312, 7-29.	1.3	94
8	Environmental control on the end of the Dolomia Principale/Hauptdolomit depositional system in the central Alps: Coupling sea-level and climate changes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 290, 138-150.	2.3	70
9	From rift to drift in South Pamir (Tajikistan): Permian evolution of a Cimmerian terrane. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 146-169.	2.3	68
10	The Cimmerian evolution of the Naxos-Anarak area, Central Iran, and its bearing for the reconstruction of the history of the Eurasian margin. <i>Geological Society Special Publication</i> , 2009, 312, 261-286.	1.3	66
11	Neogene block rotation in central Iran: Evidence from paleomagnetic data. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 943-956.	3.3	63
12	The Evolution of the Tethys Region throughout the Phanerozoic: A Brief Tectonic Reconstruction. , O, , .		44
13	The Cimmerian accretionary wedge of Anarak, Central Iran. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 45-72.	2.3	44
14	Stratigraphic evolution of the Triassic-Jurassic succession in the Western Southern Alps (Italy): the record of the two-stage rifting on the distal passive margin of Adria. <i>Basin Research</i> , 2009, 21, 335-353.	2.7	43
15	Subsidence history from a backstripping analysis of the Permian-Mesozoic succession of the Central Southern Alps (Northern Italy). <i>Basin Research</i> , 2010, 22, 952-975.	2.7	43
16	Crustal-scale fluid circulation and co-seismic shallow comb-veining along the longest normal fault of the central Apennines, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 498, 152-168.	4.4	43
17	Origin and role of fluids involved in the seismic cycle of extensional faults in carbonate rocks. <i>Earth and Planetary Science Letters</i> , 2016, 450, 292-305.	4.4	42
18	Sea-level fall, carbonate production, rainy days: How do they relate? Insight from Triassic carbonate platforms (Western Tethys, Southern Alps, Italy). <i>Geology</i> , 2012, 40, 271-274.	4.4	39

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19	Architecture and evolution of an extensionally-inverted thrust (Mt. Tancia Thrust, Central) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Structural Geology, 2020, 136, 104059.	2.3	36
20	Norian serpulid and microbial bioconstructions: Implication for the platform evolution in the Lombardy Basin (Southern Alps, Italy). Facies, 1996, 35, 143-162.	1.4	31
21	Polyphase thrusting and dyke emplacement in the central Southern Alps (Northern Italy). International Journal of Earth Sciences, 2011, 100, 1095-1113.	1.8	31
22	Uâ€Pb zircon geochronology of volcanic deposits from the Permian basin of the Orobic Alps (Southern Alps, Lombardy): chronostratigraphic and geological implications. Geological Magazine, 2015, 152, 429-443.	1.5	31
23	Strontium Isotope Stratigraphy and the thermophilic fossil fauna from the middle Miocene of the East Pisco Basin (Peru). Journal of South American Earth Sciences, 2020, 97, 102399.	1.4	31
24	Origin of the Breno and Esino dolomites in the western Southern Alps (Italy): Implications for a volcanic influence. Marine and Petroleum Geology, 2016, 69, 38-52.	3.3	27
25	Late Cretaceous transgression on a Cimmerian high (Neka Valley, Eastern Alborz, Iran): A geodynamic event recorded by glauconitic sands. Sedimentary Geology, 2007, 199, 189-204.	2.1	23
26	Transition between terrestrial-submerged walking and swimming revealed by Early Permian amphibian trackways and a new proposal for the nomenclature of compound trace fossils. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 410, 278-289.	2.3	20
27	The upper Palaeozoic Godar-e-Siah Complex of Jandaq: Evidence and significance of a North Palaeotethyan succession in Central Iran. Journal of Asian Earth Sciences, 2017, 138, 272-290.	2.3	20
28	Sedimentation in shallow to deep water carbonate environments across a sequence boundary: effects of a fall in sea-level on the evolution of a carbonate system (Ladinian-Carnian, eastern Lombardy,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	20
29	Differential compaction and early rock fracturing in high-relief carbonate platforms: numerical modelling of a Triassic case study (Esino Limestone, Central Southern Alps, Italy). Basin Research, 2012, 24, 598-614.	2.7	19
30	Stratigraphic Architecture of a Transtensional Continental Basin In Low-Latitude Semiarid Conditions: The Permian Succession of the Central Orobic Basin (Southern Alps, Italy). Journal of Sedimentary Research, 2016, 86, 408-429.	1.6	18
31	Recovery of carbonate platform production in the Lombardy Basin during the Anisian: paleoecological significance and constrain on paleogeographic evolution. Facies, 2005, 50, 615-627.	1.4	17
32	The Triassic stratigraphic succession of Nakhlak (Central Iran), a record from an active margin. Geological Society Special Publication, 2009, 312, 287-321.	1.3	17
33	Compositional changes in sigmoidal carbonate clinofolds (Late Tithonian, eastern Sardinia, Italy): insights from quantitative microfacies analyses. Sedimentology, 2011, 58, 2039-2060.	3.1	16
34	Overview of high resolution seismic prospecting in pre-Alpine and Alpine basins. Quaternary International, 2009, 204, 65-75.	1.5	12
35	Anatomy of carbonate mounds from the Middle Anisian of Nakhlak (Central Iran): architecture and age of a subtidal microbial-bioclastic carbonate factory. Facies, 2012, 58, 685-705.	1.4	12
36	Forward modelling of carbonate platforms: Sedimentological and diagenetic constraints from an application to a flat-topped greenhouse platform (Triassic, Southern Alps, Italy). Marine and Petroleum Geology, 2016, 78, 636-655.	3.3	11

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37	Development of coral "sponge" microbialite reefs in a coated grain-dominated carbonate ramp (Upper Tj ETQq1 1 0.784314 rgBT /C	1.4	11
38	Abrupt environmental and climatic change during the deposition of the Early Permian Haushi limestone, Oman. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 270, 1-18.	2.3	10
39	Large-scale progradation, demise and rebirth of a high-relief carbonate platform (Triassic, Lombardy) Tj ETQq1 1 0.784314 rgBT /Over	2.1	10
40	Syn-thrust deformation across a transverse zone: the Grem "Vedra fault system (central Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	10
41	Stable-isotope and fluid inclusion constraints on the timing of diagenetic events in the dolomitized Dolomia Principale inner platform (Norian, Southern Alps of Italy). <i>Marine and Petroleum Geology</i> , 2020, 121, 104615.	3.3	10
42	Low-angle normal faults record Early Permian extensional tectonics in the Orobic Basin (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	10
43	I sistemi carbonatici giurassici della Sardegna orientale (Golfo di Orosei). <i>Geological Field Trips</i> , 2010, 2, 5-54.	0.5	9
44	Lower Permian brachiopods from Oman: their potential as climatic proxies. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2007, 98, 327-344.	0.3	8
45	Architecture and paleogeography of the Early Paleozoic carbonate systems in the east-central Tarim Basin (China): Constraints from seismic and well data. <i>Marine and Petroleum Geology</i> , 2020, 113, 104147.	3.3	7
46	Origin of dolomites in oolitic carbonates of the Middle Jurassic Dorgali Formation, eastern Sardinia, Italy: Petrographic and geochemical constraints. <i>Marine and Petroleum Geology</i> , 2022, 135, 105395.	3.3	7
47	Oncoids and groundwater calcrete in a continental siliciclastic succession in a fault-controlled basin (Early Permian, Northern Italy). <i>Facies</i> , 2019, 65, 1.	1.4	6
48	Cenozoic Dextral Shearing Along the Arusan Sector of the Great Kavir "Doruneh Fault System (Central Iran). <i>Tectonics</i> , 2021, 40, e2021TC006766.	2.8	5
49	Late Neogene "Quaternary evolution of the intermontane Clusone Basin (Southern Alps, Italy): integration of seismic and geological data. <i>Journal of Quaternary Science</i> , 2004, 19, 409-421.	2.1	4
50	Does compaction-induced subsidence control accommodation space at the top of prograding carbonate platforms? Constraints from the numerical modelling of the Triassic Esino Limestone (Southern Alps, Italy). <i>Marine and Petroleum Geology</i> , 2016, 78, 621-635.	3.3	3
51	<i>Encrinus aculeatus</i> von Meyer, 1849 (Crinoidea, Encrinidae) from the Middle Triassic of Val Brembana (Alpi Orobie, Bergamo, Italy). <i>Swiss Journal of Palaeontology</i> , 2018, 137, 211-224.	1.7	3
52	Resedimented limestones in fault-controlled basins (Zorzino Limestone, Southern Alps, Norian, Italy): Facies types and depositional model. <i>Sedimentary Geology</i> , 2022, 431, 106106.	2.1	3
53	Comments on "The Cenozoic fold-and-thrust belt of Eastern Sardinia: Evidences from the integration of field data with numerically balanced geological cross section" by Arragoni et al., 2016. <i>Tectonics</i> , 2017, 36, 182-187.	2.8	2
54	Geological evolution of the offshore Tunisia (Gabes Basin, Pelagian Domain) since the Cretaceous: Constraints from subsidence curves from hydrocarbon wells data. <i>Marine and Petroleum Geology</i> , 2018, 97, 94-104.	3.3	2

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55	3D geological modelling and education: teaching geological cross sections with a 3D modelling software to improve spatial thinking skills in geoscience students. Rendiconti Online Societa Geologica Italiana, 0, 30, 5-11.	0.3	2
56	3D reconstruction from surface data in complex geological settings: the example of a thrust stack in the Mesozoic cover of the Southern Alps (Italy). Geoinformatica, 0, , 1.	2.7	0