

# Rodolfo Carosi

## List of Publications by Year in descending order

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37  
papers

1,418  
citations

331670

21  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

836  
citing authors

#	ARTICLE	IF	CITATIONS
1	The hercynian chain in Sardinia (Italy). <i>Geodinamica Acta</i> , 1994, 7, 31-47.	2.2	167
2	Pressure-temperature-time-deformation path of kyanite-bearing migmatitic paragneiss in the Kali Gandaki valley (Central Nepal): Investigation of Late Eocene-early Oligocene melting processes. <i>Lithos</i> , 2015, 231, 103-121.	1.4	101
3	20 years of geological mapping of the metamorphic core across Central and Eastern Himalayas. <i>Earth-Science Reviews</i> , 2018, 177, 124-138.	9.1	95
4	Leucogranite intruding the South Tibetan Detachment in western Nepal: implications for exhumation models in the Himalayas. <i>Terra Nova</i> , 2013, 25, 478-489.	2.1	89
5	Tectonometamorphic discontinuities in the Greater Himalayan Sequence: a local or a regional feature?. <i>Geological Society Special Publication</i> , 2015, 412, 25-41.	1.3	77
6	Orogen-parallel tectonic transport in the Variscan belt of northeastern Sardinia (Italy): implications for the exhumation of medium-pressure metamorphic rocks. <i>Geological Magazine</i> , 2002, 139, .	1.5	76
7	Middle to late Eocene exhumation of the Greater Himalayan Sequence in the Central Himalayas: Progressive accretion from the Indian plate. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1571-1592.	3.3	72
8	Miocene andalusite leucogranite in central-east Himalaya (Everest-Masang Kang area): Low-pressure melting during heating. <i>Lithos</i> , 2012, 144-145, 194-208.	1.4	66
9	Geochronological constraints on post-collisional shear zones in the Variscides of Sardinia (Italy). <i>Terra Nova</i> , 2012, 24, 42-51.	2.1	59
10	Eocene partial melting recorded in peritectic garnets from kyanite-gneiss, Greater Himalayan Sequence, central Nepal. <i>Geological Society Special Publication</i> , 2015, 412, 111-129.	1.3	59
11	Mapping the Buraburi granite in the Himalaya of Western Nepal: Remote sensing analysis in a collisional belt with vegetation cover and extreme variation of topography. <i>Remote Sensing of Environment</i> , 2011, 115, 1129-1144.	11.0	57
12	Kinematics and vorticity of flow associated with post-collisional oblique transpression in the Variscan Inner Zone of northern Sardinia (Italy). <i>Journal of Structural Geology</i> , 2009, 31, 1458-1471.	2.3	42
13	Tectonics of the Himalaya: an introduction. <i>Geological Society Special Publication</i> , 2015, 412, 1-3.	1.3	40
14	Transpressional deformation in northwestern Sardinia (Italy): insights on the tectonic evolution of the Variscan Belt. <i>Comptes Rendus - Geoscience</i> , 2002, 334, 287-294.	1.2	39
15	Pressure-temperature and deformational evolution of high-pressure metapelites from Variscan NE Sardinia, Italy. <i>Lithos</i> , 2013, 175-176, 272-284.	1.4	37
16	Is there any detachment in the Lower Dolpo (western Nepal)?. <i>Comptes Rendus - Geoscience</i> , 2002, 334, 933-940.	1.2	32
17	Tectono-metamorphic evolution of the Tethyan Sedimentary Sequence (Himalayas, SE Tibet). <i>Italian Journal of Geosciences</i> , 2017, 136, 73-88.	0.8	31
18	Structural evolution, metamorphism and melting in the Greater Himalayan Sequence in central-western Nepal. <i>Geological Society Special Publication</i> , 2019, 483, 305-323.	1.3	30

#	ARTICLE	IF	CITATIONS
19	Kinematic and geochronological constraints on shear deformation in the Ferriere-Mollières shear zone (Argentera-Mercantour Massif, Western Alps): implications for the evolution of the Southern European Variscan Belt. <i>International Journal of Earth Sciences</i> , 2018, 107, 2163-2189.	1.8	29
20	Three-dimensional vorticity and time-constrained evolution of the Main Central Thrust zone, Garhwal Himalaya (NW India). <i>Terra Nova</i> , 2020, 32, 215-224.	2.1	28
21	Dating protracted fault activities: microstructures, microchemistry and geochronology of the Vaikrita Thrust, Main Central Thrust zone, Garhwal Himalaya, NW India. <i>Geological Society Special Publication</i> , 2019, 481, 127-146.	1.3	23
22	Timing and kinematics of flow in a transpressive dextral shear zone, Maures Massif (Southern France). <i>International Journal of Earth Sciences</i> , 2020, 109, 2261-2285.	1.8	21
23	Tectonic activity along the inner margin of the South Tibetan detachment constrained by syntectonic leucogranite emplacement in Western Bhutan. <i>Italian Journal of Geosciences</i> , 2017, 136, 5-14.	0.8	20
24	Kinematics and Timing Constraints in a Transpressive Tectonic Regime: The Example of the Posada-Asinara Shear Zone (NE Sardinia, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 288.	2.2	18
25	Deformation during exhumation of medium- and high-grade metamorphic rocks in the Variscan chain in northern Sardinia (Italy). <i>Geological Journal</i> , 2009, 44, 280-305.	1.3	17
26	Water quality and solute sources in the Marsyangdi River system of Higher Himalayan range (West-Central Nepal). <i>Science of the Total Environment</i> , 2019, 677, 580-589.	8.0	15
27	Geology of the northwestern portion of the Ferriere-Mollières Shear Zone, Argentera Massif, Italy. <i>Journal of Maps</i> , 2016, 12, 466-475.	2.0	14
28	The Main Central Thrust zone along the Alaknanda and Dhauliganga valleys (Garhwal Himalaya, NW India). <i>Tectonophysics</i> , 2014, 564, 1-12.	1.4	12
29	Structural setting of a transpressive shear zone: insights from geological mapping, quartz petrofabric and kinematic vorticity analysis in NE Sardinia (Italy). <i>Geological Magazine</i> , 2020, 157, 1898-1916.	1.5	10
30	Constraining the Timing of Evolution of Shear Zones in Two Collisional Orogens: Fusing Structural Geology and Geochronology. <i>Geosciences (Switzerland)</i> , 2022, 12, 231.	2.2	9
31	Asymmetric fold development in the Variscan Nappes of central Sardinia (Italy). <i>Comptes Rendus - Geoscience</i> , 2004, 336, 939-949.	1.2	7
32	Mapping tectono-metamorphic discontinuities in orogenic belts: implications for mid-crust exhumation in NW Himalaya. <i>Lithos</i> , 2021, 392-393, 106129.	1.4	7
33	Crustal strength control on structures and metamorphism in collisional orogens. <i>Tectonophysics</i> , 2018, 746, 470-492.	2.2	6
34	Multi-stage evolution of the South Tibetan Detachment System in central Himalaya: Insights from carbonate-bearing rocks. <i>Journal of Structural Geology</i> , 2022, 158, 104574.	2.3	6
35	A thermal event in the Dolpo region (Nepal): a consequence of the shift from orogen perpendicular to orogen parallel extension in central Himalaya?. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	5
36	Structural evolution of the Southern Sulcis metamorphic complex (SW Sardinia, Italy). <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1998, 326, 505-512.	0.2	2

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37	Reply to discussion by Elter and Padovano of "Deformation during exhumation of medium- and high-grade metamorphic rocks in the Variscan chain in northern Sardinia (Italy)". <i>Geological Journal</i> , 2010, 45, 483-486.	1.3	0