

# Carlo Doglioni

## List of Publications by Year in descending order

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186  
papers

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36203

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docs citations

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times ranked

5926  
citing authors

#	ARTICLE	IF	CITATIONS
1	A proposal for the kinematic modelling of Wâ€dipping subductions â€possible applications to the Tyrrhenianâ€Apennines system. <i>Terra Nova</i> , 1991, 3, 423-434.	0.9	592
2	On the post-25 Ma geodynamic evolution of the western Mediterranean. <i>Tectonophysics</i> , 1998, 298, 259-269.	0.9	515
3	Geodynamic evolution of the central and western Mediterranean: Tectonics vs. igneous petrology constraints. <i>Tectonophysics</i> , 2012, 579, 173-192.	0.9	355
4	The Puglia uplift (SE Italy): An anomaly in the foreland of the Apenninic subduction due to buckling of a thick continental lithosphere. <i>Tectonics</i> , 1994, 13, 1309-1321.	1.3	351
5	Orogens and slabs vs. their direction of subduction. <i>Earth-Science Reviews</i> , 1999, 45, 167-208.	4.0	289
6	Alps vs. Apennines: The paradigm of a tectonically asymmetric Earth. <i>Earth-Science Reviews</i> , 2012, 112, 67-96.	4.0	280
7	Subduction kinematics and dynamic constraints. <i>Earth-Science Reviews</i> , 2007, 83, 125-175.	4.0	275
8	Orogenic Belts and Orogenic Sediment Provenance. <i>Journal of Geology</i> , 2007, 115, 315-334.	0.7	222
9	Eoalpine and mesoalpine tectonics in the Southern Alps. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1987, 76, 735-754.	1.3	207
10	On the Mesozoic Ionian Basin. <i>Geophysical Journal International</i> , 2001, 144, 49-64.	1.0	201
11	Differential rotation between lithosphere and mantle: A consequence of lateral mantle viscosity variations. <i>Journal of Geophysical Research</i> , 1991, 96, 8407-8415.	3.3	197
12	Why Mt Etna?. <i>Terra Nova</i> , 2001, 13, 25-31.	0.9	186
13	New GPS constraints on the kinematics of the Apennines subduction. <i>Earth and Planetary Science Letters</i> , 2008, 273, 163-174.	1.8	164
14	Geodetic model of the 2016 Central Italy earthquake sequence inferred from InSAR and GPS data. <i>Geophysical Research Letters</i> , 2017, 44, 6778-6787.	1.5	162
15	A geodynamic model of the Southern Apennines accretionary prism. <i>Terra Nova</i> , 1996, 8, 540-547.	0.9	158
16	The Western Mediterranean extensional basins and the Alpine orogen. <i>Terra Nova</i> , 1997, 9, 109-112.	0.9	154
17	Tectonics of the Dolomites (southern alps, northern Italy). <i>Journal of Structural Geology</i> , 1987, 9, 181-193.	1.0	153
18	Neogene and Quaternary volcanism in Western Anatolia: Magma sources and geodynamic evolution. <i>Marine Geology</i> , 2005, 221, 397-421.	0.9	149

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19	Some remarks on the origin of foredeeps. <i>Tectonophysics</i> , 1993, 228, 1-20.	0.9	147
20	Lithospheric boudinage in the Western Mediterranean back-arc basin. <i>Terra Nova</i> , 1997, 9, 184-187.	0.9	139
21	On the origin of west-directed subduction zones and applications to the western Mediterranean. <i>Geological Society Special Publication</i> , 1999, 156, 541-561.	0.8	126
22	Geological remarks on the relationships between extension and convergent geodynamic settings. <i>Tectonophysics</i> , 1995, 252, 253-267.	0.9	123
23	Deep structure of the southern Apennines, Italy: Thin-skinned or thick-skinned?. <i>Tectonics</i> , 2005, 24, n/a-n/a.	1.3	122
24	The global tectonic pattern. <i>Journal of Geodynamics</i> , 1990, 12, 21-38.	0.7	120
25	Foredeep geometries at the front of the Apennines in the Ionian Sea (central Mediterranean). <i>Earth and Planetary Science Letters</i> , 1999, 168, 243-254.	1.8	104
26	The dip of the foreland monocline in the Alps and Apennines. <i>Earth and Planetary Science Letters</i> , 2000, 181, 191-202.	1.8	102
27	Hydrogeochemical changes before and during the 2016 Amatrice-Norcia seismic sequence (central Italy). <i>Journal of Hydrology</i> , 2017, 550, 107-119.	1.6	99
28	Main differences between thrust belts. <i>Terra Nova</i> , 1992, 4, 152-164.	0.9	98
29	Slab dip vs. lithosphere age: No direct function. <i>Earth and Planetary Science Letters</i> , 2005, 238, 298-310.	1.8	96
30	Carbonatites in a subduction system: The Pleistocene alvikites from Mt. Vulture (southern Italy). <i>Lithos</i> , 2007, 98, 313-334.	0.6	94
31	Apennines subduction-related subsidence of Venice (Italy). <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	92
32	On the geodynamics of the Aegean rift. <i>Tectonophysics</i> , 2010, 488, 7-21.	0.9	89
33	Can Earth's rotation and tidal despinning drive plate tectonics?. <i>Tectonophysics</i> , 2010, 484, 60-73.	0.9	88
34	Role of the brittle-ductile transition on fault activation. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 184, 160-171.	0.7	82
35	Foredeeps versus subduction zones. <i>Geology</i> , 1994, 22, 271.	2.0	77
36	Polarized Plate Tectonics. <i>Advances in Geophysics</i> , 2015, , 1-167.	1.1	77

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37	Geological evidence for a global tectonic polarity. <i>Journal of the Geological Society</i> , 1993, 150, 991-1002.	0.9	76
38	Space geodesy validation of the global lithospheric flow. <i>Geophysical Journal International</i> , 2007, 168, 491-506.	1.0	73
39	The deep structure of the Iranian Plateau. <i>Gondwana Research</i> , 2015, 28, 407-418.	3.0	70
40	Fault onâ€“off versus coseismic fluids reaction. <i>Geoscience Frontiers</i> , 2014, 5, 767-780.	4.3	69
41	Geodetic strain rate and earthquake size: New clues for seismic hazard studies. <i>Physics of the Earth and Planetary Interiors</i> , 2012, 206-207, 67-75.	0.7	67
42	Water-table and discharge changes associated with the 2016â€“2017 seismic sequence in central Italy: hydrogeological data and a conceptual model for fractured carbonate aquifers. <i>Hydrogeology Journal</i> , 2018, 26, 1009-1026.	0.9	67
43	Slab Retreat and Active Shortening along the Central-Northern Apennines. <i>Frontiers in Earth Sciences</i> , 2007, , 471-487.	0.1	67
44	On the extension in western Anatolia and the Aegean sea. <i>Journal of the Virtual Explorer</i> , 0, 08, .	0.0	65
45	The westward drift of the lithosphere: A rotational drag?. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 199-209.	1.6	64
46	Upper mantle flow in the western Mediterranean. <i>Earth and Planetary Science Letters</i> , 2007, 257, 200-214.	1.8	64
47	Rift asymmetry and continental uplift. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	61
48	Compactionâ€“induced stress variations with depth in an active anticline: Northern Apennines, Italy. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	61
49	Evidence for serpentinite fluid in convergent margin systems: The example of El Salvador (Central) Tj ETQq1 1 0.784314 rgBT /Overlo 1.0 59	1.0	59
50	Tectonics, magmatism and geodynamics of Italy: What we know and what we imagine. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	58
51	Normal fault earthquakes or graviquakes. <i>Scientific Reports</i> , 2015, 5, 12110.	1.6	56
52	On the geodynamics of the northern Adriatic plate. <i>Rendiconti Lincei</i> , 2010, 21, 253-279.	1.0	55
53	Normal faulting vs regional subsidence and sedimentation rate. <i>Marine and Petroleum Geology</i> , 1998, 15, 737-750.	1.5	54
54	Mantle wedge asymmetries and geochemical signatures along W- and Eâ€“NE-directed subduction zones. <i>Lithos</i> , 2009, 113, 179-189.	0.6	54

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55	Lithosphere–asthenosphere viscosity contrast and decoupling. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 189, 1-8.	0.7	53
56	Eustatic sea level fluctuations induced by polar wander. <i>Nature</i> , 1990, 345, 708-710.	13.7	50
57	Tectonic and magmatic evolution of the active volcanic front in El Salvador: insight into the Berl�n and Ahuachap�n geothermal areas. <i>Geothermics</i> , 2006, 35, 368-408.	1.5	50
58	Heat flow and geodynamics in the Tyrrhenian Sea. <i>Terra Nova</i> , 2003, 15, 425-432.	0.9	46
59	From Mesozoic rifting to Apennine orogeny: The Gran Sasso range (Italy). <i>Gondwana Research</i> , 2015, 27, 1307-1334.	3.0	46
60	New insights into earthquake precursors from InSAR. <i>Scientific Reports</i> , 2017, 7, 12035.	1.6	46
61	Fold uplift versus regional subsidence and sedimentation rate. <i>Marine and Petroleum Geology</i> , 1997, 14, 179-190.	1.5	45
62	Structural evolution of the eastern Balkans (Bulgaria). <i>Marine and Petroleum Geology</i> , 1996, 13, 225-251.	1.5	44
63	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.	1.8	43
64	Asymmetric ocean basins. <i>Geology</i> , 2010, 38, 59-62.	2.0	42
65	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.	1.8	42
66	Horizontal mantle flow controls subduction dynamics. <i>Scientific Reports</i> , 2017, 7, 7550.	1.6	41
67	Structural and Stratigraphic Control on Salient and Recess Development Along a Thrust Belt Front: The Northern Apennines (Po Plain, Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4360-4387.	1.4	41
68	EUROPE   Mediterranean Tectonics. , 2005, , 135-146.		40
69	Simple Kinematics of Subduction Zones. <i>International Geology Review</i> , 2006, 48, 479-493.	1.1	40
70	The tectonic puzzle of the Messina area (Southern Italy): Insights from new seismic reflection data. <i>Scientific Reports</i> , 2012, 2, 970.	1.6	40
71	Subduction-related intermediate-depth and deep seismicity in Italy: insights from thermal and rheological modelling. <i>Physics of the Earth and Planetary Interiors</i> , 2005, 149, 65-79.	0.7	39
72	The transition from subduction-related to intraplate Neogene magmatism in the Western Anatolia and Aegean area. , 2007, , .		38

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73	Uranium groundwater anomalies and L'Aquila earthquake, 6th April 2009 (Italy). Journal of Environmental Radioactivity, 2010, 101, 45-50.	0.9	38
74	Mantle-derived CO2 migration along active faults within an extensional basin margin (Fiumicino, Italy). Journal of Geophysical Research, 2010, 115, F00000.	0.9	38
75	Fault on-off versus strain rate and earthquakes energy. Geoscience Frontiers, 2015, 6, 265-276.	4.3	38
76	Coexisting geodynamic processes in the Sicily Channel. Journal of Geophysical Research, 2006, 111, F03001.		37
77	Field- to nano-scale evidence for weakening mechanisms along the fault of the 2016 Amatrice and Norcia earthquakes, Italy. Tectonophysics, 2017, 712-713, 156-169.	0.9	37
78	The Venetian Alps thrust belt. Journal of Geophysical Research, 1992, 97, 319-324.		36
79	The south Zagros suture zone in teleseismic images. Tectonophysics, 2017, 694, 292-301.	0.9	35
80	Jurassic and Cretaceous paleomagnetic data from the Southern Alps (Italy). Tectonics, 1992, 11, 811-822.	1.3	34
81	Thermal and tectonic evolution of the southern Alps (northern Italy) rifting: Coupled organic matter maturity analysis and thermokinematic modeling. AAPG Bulletin, 2010, 94, 369-397.	0.7	34
82	The Alps in the Cretaceous: a doubly vergent pre-collisional orogen. Terra Nova, 2012, 24, 351-356.	0.9	34
83	Graviquakes in Italy. Tectonophysics, 2015, 656, 202-214.	0.9	34
84	Reverse migration of seismicity on thrusts and normal faults. Earth-Science Reviews, 2004, 65, 195-222.	4.0	33
85	Strain rate relaxation of normal and thrust faults in Italy. Geophysical Journal International, 2013, 195, 815-820.	1.0	33
86	Accretion depth versus accretionary prism dimension in the Apennines and the Barbados. Tectonics, 2003, 22, n/a-n/a.	1.3	30
87	Coexisting tectonic settings: the example of the southern Tyrrhenian Sea. International Journal of Earth Sciences, 2011, 100, 1915-1924.	0.9	30
88	Why did life develop on the surface of the Earth in the Cambrian?. Geoscience Frontiers, 2016, 7, 865-873.	4.3	30
89	Basal lithospheric detachment, eastward mantle flow and mediterranean geodynamics: A discussion. Journal of Geodynamics, 1991, 13, 47-65.	0.7	29
90	Volume unbalance on the 2016 Amatrice - Norcia (Central Italy) seismic sequence and insights on normal fault earthquake mechanism. Scientific Reports, 2019, 9, 4250.	1.6	29

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91	A classification of induced seismicity. <i>Geoscience Frontiers</i> , 2018, 9, 1903-1909.	4.3	28
92	Compaction-induced subsidence in the margin of a carbonate platform. <i>Basin Research</i> , 1988, 1, 237-246.	1.3	27
93	Topography and gravity across subduction zones. <i>Geophysical Research Letters</i> , 1998, 25, 703-706.	1.5	27
94	Effects of coseismic ground vertical motion on masonry constructions damage during the 2016 Amatrice-Norcia (Central Italy) earthquakes. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 120, 423-435.	1.9	27
95	Evaluation of stresses in two geodynamically different areas: Stable foreland and extensional backarc. <i>Pure and Applied Geophysics</i> , 1996, 146, 319-341.	0.8	25
96	Left-lateral transtension along the Ethiopian Rift and constraints on the mantle-reference plate motions. <i>Tectonophysics</i> , 2014, 632, 21-31.	0.9	25
97	Transfer zones in an oblique back-arc basin setting: Insights from the Latium-Campania segmented margin (Tyrrhenian Sea). <i>Tectonics</i> , 2017, 36, 78-107.	1.3	25
98	Ground Deformation and Source Geometry of the 30 October 2016 Mw 6.5 Norcia Earthquake (Central Italy) from Satellite Remote Sensing. <i>Remote Sensing</i> , 2018, 10, 1901.	1.8	25
99	Rheological control of subcrustal seismicity in the Apennines subduction (Italy). <i>Geophysical Research Letters</i> , 2002, 29, 29-1-29-4.	1.5	24
100	From mapped faults to fault-length earthquake magnitude (FLEM): a test on Italy with methodological implications. <i>Solid Earth</i> , 2019, 10, 1555-1579.	1.2	24
101	Factors influencing liver fibrosis and necroinflammation in HIV/HCV coinfection and HCV mono-infection. <i>Infection</i> , 2013, 41, 959-967.	2.3	23
102	Tectonically asymmetric Earth: From net rotation to polarized westward drift of the lithosphere. <i>Geoscience Frontiers</i> , 2015, 6, 401-418.	4.3	23
103	Diurnal and Semidiurnal Cyclicity of Radon ( $^{222}\text{Rn}$ ) in Groundwater, Giardino Spring, Central Apennines, Italy. <i>Water (Switzerland)</i> , 2018, 10, 1276.	1.2	23
104	Cenozoic uplift of Europe. <i>Tectonics</i> , 2009, 28, .	1.3	22
105	Longer aftershocks duration in extensional tectonic settings. <i>Scientific Reports</i> , 2017, 7, 16403.	1.6	22
106	Numerical modeling of simultaneous extension and compression: The Valencia trough (western Mediterranean). <i>Tectonophysics</i> , 2010, 50, 1-10.	1.3	21
107	Phyllosilicate injection along extensional carbonate-hosted faults and implications for co-seismic slip propagation: Case studies from the central Apennines, Italy. <i>Journal of Structural Geology</i> , 2016, 93, 29-50.	1.0	21
108	Tidal modulation of plate motions. <i>Earth-Science Reviews</i> , 2020, 205, 103179.	4.0	21

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109	Global pattern of earthquakes and seismic energy distributions: Insights for the mechanisms of plate tectonics. <i>Tectonophysics</i> , 2012, 530-531, 80-86.	0.9	20
110	Stratal patterns: a proposal of classification and examples from the Dolomites. <i>Basin Research</i> , 1989, 2, 83-95.	1.3	19
111	The lithosphere in Italy: structure and seismicity. <i>Journal of the Virtual Explorer</i> , 2010, 36, .	0.0	19
112	Geodynamic evolution of the Aegean: constraints from the Plio-Pleistocene volcanism of the Volosâ€Evia area. <i>Journal of the Geological Society</i> , 2010, 167, 475-489.	0.9	18
113	Uranium groundwater anomalies and active normal faulting. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 288, 101-107.	0.7	18
114	Urban Seismic Networks, Structural Health and Cultural Heritage Monitoring: The National Earthquakes Observatory (INGV, Italy) Experience. <i>Frontiers in Built Environment</i> , 2019, 5, .	1.2	18
115	Tectonically controlled carbonate-seated maar-diatreme volcanoes: The case of the Volsci Volcanic Field, central Italy. <i>Journal of Geodynamics</i> , 2020, 139, 101763.	0.7	18
116	Examples of strike-slip tectonics on platform-basin margins. <i>Tectonophysics</i> , 1988, 156, 293-302.	0.9	17
117	Late Miocene to Pleistocene potassic volcanism in the Republic of Macedonia. <i>Mineralogy and Petrology</i> , 2008, 94, 45-60.	0.4	17
118	The westward drift of the lithosphere: A tidal ratchet?. <i>Geoscience Frontiers</i> , 2018, 9, 403-414.	4.3	17
119	Early Triassic paleomagnetic data from the Dolomites (Italy). <i>Tectonics</i> , 1994, 13, 157-166.	1.3	16
120	Active Foldâ€Thrust Belt to Foreland Transition in Northern Adria, Italy, Tracked by Seismic Reflection Profiles and GPS Offshore Data. <i>Tectonics</i> , 2020, 39, e2020TC006425.	1.3	16
121	Scaling properties of seismicity and faulting. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117511.	1.8	16
122	On the number and spacing of faults. <i>Terra Nova</i> , 2003, 15, 315-321.	0.9	15
123	On the shallow origin of hotspots and the westward drift of the lithosphere. , 2005, , .		15
124	Westward migration of oceanic ridges and related asymmetric upper mantle differentiation. <i>Lithos</i> , 2017, 268-271, 163-173.	0.6	15
125	New observations in Central Italy of groundwater responses to the worldwide seismicity. <i>Scientific Reports</i> , 2020, 10, 17850.	1.6	15
126	Global kinematics in deep versus shallow hotspot reference frames. , 2007, , 359-374.		13



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127	Reply to the discussion of: "Carbonatites in a subduction system: The Pleistocene alvikites from Mt. Vulture (Southern Italy)" by M. D'Orazio, F. Innocenti, S. Tonarini and C. Doglioni (Lithos 98, 313-334) by F. Stoppa, C. Principe and P. Giannandrea. Lithos, 2008, 103, 557-561.	0.6	13
128	Earth's rotation variability triggers explosive eruptions in subduction zones. Earth, Planets and Space, 2015, 67, .	0.9	13
129	On the increasing size of the orogens moving from the Alps to the Himalayas in the frame of the net rotation of the lithosphere. Gondwana Research, 2018, 62, 2-13.	3.0	12
130	The epicentral fingerprint of earthquakes marks the coseismically activated crustal volume. Earth-Science Reviews, 2021, 218, 103667.	4.0	12
131	Liver Histology in HIV/Hepatitis C-Coinfected and HCV-Monoinfected Patients With Persistently Normal Alanine Aminotransferases. Journal of Acquired Immune Deficiency Syndromes (1999), 2010, 54, 107-108.	0.9	11
132	Asymmetric dynamics at subduction zones derived from plate kinematic constraints. Gondwana Research, 2020, 78, 110-125.	3.0	11
133	Cyclicity in Non-Marine Foreland-Basin Sedimentary Fill: The Messinian Conglomerate-Bearing Succession of the Venetian Alps (Italy). , 0, , 501-520.		11
134	Are normal fault earthquakes due to elastic rebound or gravitational collapse?. Annals of Geophysics, 2020, 63, .	0.5	11
135	Anti-hepatitis C virus treatment may prevent the progression of liver fibrosis in non-responder human immunodeficiency virus/hepatitis C virus coinfecting patients. Brazilian Journal of Infectious Diseases, 2014, 18, 164-169.	0.3	10
136	Constraining the Passive to Active Margin Tectonics of the Internal Central Apennines: Insights from Biostratigraphy, Structural, and Seismic Analysis. Geosciences (Switzerland), 2021, 11, 160.	1.0	10
137	Re-pressurized magma at Mt. Etna, Italy, may feed eruptions for years. Communications Earth & Environment, 2021, 2, .	2.6	10
138	The Ventotene Volcanic Ridge: a newly explored complex in the central Tyrrhenian Sea (Italy). Bulletin of Volcanology, 2016, 78, 1.	1.1	9
139	Lithological control on multiple surface ruptures during the 2016-2017 Amatrice-Norcia seismic sequence. Journal of Geodynamics, 2020, 134, 101676.	0.7	9
140	A heterogeneous subcontinental mantle under the African-Arabian Plate boundary revealed by boron and radiogenic isotopes. Scientific Reports, 2021, 11, 11230.	1.6	9
141	Inherited structures in the hangingwall of the Valsugana Overthrust (Southern Alps, Northern Italy). Journal of Structural Geology, 1986, 8, 581-583.	1.0	8
142	Comment on "The potential influence of subduction zone polarity on overriding plate deformation, trench migration and slab dip angle" by W.P. Schellart. Tectonophysics, 2009, 463, 208-213.	0.9	8
143	North Atlantic geoid high, volcanism and glaciations. Geophysical Research Letters, 2010, 37, .	1.5	8
144	Transition from continental collision to tectonic escape? A geophysical perspective on lateral expansion of the northern Tibetan Plateau. Earth, Planets and Space, 2014, 66, .	0.9	8

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145	Brittle-ductile transition depth versus convergence rate in shallow crustal thrust faults: Considerations on seismogenic volume and impact on seismicity. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 284, 72-81.	0.7	8
146	Three-dimensional numerical simulation of the interseismic and coseismic phases associated with the 6 April 2009, Mw 6.3 L'Aquila earthquake (Central Italy). <i>Tectonophysics</i> , 2021, 798, 228685.	0.9	8
147	Numerical analysis of interseismic, coseismic and post-seismic phases for normal and reverse faulting earthquakes in Italy. <i>Geophysical Journal International</i> , 2021, 225, 627-645.	1.0	8
148	On Some Geometric Prism Asymmetries. , 2007, , 41-60.		8
149	What Lies Deep in the Mantle Below?. <i>Eos</i> , 2015, 96, .	0.1	8
150	Top-driven asymmetric mantle convection. <i>Special Paper of the Geological Society of America</i> , 0, , 51-63.	0.5	8
151	Correlation between seismic activity and tidal stress perturbations highlights growing instability within the brittle crust. <i>Scientific Reports</i> , 2022, 12, 7109.	1.6	8
152	The Decollement Depth of Active Thrust Faults in Italy: Implications on Potential Earthquake Magnitude. <i>Tectonics</i> , 2019, 38, 3990-4009.	1.3	7
153	Interference between Apennines and Hellenides foreland basins around the Apulian swell (Italy and) Tj ETQq1 1 0.784314 rgBT /Overlo 1.5	1.5	7
154	The Bortoluzzi Mud Volcano (Ionian Sea, Italy) and its potential for tracking the seismic cycle of active faults. <i>Solid Earth</i> , 2019, 10, 741-763.	1.2	6
155	The 2013â€“2018 Matese and Beneventano Seismic Sequences (Centralâ€“Southern Apennines): New Constraints on the Hypocentral Depth Determination. <i>Geosciences (Switzerland)</i> , 2020, 10, 17.	1.0	6
156	Different Fault Response to Stress during the Seismic Cycle. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9596.	1.3	6
157	Plate subrotations. <i>Tectonics</i> , 2008, 27, .	1.3	5
158	Tyrrhenian Sea. , 2012, , 472-485.		5
159	Did a change in tectonic regime occur between the Phanerozoic and earlier Epochs?. <i>Rendiconti Lincei</i> , 2012, 23, 139-148.	1.0	5
160	The westward lithospheric drift, its role on the subduction and transform zones surrounding Americas: Andean to cordilleran orogenic types cyclicly. <i>Geoscience Frontiers</i> , 2020, 11, 1219-1229.	4.3	5
161	Coseismic vertical ground deformations vs. intensity measures: Examples from the Apennines. <i>Engineering Geology</i> , 2021, 293, 106323.	2.9	5
162	One Year of Seismicity Recorded Through Ocean Bottom Seismometers Illuminates Active Tectonic Structures in the Ionian Sea (Central Mediterranean). <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4

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163	High-Resolution Seismic Profiling in the Hanging Wall of the Southern Fault Section Ruptured During the 2016 Mw 6.5 Central Italy Earthquake. <i>Tectonics</i> , 2021, 40, e2021TC006786.	1.3	4
164	The SEISMOFAULTS project: First surveys and preliminary results for the Ionian Sea area, Southern Italy. <i>Annals of Geophysics</i> , 2020, 63, .	0.5	4
165	The kinematic paradox of the San Andreas Fault. <i>Terra Nova</i> , 1996, 8, 525-531.	0.9	3
166	Upper mantle structure in the alpine zone from surface wave tomography. <i>Doklady Earth Sciences</i> , 2007, 416, 1114-1117.	0.2	3
167	Evolution of the Western Mediterranean. , 2012, , 436-470.		3
168	Exploring Italian geological data in 3D. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	3
169	Estimation of the maximum earthquakes magnitude based on potential brittle volume and strain rate: The Italy test case. <i>Tectonophysics</i> , 2022, 836, 229405.	0.9	3
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