

Enrique Merino

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

919
citations

567281

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20
all docs

20
docs citations

20
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrochemical factors influencing the crystallinity and composition of kaolins and other silicates, revisited. <i>Applied Clay Science</i> , 2016, 131, 71-73.	5.2	2
2	Self-organized iron-oxide cementation geometry as an indicator of paleo-flows. <i>Scientific Reports</i> , 2015, 5, 10792.	3.3	14
3	Terra Rossa Genesis by Replacement of Limestone by Kaolinite. III. Dynamic Quantitative Model. <i>Journal of Geology</i> , 2011, 119, 259-274.	1.4	26
4	An "Inverse Conglomerate" Paleomagnetic Test and Timing of In Situ Terra Rossa Formation at Bloomington, Indiana. <i>Journal of Geology</i> , 2009, 117, 126-138.	1.4	8
5	Terra Rossa Genesis, Implications for Karst, and Eolian Dust: A Geodynamic Thread. <i>Journal of Geology</i> , 2008, 116, 62-75.	1.4	107
6	Three-dimensional roughness of stylolites in limestones. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	82
7	Mineral growth in rocks: kinetic-rheological models of replacement, vein formation, and syntectonic crystallization. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 3733-3748.	3.9	114
8	Implications of replacement for reaction-transport modeling. <i>Journal of Hydrology</i> , 1998, 209, 137-146.	5.4	44
9	Pseudomorphic replacement versus dilation in laterites: petrographic evidence, mechanisms, and consequences for modelling. <i>Journal of Geochemical Exploration</i> , 1996, 57, 217-225.	3.2	23
10	Dynamic weathering model: Constraints required by coupled dissolution and pseudomorphic replacement. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1559-1570.	3.9	35
11	Dynamic model of the genesis of calcretes replacing silicate rocks in semi-arid regions. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 5131-5145.	3.9	51
12	Dynamic model of oscillatory zoning of trace elements in calcite: Double layer, inhibition, and self-organization. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 587-596.	3.9	90
13	Self-organizational origin of agates: Banding, fiber twisting, composition, and dynamic crystallization model. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 1627-1638.	3.9	72
14	Aqueous-Chemical Control of the Tetrahedral-Aluminum Content of Quartz, Halloysite, and other Low-Temperature Silicates. <i>Clays and Clay Minerals</i> , 1989, 37, 135-142.	1.3	38
15	MINERAL ZONING IN SEDIMENT-HOSTED COPPER DEPOSITS. , 1985, , 237-260.		3
16	Generation of evenly-spaced pressure-solution seams during (late) diagenesis: A kinetic theory. <i>Contributions To Mineralogy and Petrology</i> , 1983, 82, 360-370.	3.1	87
17	Free Energies of Formation of Illite Solid Solutions and their Compositional Dependence. <i>Clays and Clay Minerals</i> , 1982, 30, 29-39.	1.3	35
18	Temporal development of fabric in uniaxially stressed polycrystalline media?A theory. <i>Contributions To Mineralogy and Petrology</i> , 1980, 71, 429-435.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Internal consistency of a water analysis and uncertainty of the calculated distribution of aqueous species at 25°C. <i>Geochimica Et Cosmochimica Acta</i> , 1979, 43, 1533-1542.	3.9	19
20	Diagenesis in tertiary sandstones from Kettleman North Dome, California. II. Interstitial solutions: Distribution of aqueous species at 100°C and chemical relation to the diagenetic mineralogy. <i>Geochimica Et Cosmochimica Acta</i> , 1975, 39, 1629-1645.	3.9	62