Alberto LÃ³pez-Galindo

List of Publications by Year
in descending order

82 papers	3,126 citations	147801 31 h-index	168389 53 g-index
85 all docs	85 docs citations	85 times ranked	3185 citing authors

#	Article	IF	Citations
1	Compositional, technical and safety specifications of clays to be used as pharmaceutical and cosmetic products. Applied Clay Science, 2007, 36, 51-63.	5.2	250
2	Uses of clay minerals in semisolid health care and therapeutic products. Applied Clay Science, 2007, 36, 37-50.	5.2	219
3	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. Nature Geoscience, 2013, 6, 765-769.	12.9	219
4	Provenance versus weathering control on the composition of tropical river mud (southern Africa). Chemical Geology, 2014, 366, 61-74.	3.3	172
5	Kaolinite in pharmaceutics and biomedicine. International Journal of Pharmaceutics, 2017, 533, 34-48.	5.2	130
6	Pharmaceutical applications of some spanish clays (sepiolite, palygorskite, bentonite): some preformulation studies. Applied Clay Science, 1999, 14, 69-82.	5.2	109
7	Adsorption of a cationic methylene blue dye on an Algerian palygorskite. Applied Clay Science, 2019, 179, 105145.	5.2	96
8	Geochemistry of Spanish sepiolite-palygorskite deposits: Genetic considerations based on trace elements and isotopes. Chemical Geology, 1994, 112, 221-245.	3.3	91
9	Effects of sand addition on production of lightweight aggregates from Tunisian smectite-rich clayey rocks. Applied Clay Science, 2007, 35, 228-237.	5.2	83
10	Assessment of olive mill solid residue (pomace) as an additive in lightweight brick production. Construction and Building Materials, 2012, 36, 495-500.	7.2	82
11	Fe2O3â€“palygorskite nanoparticles, efficient adsorbates for pesticide removal. Applied Clay Science, 2015, 115, 67-75.	5.2	62
12	Mineral quantification in sepiolite-palygorskite deposits using X-ray diffraction and chemical data. Clay Minerals, 1996, 31, 217-224.	0.6	52
13	Effect of acid treatment on the structure of sepiolite. Clay Minerals, 2003, 38, 353-360.	0.6	51
14	Pharmaceutical and Cosmetic Applications of Clays. Interface Science and Technology, 2004, 1, 267-289.	3.3	49
15	Pharmaceutical grade phyllosilicate dispersions: the influence of shear history on floc structure. International Journal of Pharmaceutics, 1999, 182, 7-20.	5.2	48
16	Mineralogical and geochemical characteristics (major, minor, trace elements and REE) of detrital and authigenic clay minerals in a Cenozoic sequence from Ross Sea, Antarctica. Clay Minerals, 2004, 39, 405-421.	0.6	48
17	Characterisation of northern Patagonian bentonites for pharmaceutical uses. Applied Clay Science, 2006, 31, 272-281.	5.2	46
18	Characterization of Iranian bentonites to be used as pharmaceutical materials. Applied Clay Science, 2015, 116-117, 193-201.	5.2	46

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19	Rheological and thermal characterization of peloids made of selected Portuguese geological materials. Applied Clay Science, 2011, 52, 219-227.	5.2	45
20	Effective removal of anionic and cationic dyes by kaolinite and TiO₂/kaolinite composites. Clay Minerals, 2016, 51, 19-27.	0.6	44
21	Folk pharmaceutical formulations in western Mediterranean: Identification and safety of clays used in pelotherapy. Journal of Ethnopharmacology, 2014, 155, 810-814.	4.1	40
22	Mineralogy and plasticity in clay sediments from north-east Tunisia. Journal of African Earth Sciences, 2010, 57, 41-46.	2.0	39
23	Suitability of natural sulphur-rich muds from Copahue (Argentina) for use as semisolid health care products. Applied Clay Science, 2010, 49, 205-212.	5.2	39
24	Influence of dispersion conditions of two pharmaceutical grade clays on their interaction with some tetracyclines. Applied Clay Science, 2005, 30, 79-86.	5.2	38
25	Mineralogical and geochemical characterization of palygorskite from Gabasa (NE Spain). Evidence of a detrital precursor. Clay Minerals, 1996, 31, 33-44.	0.6	37
26	Struvite and calcite crystallization induced by cellular membranes of Myxococcus xanthus. Journal of Crystal Growth, 1996, 163, 434-439.	1.5	36
27	Surface facies and sediment dispersal patterns: southeastern Gulf of Cadiz, Spanish continental margin. Marine Geology, 1999, 155, 83-98.	2.1	36
28	Adsorption/desorption of fungicides in natural clays from Southeastern Spain. Applied Clay Science, 2016, 132-133, 402-411.	5.2	36
29	Adsorption of metronidazole and spiramycin by an Algerian palygorskite. Effect of modification with tin. Microporous and Mesoporous Materials, 2018, 268, 293-302.	4.4	35
30	Palygorskite genesis through silicate transformation in Tunisian continental Eocene deposits. Clay Minerals, 2003, 38, 187-199.	0.6	34
31	Characterization of Portuguese geological materials to be used in medical hydrology. Applied Clay Science, 2011, 51, 258-266.	5.2	32
32	Crosslinked palygorskite-chitosan beads as diclofenac carriers. Applied Clay Science, 2019, 180, 105169.	5.2	32
33	Technological behaviour of some Tunisian clays prepared by dry ceramic processing. Clay Minerals, 2008, 43, 339-350.	0.6	31
34	Study of traditional Tunisian medina clays used in therapeutic and cosmetic mud-packs. Applied Clay Science, 2014, 101, 141-148.	5.2	31
35	Quantitative analysis of mineral phases in atmospheric dust deposited in the south-eastern Iberian Peninsula. Atmospheric Environment, 2011, 45, 3015-3024.	4.1	30
36	Trace elements in different marine sediment fractions of the Gulf of Tunis (Central Mediterranean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	29

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37	Origin of fibrous clays in Tunisian Paleogene continental deposits. Journal of African Earth Sciences, 2005, 43, 491-504.	2.0	27
38	Glacial erosion of East Antarctica in the Pliocene: A comparative study of multiple marine sediment provenance tracers. Chemical Geology, 2017, 466, 199-218.	3.3	26
39	Adsorption of linuron by an Algerian palygorskite modified with magnetic iron. Applied Clay Science, 2018, 164, 26-33.	5.2	26
40	Pharmaceutical and Cosmetic Uses of Fibrous Clays. Developments in Clay Science, 2011, 3, 299-324.	0.5	25
41	Mineralogical and chemical characterization of the sepiolite / Mg-smectite deposit at Mara (Calatayud) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	25
42	Characterization of Egyptian kaolins for health-care uses. Applied Clay Science, 2017, 135, 176-189.	5.2	21
43	Synthesis and characterization of zeolite LTA by hydrothermal transformation of a natural Algerian palygorskite. Applied Clay Science, 2020, 193, 105690.	5.2	21
44	The potential use of Tithonianâ€“Barremian detrital deposits from central Tunisia as raw materials for ceramic tiles and pigments. Applied Clay Science, 2010, 48, 552-560.	5.2	20
45	Physicochemical and in vitro cation release relevance of therapeutic muds â€œmaturationâ€• Applied Clay Science, 2015, 116-117, 1-7.	5.2	20
46	Mineralogy and geochemistry of the carbonates in the Calatayud Basin (Zaragoza, Spain). Chemical Geology, 1996, 130, 123-136.	3.3	19
47	Hyperspectral remote sensing for mapping and detection of Egyptian kaolin quality. Applied Clay Science, 2018, 160, 249-262.	5.2	19
48	Crystallite size as a function of kaolinite structural order-disorder and kaolin chemical variability: Sedimentological implication. Applied Clay Science, 2018, 162, 261-267.	5.2	19
49	Characteristics of Pharmaceutical Grade Phyllosilicate Powders. Pharmaceutical Development and Technology, 2000, 5, 47-52.	2.4	17
50	Use of water uptake and capillary suction time measures for evaluation of the anti-diarrhoeic properties of fibrous clays. Applied Clay Science, 2001, 20, 81-86.	5.2	17
51	One-dimensional filtration of pharmaceutical grade phyllosilicate dispersions. International Journal of Pharmaceutics, 2001, 217, 201-213.	5.2	17
52	CLAYS IN COSMETICS AND PERSONAL-CARE PRODUCTS. Clays and Clay Minerals, 2021, 69, 561-575.	1.3	17
53	Clay minerals in late Quaternary sediments from the south Chilean margin as indicators of provenance and palaeoclimate. Clay Minerals, 2008, 43, 235-253.	0.6	16
54	Ceramic tiles based on central Tunisian clays (Sidi Khalif formation). Clay Minerals, 2012, 47, 165-175.	0.6	16

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55	Effect of different surfactants on germination and root elongation of two horticultural crops: implications for seed coating. New Zealand Journal of Crop and Horticultural Science, 2019, 47, 83-98.	1.3	15
56	Lipid and mineralogical composition of the Cretaceous black shale deposits of the Fardes Formation (southern Iberian Paleomargin, Betic Cordillera, south Spain). Chemical Geology, 1990, 82, 341-363.	3.3	14
57	Tritium redistribution between water and clay minerals. Applied Clay Science, 2008, 39, 151-159.	5.2	14
58	Clay mineralogy in southern Africa river muds. Clay Minerals, 2014, 49, 717-733.	0.6	14
59	Genesis of the Eastern Iranian bentonite deposits. Applied Clay Science, 2019, 168, 56-67.	5.2	13
60	Flow and Tableting Behaviors of Some Egyptian Kaolin Powders as Potential Pharmaceutical Excipients. Minerals (Basel, Switzerland), 2020, 10, 23.	2.0	13
61	Rheology and cation release of tunisian medina mud-packs intended for topical applications. Applied Clay Science, 2019, 171, 110-117.	5.2	12
62	Clay mineralogy as a tool for integrated sequence stratigraphic and palaeogeographic reconstructions: Late Oligoceneâ€“Early Aquitanian western internal South Iberian Margin, Spain. Geological Journal, 2013, 48, 363-375.	1.3	11
63	Design and characterization of spring water hydrogels with natural inorganic excipients. Applied Clay Science, 2020, 197, 105772.	5.2	11
64	Enhanced antimicrobial activity and physicochemical stability of rapid pyro-fabricated silver-kaolinite nanocomposite. International Journal of Pharmaceutics, 2021, 598, 120372.	5.2	11
65	Clay mineralogy of the Tertiary sediments in the Internal Subbetic of MÃ¡laga Province, S Spain: implications for geodynamic evolution. Clay Minerals, 2001, 36, 615-620.	0.6	11
66	The effect of recrystallization on the crystal growth, melting point and solubility of ketoconazole. Thermochimica Acta, 1995, 268, 143-151.	2.7	10
67	Thermal properties of some Egyptian kaolin pastes for pelotherapeutic applications: Influence of particle geometry on thermal dosage release. Applied Clay Science, 2018, 160, 193-200.	5.2	10
68	Clay minerals in recent sediments of the continental shelf and the Bay of CÃ¡diz (SW Spain). Clay Minerals, 1997, 32, 507-515.	0.6	9
69	Palaeogeography and clay mineralogy of mid-Cretaceous flysches in the Gibraltar Arc area. Cretaceous Research, 1992, 13, 421-443.	1.4	8
70	Characteristics of Pharmaceutical Grade Phyllosilicate Compacts. Pharmaceutical Development and Technology, 2000, 5, 53-58.	2.4	7
71	Tritium accumulation in structures of clay minerals. Clay Minerals, 2002, 37, 497-508.	0.6	7
72	TRACE AND RARE EARTH ELEMENT DISTRIBUTION AND MOBILITY DURING DIAGENETIC ALTERATION OF VOLCANIC ASH TO BENTONITE IN EASTERN IRANIAN BENTONITE DEPOSITS. Clays and Clay Minerals, 2020, 68, 50-66.	1.3	7

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73	Clay mineral assemblages as indicators of hydrothermalism in the basal part of the CRP-3 core (Victoria Land Basin, Antarctica). Clay Minerals, 2009, 44, 389-404.	0.6	6
74	Characterisation of Tunisian layered clay materials to be used in semisolid health care products. Materials Technology, 2014, 29, B88-B95.	3.0	6
75	Characterization of Venezuelan kaolins as health care ingredients. Applied Clay Science, 2019, 175, 30-39.	5.2	6
76	Colloidal and Thermal Behaviors of Some Venezuelan Kaolin Pastes for Therapeutic Applications. Minerals (Basel, Switzerland), 2019, 9, 756.	2.0	5
77	The use of Dynamic Evolved Gas Analysis (DEGA) to resolve ceramic defects. Applied Clay Science, 2014, 87, 292-297.	5.2	4
78	The distribution of clay minerals, rare-earths and trace elements in middle cretaceous mudstones of the southern Iberian paleomargin. Chemical Geology, 1990, 84, 169-172.	3.3	3
79	Adsorption of nutrients on natural Spanish clays for enriching seed coatings. Adsorption, 2017, 23, 821-829.	3.0	3
80	DÃ©couverte de l'Ã‰ocÃ¨ne continental autour de l'archipel de Kasserine, aux Jebels RhÃ©ouis, Boudinar et Chamsi en Tunisie centro-mÃ©ridionale : nouvelles implications palÃ©ogÃ©ographiques. Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ¨tes =, 2001, 333, 329-335.	0.2	2
81	Mineralogy and geochemistry of middle-cretaceous clays in flysches in the â€œCampo de Gibraltarâ€• complex (southern Spain). Chemical Geology, 1990, 84, 271-274.	3.3	1
82	The XVI ICC-2017 Special Issue. Applied Clay Science, 2018, 160, 1-2.	5.2	0