

Mohamed Hajjaji

List of Publications by Year in descending order

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58
papers

1,175
citations

393982

19
h-index

395343

33
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58
all docs

58
docs citations

58
times ranked

1184
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of methylene blue from aqueous solution by fibrous clay minerals. <i>Journal of Hazardous Materials</i> , 2006, 135, 188-192.	6.5	91
2	Microstructure and physical properties of lime-clayey adobe bricks. <i>Construction and Building Materials</i> , 2008, 22, 2386-2392.	3.2	88
3	Mineralogy and firing characteristics of a clay from the valley of Ourika (Morocco). <i>Applied Clay Science</i> , 2002, 21, 203-212.	2.6	79
4	Chemical and mineralogical characterization of a clay taken from the Moroccan Meseta and a study of the interaction between its fine fraction and methylene blue. <i>Applied Clay Science</i> , 2001, 20, 1-12.	2.6	77
5	Phosphate sludge: Thermal transformation and use as lightweight aggregate material. <i>Journal of Environmental Management</i> , 2013, 130, 354-360.	3.8	68
6	Adsorption of methylene blue and zinc ions on raw and acid-activated bentonite from Morocco. <i>Applied Clay Science</i> , 2009, 46, 418-421.	2.6	66
7	Effects of two mixtures of kaolin-talc-bauxite and firing temperatures on the characteristics of cordierite-based ceramics. <i>Journal of Building Engineering</i> , 2016, 8, 99-106.	1.6	49
8	Physical properties, microstructure and mineralogy of termite mound material considered as construction materials. <i>Applied Clay Science</i> , 2011, 52, 160-164.	2.6	44
9	Cement-lateritic gravels mixtures: Microstructure and strength characteristics. <i>Construction and Building Materials</i> , 2008, 22, 2078-2086.	3.2	41
10	Sintering mechanism and ceramic phases of an illitic-chloritic raw clay. <i>Journal of the European Ceramic Society</i> , 2006, 26, 161-167.	2.8	40
11	Effects of some processing factors on technical properties of a clay-based ceramic material. <i>Applied Clay Science</i> , 2012, 65-66, 106-113.	2.6	40
12	A Chloritic-illitic clay from Morocco: Temperature-time transformation and neoformation. <i>Applied Clay Science</i> , 2009, 45, 83-89.	2.6	38
13	Effects of the experimental factors on the microstructure and the properties of cured alkali-activated heated clay. <i>Applied Clay Science</i> , 2015, 116-117, 202-210.	2.6	34
14	Influence of NaOH concentration on microstructure and properties of cured alkali-activated calcined clay. <i>Journal of Building Engineering</i> , 2017, 11, 158-165.	1.6	29
15	Evaluation of the Simultaneous Effects of Firing Cycle Parameters on Technological Properties and Ceramic Suitability of a Raw Clay Using the Response Surface Methodology. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1563-1567.	1.9	28
16	Dendrimers and hyper-branched polymers interacting with clays: fruitful associations for functional materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19634-19650.	5.2	25
17	A calcareous clay from Tamesloht (Al Haouz, Morocco): Properties and thermal transformations. <i>Applied Clay Science</i> , 2011, 51, 507-510.	2.6	22
18	Clay - calcite mixes: sintering and phase formation. <i>Advances in Applied Ceramics</i> , 2004, 103, 29-32.	0.4	20

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19	Microstructural characterization and influence of manufacturing parameters on technological properties of vitreous ceramic materials. <i>Materials Characterization</i> , 2010, 61, 289-295.	1.9	19
20	Clayey wastes-based lightweight aggregates: Heating transformations and physical/mechanical properties. <i>Applied Clay Science</i> , 2017, 150, 56-62.	2.6	18
21	Geopolymerization of glass- and silicate-containing heated clay. <i>Construction and Building Materials</i> , 2018, 159, 598-609.	3.2	18
22	Solid solubility of hafnium in nickel. <i>Journal of Alloys and Compounds</i> , 1998, 274, 185-188.	2.8	17
23	Oil shale amended raw clay: Firing transformations and ceramic properties. <i>Construction and Building Materials</i> , 2009, 23, 959-966.	3.2	17
24	Heated blends of phosphate waste: Microstructure characterization, effects of processing factors and use as a phosphorus source for alfalfa growth. <i>Journal of Environmental Management</i> , 2016, 177, 169-176.	3.8	17
25	Heated blends of clay and phosphate sludge: Microstructure and physical properties. <i>Journal of Asian Ceramic Societies</i> , 2016, 4, 11-18.	1.0	14
26	Retention and release of hexavalent and trivalent chromium by chitosan, olive stone activated carbon, and their blend. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19585-19604.	2.7	14
27	Firing transformations of a carbonatic clay from the High Atlas, Morocco. <i>Clay Minerals</i> , 2003, 38, 361-365.	0.2	12
28	Influence of operating conditions on methylene blue uptake by a smectite rich clay fraction. <i>Applied Clay Science</i> , 2009, 44, 127-129.	2.6	12
29	Phosphate sludge-based ceramics: Microstructure and effects of processing factors. <i>Journal of Building Engineering</i> , 2017, 11, 48-55.	1.6	12
30	Quantification of the effects of manufacturing factors on ceramic properties using full factorial design. <i>Journal of Asian Ceramic Societies</i> , 2015, 3, 32-37.	1.0	11
31	Alkali-etched heated clay: Microstructure and physical/mechanical properties. <i>Journal of Asian Ceramic Societies</i> , 2016, 4, 234-242.	1.0	11
32	Dendrimers-containing organoclays: Characterisation and interaction with methylene blue. <i>Applied Clay Science</i> , 2017, 136, 142-151.	2.6	11
33	Chemical and mineralogical characterization and ceramic suitability of raw feldspathic materials from Dschang (Cameroon). <i>Bulletin of the Chemical Society of Ethiopia</i> , 2010, 24, .	0.5	10
34	Chromate adsorption on acid-treated and amines-modified clay. <i>Applied Water Science</i> , 2015, 5, 73-79.	2.8	10
35	Removal of chromate from aqueous solutions by dendrimers-clay nanocomposites. <i>Desalination and Water Treatment</i> , 2016, 57, 14290-14303.	1.0	10
36	Chemico-mineralogical study of a moroccan clay. <i>Annales De Chimie: Science Des Materiaux</i> , 1998, 23, 173-176.	0.2	7

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37	Hydrated burnt clay-lime mixes: Effects of curing time and lime addition. <i>Applied Clay Science</i> , 2014, 101, 177-183.	2.6	6
38	Adsorption capacity of sodic- and dendrimers-modified stevensite. <i>Clay Minerals</i> , 2018, 53, 525-544.	0.2	6
39	Microstructure of aged binary nickel-hafnium alloy. <i>Journal of Alloys and Compounds</i> , 1998, 274, 189-192.	2.8	5
40	Mineralogical and geochemical features of the wollastonite deposit of Azegour, haut-atlas (Morocco). <i>Journal of African Earth Sciences</i> , 2011, 60, 247-252.	0.9	5
41	Electrodeposition of casein coatings on zinc alloy. <i>Progress in Organic Coatings</i> , 1997, 31, 341-345.	1.9	4
42	Peraluminous rocks of Bou-Azzer region (Morocco): Geology and firing transformations. <i>Journal of African Earth Sciences</i> , 2008, 52, 114-120.	0.9	4
43	Heating Transformations, Technical Properties and Ceramic Suitability of Clays. <i>Transactions of the Indian Ceramic Society</i> , 2013, 72, 201-205.	0.4	4
44	Adsorption of blue copper on a natural and electrochemically treated bentonite. <i>Applied Water Science</i> , 2016, 6, 11-23.	2.8	4
45	Effects of processing parameters on aluminium-lithium ribbon production. <i>Journal of Alloys and Compounds</i> , 1992, 188, 194-197.	2.8	3
46	Electrodeposition and characterization of casein coatings on a zinc alloy. <i>Progress in Organic Coatings</i> , 1998, 33, 7-13.	1.9	3
47	Microstructural characterisation and physical properties of cured thermally activated clay-lime blends. <i>Construction and Building Materials</i> , 2011, 26, 226-226.	3.2	3
48	Cured cuttlebone/chitosan-heated clay composites: Microstructural characterization and practical performances. <i>Journal of Building Engineering</i> , 2019, 26, 100872.	1.6	2
49	Ceramic suitability of a Moroccan triassic clays. <i>European Physical Journal Special Topics</i> , 2005, 123, 323-326.	0.2	2
50	Structural change and firing characteristics of a dolomitic clay. <i>European Journal of Control</i> , 2006, 31, 23-30.	1.6	2
51	Effects of lithium addition and wheel velocity on the microstructure of aluminium-lithium alloy ribbons. <i>Journal of Materials Science</i> , 1996, 31, 1027-1034.	1.7	1
52	Effect of Addition of Talc on the Properties of Feldspar-Kaolinitic Clay Blends during Heating. <i>Transactions of the Indian Ceramic Society</i> , 2013, 72, 252-256.	0.4	1
53	Chitosan-containing organoclays: Structural characterization and retention/removal of methylene blue. , 0, 141, 342-355.		1
54	Phases in as-spun and aged binary aluminium-lithium ribbons. <i>Journal of Materials Science</i> , 1996, 31, 3715-3721.	1.7	0

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55	Oxydation du phenol sur un catalyseur Å base de Fer supportÅ© sur une argile marocaine. Afrique Science Revue Internationale Des Sciences Et Technologie, 2010, 5, .	0.1	0
56	Evaluation methods for ceramic suitability of raw clays. MATEC Web of Conferences, 2013, 5, 02003.	0.1	0
57	Mineralogical Characterization and Thermal Transformations of Talc-Carbonate Rocks from Agoundis (High-Atlas, Morocco). Transactions of the Indian Ceramic Society, 2014, 73, 205-210.	0.4	0
58	Technological properties and structural change of a fired carbonatic clay from Ourzazat (Morocco). European Physical Journal Special Topics, 2005, 123, 183-187.	0.2	0