

Claudio Marchesi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,857
citations

236925
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docs citations

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times ranked

1655
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Metallogenic fingerprint of a metasomatized lithospheric mantle feeding gold endowment in the western Mediterranean basin. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1468-1484. | 3.3 | 7 |
| 2 | Comments on the paper "Ti-poor high-Al chromitites of the Moa-Baracoa ophiolitic massif (eastern Tj ETQq0 0 0 rgBT /Overlock 10 T 2022, 148, 105019. | 2.7 | 1 |
| 3 | Late Cadomian rifting of the NW Gondwana margin and the reworking of Precambrian crust "evidence from bimodal magmatism in the early Paleozoic Moroccan Meseta. <i>International Geology Review</i> , 2021, 63, 2013-2036. | 2.1 | 13 |
| 4 | Native copper formation associated with serpentinization in the Cheshmeh-Bid ophiolite massif (Southern Iran). <i>Lithos</i> , 2021, 382-383, 105953. | 1.4 | 0 |
| 5 | Trace element fingerprints of Ni-Fe-As minerals in subduction channel serpentinites. <i>Lithos</i> , 2021, 400-401, 106432. | 1.4 | 3 |
| 6 | Effects of redox oscillations on the phosphogypsum waste in an estuarine salt-marsh system. <i>Chemosphere</i> , 2020, 242, 125174. | 8.2 | 6 |
| 7 | Geochemical evolution of rodingites during subduction: insights from Cerro del Almirez (southern Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 | 1.4 | 1 |
| 8 | Petrology and geochemistry of mafic and ultramafic cumulate rocks from the eastern part of the Sabzevar ophiolite (NE Iran): Implications for their petrogenesis and tectonic setting. <i>Geoscience Frontiers</i> , 2020, 11, 2347-2364. | 8.4 | 17 |
| 9 | Lichens as a spatial record of metal air pollution in the industrialized city of Huelva (SW Spain). <i>Environmental Pollution</i> , 2019, 253, 918-929. | 7.5 | 25 |
| 10 | Lithosphere tearing along STEP faults and synkinematic formation of lherzolite and wehrlite in the shallow subcontinental mantle. <i>Solid Earth</i> , 2019, 10, 1099-1121. | 2.8 | 16 |
| 11 | Subduction metamorphism of serpentinite-hosted carbonates beyond antigorite-serpentine dehydration (Nevado-Filábride Complex, Spain). <i>Journal of Metamorphic Geology</i> , 2019, 37, 681-715. | 3.4 | 22 |
| 12 | Unraveling the impact of chronic exposure to metal pollution through human gallstones. <i>Science of the Total Environment</i> , 2018, 624, 1031-1040. | 8.0 | 10 |
| 13 | Effects of seawater mixing on the mobility of trace elements in acid phosphogypsum leachates. <i>Marine Pollution Bulletin</i> , 2018, 127, 695-703. | 5.0 | 30 |
| 14 | Stable isotope insights into the weathering processes of a phosphogypsum disposal area. <i>Water Research</i> , 2018, 140, 344-353. | 11.3 | 30 |
| 15 | Suspected meteorite fragments in marine sediments from East Antarctica. <i>Antarctic Science</i> , 2018, 30, 307-321. | 0.9 | 1 |
| 16 | Genesis of ultra-high pressure garnet pyroxenites in orogenic peridotites and its bearing on the compositional heterogeneity of the Earth's mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 303-328. | 3.9 | 21 |
| 17 | Carbonation of mantle peridotite by CO2-rich fluids: the formation of listvenites in the Advocate ophiolite complex (Newfoundland, Canada). <i>Lithos</i> , 2018, 323, 238-261. | 1.4 | 61 |
| 18 | High-P metamorphism of rodingites during serpentinite dehydration (Cerro del Almirez,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2018, 36, 1141-1173. | 3.4 | 32 |

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|----|---|-----|-----------|
| 19 | Multi-stage evolution of the lithospheric mantle beneath the westernmost Mediterranean: Geochemical constraints from peridotite xenoliths in the eastern Betic Cordillera (SE Spain). <i>Lithos</i> , 2017, 276, 75-89. | 1.4 | 10 |
| 20 | Petrogenesis of meta-volcanic rocks from the Maimón Formation (Dominican Republic): Geochemical record of the nascent Greater Antilles paleo-arc. <i>Lithos</i> , 2017, 278-281, 255-273. | 1.4 | 24 |
| 21 | Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (Serranía de Ronda, Spain). <i>Ore Geology Reviews</i> , 2017, 90, 193-209. | 2.7 | 26 |
| 22 | New insights into the metal partitioning in different microphases of human gallstones. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 339-348. | 3.0 | 5 |
| 23 | Neoproterozoic granitoids in the basement of the Moroccan Central Meseta: Correlation with the Anti-Atlas at the NW paleo-margin of Gondwana. <i>Precambrian Research</i> , 2017, 299, 34-57. | 2.7 | 49 |
| 24 | Titanian clinohumite and chondrodite in antigorite serpentinites from Central Chile: evidence for deep and cold subduction. <i>European Journal of Mineralogy</i> , 2017, 29, 959-970. | 1.3 | 18 |
| 25 | Sr-Nd-Pb isotopic systematics of crustal rocks from the western Betics (S. Spain): Implications for crustal recycling in the lithospheric mantle beneath the westernmost Mediterranean. <i>Lithos</i> , 2017, 276, 45-61. | 1.4 | 16 |
| 26 | Flow in the western Mediterranean shallow mantle: Insights from xenoliths in Pliocene alkali basalts from SE Iberia (eastern Betics, Spain). <i>Tectonics</i> , 2016, 35, 2657-2676. | 2.8 | 10 |
| 27 | Fluid-assisted strain localization in the shallow subcontinental lithospheric mantle. <i>Lithos</i> , 2016, 262, 636-650. | 1.4 | 38 |
| 28 | Spatial variability of pyroxenite layers in the Beni Bousera orogenic peridotite (Morocco) and implications for their origin. <i>Comptes Rendus - Geoscience</i> , 2016, 348, 619-629. | 1.2 | 12 |
| 29 | Refertilization Processes in the Subcontinental Lithospheric Mantle: the Record of the Beni Bousera Orogenic Peridotite (Rif Belt, Northern Morocco). <i>Journal of Petrology</i> , 2016, 57, 2251-2270. | 2.8 | 15 |
| 30 | Geochemical record of subduction initiation in the sub-arc mantle: Insights from the Loma Caribe peridotite (Dominican Republic). <i>Lithos</i> , 2016, 252-253, 1-15. | 1.4 | 41 |
| 31 | Hyperextension of continental to oceanic-like lithosphere: The record of late gabbros in the shallow subcontinental lithospheric mantle of the westernmost Mediterranean. <i>Tectonophysics</i> , 2015, 650, 65-79. | 2.2 | 22 |
| 32 | 11B-rich fluids in subduction zones: The role of antigorite dehydration in subducting slabs and boron isotope heterogeneity in the mantle. <i>Chemical Geology</i> , 2014, 376, 20-30. | 3.3 | 66 |
| 33 | Fractionation of highly siderophile elements in refertilized mantle: Implications for the Os isotope composition of basalts. <i>Earth and Planetary Science Letters</i> , 2014, 400, 33-44. | 4.4 | 29 |
| 34 | The role of serpentinites in cycling of carbon and sulfur: Seafloor serpentinization and subduction metamorphism. <i>Lithos</i> , 2013, 178, 40-54. | 1.4 | 193 |
| 35 | Mantle refertilization by melts of crustal-derived garnet pyroxenite: Evidence from the Ronda peridotite massif, southern Spain. <i>Earth and Planetary Science Letters</i> , 2013, 362, 66-75. | 4.4 | 44 |
| 36 | Platinum-group elements, S, Se and Cu in highly depleted abyssal peridotites from the Mid-Atlantic Ocean Ridge (ODP Hole 1274A): Influence of hydrothermal and magmatic processes. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 1521-1538. | 3.1 | 57 |

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|----|--|-----|-----------|
| 37 | Element mobility from seafloor serpentinization to high-pressure dehydration of antigorite in subducted serpentinite: Insights from the Cerro del Almiraz ultramafic massif (southern Spain). <i>Lithos</i> , 2013, 178, 128-142. | 1.4 | 54 |
| 38 | Backarc basin inversion and subcontinental mantle emplacement in the crust: kilometre-scale folding and shearing at the base of the proto-Alborán lithospheric mantle (Betic Cordillera, southern Spain). <i>Journal of the Geological Society</i> , 2013, 170, 47-55. | 2.1 | 51 |
| 39 | Tschermak's substitution in antigorite and consequences for phase relations and water liberation in high-grade serpentinites. <i>Lithos</i> , 2013, 178, 186-196. | 1.4 | 153 |
| 40 | Transfer of Os isotopic signatures from peridotite to chromitite in the subcontinental mantle: Insights from in situ analysis of platinum-group and base-metal minerals (Ojeda peridotite massif, Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5 | 2.1 | 51 |
| 41 | Strain Localization in Pyroxenite by Reaction-Enhanced Softening in the Shallow Subcontinental Lithospheric Mantle. <i>Journal of Petrology</i> , 2013, 54, 1997-2031. | 2.8 | 29 |
| 42 | A Late Oligocene Suprasubduction Setting in the Westernmost Mediterranean Revealed by Intrusive Pyroxenite Dikes in the Ronda Peridotite (Southern Spain). <i>Journal of Geology</i> , 2012, 120, 237-247. | 1.4 | 43 |
| 43 | Recycling of water, carbon, and sulfur during subduction of serpentinites: A stable isotope study of Cerro del Almiraz, Spain. <i>Earth and Planetary Science Letters</i> , 2012, 327-328, 50-60. | 4.4 | 153 |
| 44 | In situ Re- ¹⁸⁷ Os isotopic analysis of platinum-group minerals from the Mayar- ¹⁸⁷ Cristal ophiolitic massif (Mayar- ¹⁸⁷ Baracoa Ophiolitic Belt, eastern Cuba): implications for the origin of Os-isotope heterogeneities in podiform chromitites. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 977-990. | 3.1 | 51 |
| 45 | Garnet lherzolite and garnet-spinel mylonite in the Ronda peridotite: Vestiges of Oligocene backarc mantle lithospheric extension in the western Mediterranean. <i>Geology</i> , 2011, 39, 927-930. | 4.4 | 91 |
| 46 | Persistence of mantle lithospheric Re- ¹⁸⁷ Os signature during asthenospherization of the subcontinental lithospheric mantle: insights from in situ isotopic analysis of sulfides from the Ronda peridotite (Southern Spain). <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 315-330. | 3.1 | 37 |
| 47 | Migration and accumulation of ultra-depleted subduction-related melts in the Massif du Sud ophiolite (New Caledonia). <i>Chemical Geology</i> , 2009, 266, 171-186. | 3.3 | 90 |
| 48 | Petrogenesis of highly depleted peridotites and gabbroic rocks from the Mayar- ¹⁸⁷ Baracoa Ophiolitic Belt (eastern Cuba). <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 717-736. | 3.1 | 103 |