Emilio Saccani

List of Publications by Year
in descending order

32 papers	1,588 citations	394421 19 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	1132 citing authors

#	Article	IF	Citations
1	A new method of discriminating different types of post-Archean ophiolitic basalts and their tectonic significance using Th-Nb and Ce-Dy-Yb systematics. Geoscience Frontiers, 2015, 6, 481-501.	8.4	282
2	Mid-ocean ridge and supra-subduction affinities in the Pindos ophiolites (Greece): implications for magma genesis in a forearc setting. Lithos, 2004, 73, 229-253.	1.4	139
3	Geochemistry and petrology of the Kermanshah ophiolites (Iran): Implication for the interaction between passive rifting, oceanic accretion, and OIB-type components in the Southern Neo-Tethys Ocean. Gondwana Research, 2013, 24, 392-411.	6.0	114
4	Petrological and geochemical constraints on the origin of the Nehbandan ophiolitic complex (eastern Iran): Implication for the evolution of the Sistan Ocean. Lithos, 2010, 117, 209-228.	1.4	101
5	Geodynamic evolution of ophiolites from Albania and Greece (Dinaric-Hellenic belt): one, two, or more oceanic basins?. International Journal of Earth Sciences, 2013, 102, 783-811.	1.8	100
6	Geochronology and petrology of the Early Carboniferous Misho Mafic Complex (NW Iran), and implications for the melt evolution of Paleo-Tethyan rifting in Western Cimmeria. Lithos, 2013, 162-163, 264-278.	1.4	82
7	Petrogenesis and tectono-magmatic significance of basalts and mantle peridotites from the Albanianâ€"Greek ophiolites and sub-ophiolitic mÃ©langes. New constraints for the Triassicâ€"Jurassic evolution of the Neo-Tethys in the Dinaride sector. Lithos, 2011, 124, 227-242.	1.4	79
8	Magma generation and crustal accretion as evidenced by supra-subduction ophiolites of the Albanide-Hellenide Subpelagonian zone. Island Arc, 2005, 14, 551-563.	1.1	72
9	Continental margin ophiolites of Neotethys: Remnants of Ancient Oceanâ€"Continent Transition Zone (OCTZ) lithosphere and their geochemistry, mantle sources and melt evolution patterns. Episodes, 2015, 38, 230-249.	1.2	65
10	Petrology and geochemistry of mafic magmatic rocks from the Sarve-Abad ophiolites (Kurdistan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 the southern Neo-Tethys Ocean. Tectonophysics, 2014, 621, 132-147.	2.2	61
11	Petrogenesis and tectonomagmatic significance of volcanic and subvolcanic rocks in the Albanide-Hellenide ophiolitic melanges. Island Arc, 2005, 14, 494-516.	1.1	53
12	Time-progressive mantle-melt evolution and magma production in a Tethyan marginal sea: A case study of the Albanide-Hellenide ophiolites. Lithosphere, 2018, 10, 35-53.	1.4	53
13	New insights into the geodynamics of Neo-Tethys in the Makran area: Evidence from age and petrology of ophiolites from the Coloured MÃ©lange Complex (SE Iran). Gondwana Research, 2018, 62, 306-327.	6.0	52
14	Mineral chemistry and petrology of highly magnesian ultramafic cumulates from the Sarve-Abad (Sawlava) ophiolites (Kurdistan, NW Iran): New evidence for boninitic magmatism in intra-oceanic fore-arc setting in the Neo-Tethys between Arabia and Iran. Journal of Asian Earth Sciences, 2014, 79, 312-328.	2.3	39
15	Petrogenesis and tectonic significance of Jurassic IAT magma types in the Hellenide ophiolites as deduced from the Rhodiani ophiolites (Pelagonian zone, Greece). Lithos, 2008, 104, 71-84.	1.4	36
16	Geodynamic Implications of Jurassic Ophiolites Associated with Island-Arc Volcanics, South Apuseni Mountains, Western Romania. International Geology Review, 2002, 44, 938-955.	2.1	34
17	Cretaceous tectonic evolution of the Neo-Tethys in Central Iran: Evidence from petrology and age of the Nain-Ashin ophiolitic basalts. Geoscience Frontiers, 2020, 11, 57-81.	8.4	34
18	Radiolarian biostratigraphy and geochemistry of the Koziakas massif ophiolites (Greece). Bulletin - Societie Geologique De France, 2012, 183, 287-306.	2.2	27

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19	The Jurassicâ€“Early Cretaceous basaltâ€“chert association in the ophiolites of the Ankara MÃ©lange, east of Ankara, Turkey: age and geochemistry. Geological Magazine, 2018, 155, 451-478.	1.5	22
20	Triassic mid-ocean ridge basalts from the Argolis Peninsula (Greece): new constraints for the early oceanization phases of the Neo-Tethyan Pindos basin. Geological Society Special Publication, 2003, 218, 109-127.	1.3	18
21	Redefinition of the Ligurian Units at the Alpsâ€“Apennines junction (NW Italy) and their role in the evolution of the Ligurian accretionary wedge: constraints from mÃ©langes and broken formations. Journal of the Geological Society, 2020, 177, 562-574.	2.1	17
22	The western Durkan Complex (Makran Accretionary Prism, SE Iran): A Late Cretaceous tectonically disrupted seamounts chain and its role in controlling deformation style. Geoscience Frontiers, 2021, 12, 101106.	8.4	16
23	The Ganj Complex reinterpreted as a Late Cretaceous volcanic arc: Implications for the geodynamic evolution of the North Makran domain (southeast Iran). Journal of Asian Earth Sciences, 2020, 195, 104306.	2.3	15
24	Structural and geochemical data on the Rio Magno Unit: evidence for a new 'Apenninic' ophiolitic unit in Alpine Corsica and its geodynamic implications. Terra Nova, 2001, 13, 135-142.	2.1	13
25	Spinel and plagioclase peridotites of the Nain ophiolite (Central Iran): Evidence for the incipient stage of oceanic basin formation. Lithos, 2018, 310-311, 1-19.	1.4	13
26	Early Cretaceous Plumeâ€“Ridge Interaction Recorded in the Band-e-Zeyarat Ophiolite (North Makran,) Tj ETQq0 0 0 rgBT /Overlock 10 T (Basel, Switzerland), 2020, 10, 1100.	2.0	12
27	New evidence for Late Cretaceous plume-related seamounts in the Middle East sector of the Neo-Tethys: Constraints from geochemistry, petrology, and mineral chemistry of the magmatic rocks from the western Durkan Complex (Makran Accretionary Prism, SE Iran). Lithos, 2021, 396-397, 106228.	1.4	11
28	The Bajgan Complex revealed as a Cretaceous ophiolite-bearing subduction complex: A key to unravel the geodynamics of Makran (southeast Iran). Journal of Asian Earth Sciences, 2021, 222, 104965.	2.3	9
29	Petrological and tectono-magmatic significance of ophiolitic basalts from the Elba Island within the Alpine Corsica-Northern Apennine system. Mineralogy and Petrology, 2016, 110, 713-730.	1.1	8
30	Geochemistry of basaltic blueschists from the Deyader Metamorphic Complex (Makran Accretionary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Journal of Asian Earth Sciences, 2022, 228, 105141.	2.3	7
31	Geochemical variability among stratiform chromitites and ultramafic rocks from Western Makran, South Iran. Lithos, 2022, 412-413, 106591.	1.4	3
32	Double Provenance of Sand-size Sediments in the Southern Aegean Forearc Basin. Journal of Sedimentary Research, 1987, Vol. 57, .	1.6	1