

Emilia GarcÃ-a-Romero

List of Publications by Year in descending order

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46
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1,478
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331538

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docs citations

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times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	New data on the microporosity of bentonites. <i>Engineering Geology</i> , 2022, 296, 106439.	2.9	2
2	Review and new data on the surface properties of palygorskite: A comparative study. <i>Applied Clay Science</i> , 2022, 216, 106311.	2.6	26
3	HRTEM evidences of Tajo Basin mineralogical complexity: Crystal chemistry and genetic relationship. <i>Applied Clay Science</i> , 2022, 224, 106515.	2.6	2
4	An arid phase in the Internal Dinarides during the early to middle Miocene: Inferences from Mg-clays in the Pranjani Basin (Serbia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110145.	1.0	4
5	Crystal chemical and diffraction analyses of Maya blue suggesting a different provenance of the palygorskite found in Aztec pigments*. <i>Archaeometry</i> , 2021, 63, 738-752.	0.6	0
6	On the structural formula of smectites: a review and new data on the influence of exchangeable cations. <i>Journal of Applied Crystallography</i> , 2021, 54, 251-262.	1.9	16
7	Field Spectroscopy Applied to the Kaolinite Polytypes Identification. <i>Environmental Sciences Proceedings</i> , 2021, 6, 16.	0.3	0
8	The alteration of Miraflores Basalt (Panama): Mineralogical and textural evolution. <i>Applied Clay Science</i> , 2021, 205, 106036.	2.6	3
9	Structure and Mechanical Properties of the Dueñas Clay Formation (Tertiary Duero Basin, Spain): An Overconsolidated Clay of Lacustrine Origin. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12021.	1.3	1
10	Presence of oriented fibers in palygorskite powders and its influence on X-Ray diffractograms. <i>Applied Clay Science</i> , 2020, 195, 105724.	2.6	3
11	Spanish Bentonites: A Review and New Data on Their Geology, Mineralogy, and Crystal Chemistry. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 696.	0.8	17
12	Comments on "Influence of thermally modified palygorskite on the viability of polycyclic aromatic hydrocarbon-degrading bacteria" by B. Biswas, B. Sarkar, and R. Naidy <i>Applied Clay Science</i> 134 (2016) 153-160, DOI 10.1016/j.clay.2016.07.003. <i>Applied Clay Science</i> , 2019, 175, 197-198.	2.6	2
13	A structure-based argument for non-classical crystal growth in natural clay minerals. <i>Mineralogical Magazine</i> , 2018, 82, 171-180.	0.6	12
14	Spanish palygorskites: geological setting, mineralogical, textural and crystal-chemical characterization. <i>European Journal of Mineralogy</i> , 2018, 30, 733-746.	0.4	11
15	Geochemistry and Biomarker Analysis of the Bentonites from Esquivias (Toledo, Spain). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 291.	0.8	5
16	Identification and classification of mineralogical associations by VNIR-SWIR spectroscopy in the Tajo basin (Spain). <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 72, 57-65.	1.4	4
17	Sepiolite and palygorskite-underpinned regulation of mRNA expression of pro-inflammatory cytokines as determined by a murine inflammation model. <i>Applied Clay Science</i> , 2017, 137, 43-49.	2.6	6
18	An insight in the structure of a palygorskite from Palygorskaja: Some questions on the standard model. <i>Applied Clay Science</i> , 2017, 148, 39-47.	2.6	14

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19	Evidence of montmorillonite/Fe-rich smectite transformation in the Morrón de Mateo bentonite deposit (Spain): Implications for the clayey barrier behaviour. <i>Applied Clay Science</i> , 2016, 131, 59-70.	2.6	13
20	The role of sepiolite and palygorskite on the migration of leukocyte cells to an inflammation site. <i>Applied Clay Science</i> , 2016, 123, 315-319.	2.6	7
21	Mineralogical characterisation and surface properties of sepiolite from Polatli (Turkey). <i>Applied Clay Science</i> , 2016, 131, 124-130.	2.6	33
22	A micromorphological study on natural and folded sepiolite. <i>European Journal of Mineralogy</i> , 2015, 27, 81-90.	0.4	4
23	Influence of dolomite microcrystals on the technological properties of Santa Cruz de Mudela clays used for building ceramics. <i>Applied Clay Science</i> , 2014, 102, 261-267.	2.6	7
24	Sepiolite-palygorskite polysomatic series: Oriented aggregation as a crystal growth mechanism in natural environments. <i>American Mineralogist</i> , 2014, 99, 1653-1661.	0.9	32
25	Recycling of residual IGCC slags and their benefits as degreasers in ceramics. <i>Journal of Environmental Management</i> , 2013, 129, 1-8.	3.8	20
26	Sepiolite-Palygorskite: A Continuous Polysomatic Series. <i>Clays and Clay Minerals</i> , 2013, 61, 461-472.	0.6	37
27	Sepiolite-palygorskite: Textural study and genetic considerations. <i>Applied Clay Science</i> , 2013, 86, 129-144.	2.6	98
28	Role of water on formation and structural features of Maya blue. <i>Journal of Physics: Conference Series</i> , 2012, 340, 012109.	0.3	13
29	Variability of the surface properties of sepiolite. <i>Applied Clay Science</i> , 2012, 67-68, 72-82.	2.6	120
30	Trioctahedral entities in palygorskite: Near-infrared evidence for sepiolite-palygorskite polysomatism. <i>European Journal of Mineralogy</i> , 2011, 23, 567-576.	0.4	25
31	Variability in sepiolite: Diffraction studies. <i>American Mineralogist</i> , 2011, 96, 1443-1454.	0.9	48
32	Advances in the Crystal Chemistry of Sepiolite and Palygorskite. <i>Developments in Clay Science</i> , 2011, , 33-65.	0.3	50
33	The Maya Blue Pigment. <i>Developments in Clay Science</i> , 2011, 3, 453-481.	0.3	29
34	Occurrence of Fe-Mg-rich smectites and corrensite in the Morrón de Mateo bentonite deposit (Cabo Tj ETQq0 0 0 rgBT /Overlock 1 Geochemistry, 2011, 26, 1153-1168.	1.4	13
35	On the Chemical Composition of Sepiolite and Palygorskite. <i>Clays and Clay Minerals</i> , 2010, 58, 1-20.	0.6	112
36	Ni-sepiolite-falcondoite in garnierite mineralization from the Falcondo Ni-laterite deposit, Dominican Republic. <i>Clay Minerals</i> , 2009, 44, 435-454.	0.2	42

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37	A combined synchrotron powder diffraction and vibrational study of the thermal treatment of palygorskite to produce Maya blue. <i>Journal of Materials Science</i> , 2009, 44, 5524-5536.	1.7	87
38	THE OCCURRENCE OF PLYGORSKITE IN THE YUCATÁN PENINSULA: ETHNOHISTORIC AND ARCHAEOLOGICAL CONTEXTS*. <i>Archaeometry</i> , 2009, 51, 214-230.	0.6	21
39	Octahedral cation distribution in palygorskite. <i>American Mineralogist</i> , 2009, 94, 200-203.	0.9	65
40	Crystallochemical Characterization of the Palygorskite and Sepiolite from the Allou Kagne Deposit, Senegal. <i>Clays and Clay Minerals</i> , 2007, 55, 606-617.	0.6	45
41	Clay mineral genesis and chemical evolution in the Miocene sediments of Somosaguas, Madrid Basin, Spain. <i>Clay Minerals</i> , 2007, 42, 187-201.	0.2	32
42	The effect of the octahedral cations on the dimensions of the palygorskite cell. <i>Clay Minerals</i> , 2007, 42, 287-297.	0.2	49
43	FTIR spectroscopic study of palygorskite: Influence of the composition of the octahedral sheet. <i>Applied Clay Science</i> , 2006, 31, 154-163.	2.6	234
44	Fault-hosted palygorskite from the Serrata de Nájjar deformation zone (Se Spain). <i>Clays and Clay Minerals</i> , 2006, 54, 324-332.	0.6	15
45	Clay minerals as alteration products in basaltic volcanoclastic deposits of La Palma (Canary Islands,)	1.0	42
46	Characteristics of a Mg-palygorskite in Miocene rocks, Madrid Basin (Spain). <i>Clays and Clay Minerals</i> , 2004, 52, 484-494.	0.6	57