

Andrea Zanchi

List of Publications by Year in descending order

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45
papers

2,147
citations

304743

22
h-index

265206

42
g-index

54
all docs

54
docs citations

54
times ranked

2083
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	Simple-shearing block resurgence in caldera depressions. A model from Pantelleria and Ischia. <i>Journal of Volcanology and Geothermal Research</i> , 1991, 47, 1-11.	2.1	170
4	The Eo-Cimmerian (Late? Triassic) orogeny in North Iran. <i>Geological Society Special Publication</i> , 2009, 312, 31-55.	1.3	134
5	Onset and timing of deep-seated gravitational slope deformations in the eastern Alps, Italy. <i>Geomorphology</i> , 2009, 103, 113-129.	2.6	113
6	Age and isotopic constraints on magmatism along the Karakoram-Kohistan Suture Zone, NW Pakistan: evidence for subduction and continued convergence after India-Asia collision. <i>Swiss Journal of Geosciences</i> , 2007, 100, 85-107.	1.2	108
7	Tethyan oceanic currents and climate gradients 300 m.y. ago. <i>Geology</i> , 2007, 35, 1071.	4.4	102
8	3D reconstruction of complex geological bodies: Examples from the Alps. <i>Computers and Geosciences</i> , 2009, 35, 49-69.	4.2	95
9	The drift history of Iran from the Ordovician to the Triassic. <i>Geological Society Special Publication</i> , 2009, 312, 7-29.	1.3	94
10	The Cimmerian geopuzzle: new data from South Pamir. <i>Terra Nova</i> , 2013, 25, 352-360.	2.1	94
11	Tectonic vs. gravitational morphostructures in the central Eastern Alps (Italy): Constraints on the recent evolution of the mountain range. <i>Tectonophysics</i> , 2009, 474, 250-270.	2.2	82
12	The Cimmerian evolution of the Nakhla-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
13	Seismotectonics of western Anatolia: Regional stress orientation from geophysical and geological data. <i>Tectonophysics</i> , 1993, 222, 259-274.	2.2	55
14	Oblique convergence during the Cimmerian collision: Evidence from the Triassic Aghdarband Basin, NE Iran. <i>Gondwana Research</i> , 2016, 38, 149-170.	6.0	55
15	The Shanderman eclogites: a Late Carboniferous high-pressure event in the NW Talesh Mountains (NW Tj ETQq1 1,0,784314 rgBT /Ove	1.3	46
16	The Cimmerian accretionary wedge of Anarak, Central Iran. <i>Journal of Asian Earth Sciences</i> , 2015, 102, 45-72.	2.3	44
17	The opening of the Gulf of California near Loreto, Baja California, Mexico: from basin and range extension to transensional tectonics. <i>Journal of Structural Geology</i> , 1994, 16, 1619-1639.	2.3	43
18	Paleostress analyses in NW Syria: constraints on the Cenozoic evolution of the northwestern margin of the Arabian plate. <i>Tectonophysics</i> , 2002, 357, 255-278.	2.2	40

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19	Cretaceous-Eocene compression in the central Southern Alps (N Italy) inferred from $^{40}\text{Ar}/^{39}\text{Ar}$ dating of pseudotachylytes along regional thrust faults. <i>Journal of Geodynamics</i> , 2011, 51, 245-263.	1.6	35
20	The Alps in the Cretaceous: a doubly vergent pre-collisional orogen. <i>Terra Nova</i> , 2012, 24, 351-356.	2.1	34
21	Polyphase thrusting and dyke emplacement in the central Southern Alps (Northern Italy). <i>International Journal of Earth Sciences</i> , 2011, 100, 1095-1113.	1.8	31
22	The Cerro Mencenares volcanic center, Baja California Sur: Source and tectonic control on postsubduction magmatism within the Gulf Rift. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 1108-1122.	3.3	26
23	Late Cretaceous transgression on a Cimmerian high (Neka Valley, Eastern Alborz, Iran): A geodynamic event recorded by glauconitic sands. <i>Sedimentary Geology</i> , 2007, 199, 189-204.	2.1	23
24	The upper Palaeozoic Godar-e-Siah Complex of Jandaq: Evidence and significance of a North Palaeotethyan succession in Central Iran. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 272-290.	2.3	20
25	Effects of tectonic structures and long-term seismicity on paraglacial giant slope deformations: Piz Dora (Switzerland). <i>Engineering Geology</i> , 2019, 263, 105353.	6.3	20
26	Imaging geology in 3D. <i>Computers and Geosciences</i> , 2009, 35, 1-3.	4.2	19
27	The Bashgumbaz Complex (Tajikistan): Arc obduction in the Cimmerian orogeny of the Pamir. <i>Gondwana Research</i> , 2018, 57, 170-190.	6.0	19
28	The last 40 ka evolution of the Central Po Plain between the Adda and Serio rivers. <i>Geomorphologie Relief, Processus, Environnement</i> , 2012, 18, 131-154.	0.4	19
29	The Triassic stratigraphic succession of Nakhhlak (Central Iran), a record from an active margin. <i>Geological Society Special Publication</i> , 2009, 312, 287-321.	1.3	17
30	Brachiopods from the Cisuralian-Guadalupian of Darvaz, Tajikistan and implications for Permian stratigraphic correlations. <i>Palaeoworld</i> , 2016, 25, 539-568.	1.1	15
31	Multistage structural evolution of Northern Karakorum (Hunza region, Pakistan). <i>Tectonophysics</i> , 1996, 260, 145-165.	2.2	11
32	Syn-thrust deformation across a transverse zone: the Grem-Vedra fault system (central Southern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	10
33	Evidence for deep subduction of Austroalpine crust (Texel Complex, NE Italy). <i>Rendiconti Lincei</i> , 2013, 24, 163-176.	2.2	10
34	Fault reactivation and propagation in the northern Adamello pluton: The structure and kinematics of a kilometre-scale seismogenic source. <i>Tectonophysics</i> , 2021, 806, 228790.	2.2	10
35	Low-angle normal faults record Early Permian extensional tectonics in the Orobic Basin (Southern Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.8	10
36	Structural evolution of the North Karakoram cover, North Pakistan. <i>Geological Society Special Publication</i> , 1993, 74, 21-38.	1.3	9

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37	Tectonic and liquefaction structures in the Loreto basin, Baja California (Mexico) : synsedimentary deformation along a fossil fault plane. <i>Geodinamica Acta</i> , 1992, 5, 187-201.	2.2	8
38	Disentangling climate signal from tectonic forcing: The Triassic Aghdarband Basin (Turan Domain). <i>Tectonics</i> , 2021, 40, e2021TC006766.	2.3	6
39	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
40	Metasomatism by Boron-Rich Fluids along Permian Low-Angle Normal Faults (Central Southern Alps, N Italy). <i>Journal of Metamorphic Geology</i> , 2021, 39, 1-16.	2.0	2
41	Interplay of Holocene surface faulting and climate in the Central Po Plain, Italy. <i>Quaternary Research</i> , 2021, 95, 1-16.	1.7	2
42	The timescale of solid-state deformation in the Northern Adamello igneous intrusive suite. <i>Journal of the Geological Society</i> , 2021, 178, 1-101.	2.1	1
43	Evidence of Early Permian extension during the post-Variscan evolution of the central Southern Alps (N Italy). <i>International Journal of Earth Sciences</i> , 2022, 111, 1717-1738.	1.8	1
44	3D reconstruction from surface data in complex geological settings: the example of a thrust stack in the Mesozoic cover of the Southern Alps (Italy). <i>Geoinformatica</i> , 2021, 25, 1-10.	2.7	0
45	Numerical investigation of the long-term influence of seismicity on the development of the Piz Dora DSGSD (Val Mastai, Switzerland). <i>Rendiconti Online Societa Geologica Italiana</i> , 2021, 41, 187-190.	0.3	0