

# Mohamed Hajjaji

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,175  
citations

393982

19  
h-index

395343

33  
g-index

58  
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58  
docs citations

58  
times ranked

1184  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cured cuttlebone/chitosan-heated clay composites: Microstructural characterization and practical performances. <i>Journal of Building Engineering</i> , 2019, 26, 100872.	1.6	2
3	Geopolymerization of glass- and silicate-containing heated clay. <i>Construction and Building Materials</i> , 2018, 159, 598-609.	3.2	18
4	Adsorption capacity of sodic- and dendrimers-modified stevensite. <i>Clay Minerals</i> , 2018, 53, 525-544.	0.2	6
5	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
6	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
7	Phosphate sludge-based ceramics: Microstructure and effects of processing factors. <i>Journal of Building Engineering</i> , 2017, 11, 48-55.	1.6	12
8	Clayey wastes-based lightweight aggregates: Heating transformations and physical/mechanical properties. <i>Applied Clay Science</i> , 2017, 150, 56-62.	2.6	18
9	Dendrimers-containing organoclays: Characterisation and interaction with methylene blue. <i>Applied Clay Science</i> , 2017, 136, 142-151.	2.6	11
10	Adsorption of blue copper on a natural and electrochemically treated bentonite. <i>Applied Water Science</i> , 2016, 6, 11-23.	2.8	4
11	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
12	Alkali-etched heated clay: Microstructure and physical/mechanical properties. <i>Journal of Asian Ceramic Societies</i> , 2016, 4, 234-242.	1.0	11
13	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
14	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
15	Removal of chromate from aqueous solutions by dendrimers-clay nanocomposites. <i>Desalination and Water Treatment</i> , 2016, 57, 14290-14303.	1.0	10
16	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
17	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
18	Chromate adsorption on acid-treated and amines-modified clay. <i>Applied Water Science</i> , 2015, 5, 73-79.	2.8	10

#	ARTICLE	IF	CITATIONS
19	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
20	Hydrated burnt clay-lime mixes: Effects of curing time and lime addition. Applied Clay Science, 2014, 101, 177-183.	2.6	6
21	Phosphate sludge: Thermal transformation and use as lightweight aggregate material. Journal of Environmental Management, 2013, 130, 354-360.	3.8	68
22	Effect of Addition of Talc on the Properties of Feldspar-Kaolinitic Clay Blends during Heating. Transactions of the Indian Ceramic Society, 2013, 72, 252-256.	0.4	1
23	Heating Transformations, Technical Properties and Ceramic Suitability of Clays. Transactions of the Indian Ceramic Society, 2013, 72, 201-205.	0.4	4
24	Evaluation methods for ceramic suitability of raw clays. MATEC Web of Conferences, 2013, 5, 02003.	0.1	0
25	Effects of some processing factors on technical properties of a clay-based ceramic material. Applied Clay Science, 2012, 65-66, 106-113.	2.6	40
26	A calcareous clay from Tamesloht (Al Haouz, Morocco): Properties and thermal transformations. Applied Clay Science, 2011, 51, 507-510.	2.6	22
27	Physical properties, microstructure and mineralogy of termite mound material considered as construction materials. Applied Clay Science, 2011, 52, 160-164.	2.6	44
28	Microstructural characterisation and physical properties of cured thermally activated clay-lime blends. Construction and Building Materials, 2011, 26, 226-226.	3.2	3
29	Mineralogical and geochemical features of the wollastonite deposit of Azegour, haut-atlas (Morocco). Journal of African Earth Sciences, 2011, 60, 247-252.	0.9	5
30	Microstructural characterization and influence of manufacturing parameters on technological properties of vitreous ceramic materials. Materials Characterization, 2010, 61, 289-295.	1.9	19
31	Oxydation du phenol sur un catalyseur à base de Fer supporté sur une argile marocaine. Afrique Science Revue Internationale Des Sciences Et Technologie, 2010, 5, .	0.1	0
32	<b>Chemical and mineralogical characterization and ceramic suitability of raw feldspathic materials from Dschang (Cameroon)</b>. Bulletin of the Chemical Society of Ethiopia, 2010, 24, .	0.5	10
33	Oil shale amended raw clay: Firing transformations and ceramic properties. Construction and Building Materials, 2009, 23, 959-966.	3.2	17
34	Influence of operating conditions on methylene blue uptake by a smectite rich clay fraction. Applied Clay Science, 2009, 44, 127-129.	2.6	12
35	A Chloritic-illitic clay from Morocco: Temperature-time transformation and neof ormation. Applied Clay Science, 2009, 45, 83-89.	2.6	38
36	Adsorption of methylene blue and zinc ions on raw and acid-activated bentonite from Morocco. Applied Clay Science, 2009, 46, 418-421.	2.6	66

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37	Peraluminous rocks of Bou-Azzer region (Morocco): Geology and firing transformations. Journal of African Earth Sciences, 2008, 52, 114-120.	0.9	4
38	Cement-lateritic gravels mixtures: Microstructure and strength characteristics. Construction and Building Materials, 2008, 22, 2078-2086.	3.2	41
39	Microstructure and physical properties of lime-clayey adobe bricks. Construction and Building Materials, 2008, 22, 2386-2392.	3.2	88
40	Evaluation of the Simultaneous Effects of Firing Cycle Parameters on Technological Properties and Ceramic Suitability of a Raw Clay Using the Response Surface Methodology. Journal of the American Ceramic Society, 2006, 89, 1563-1567.	1.9	28
41	Removal of methylene blue from aqueous solution by fibrous clay minerals. Journal of Hazardous Materials, 2006, 135, 188-192.	6.5	91
42	Sintering mechanism and ceramic phases of an illitic-chloritic raw clay. Journal of the European Ceramic Society, 2006, 26, 161-167.	2.8	40
43	Structural change and firing characteristics of a dolomitic clay. European Journal of Control, 2006, 31, 23-30.	1.6	2
44	Ceramic suitability of a Moroccan triassic clays. European Physical Journal Special Topics, 2005, 123, 323-326.	0.2	2
45	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
46	Clay - calcite mixes: sintering and phase formation. Advances in Applied Ceramics, 2004, 103, 29-32.	0.4	20
47	Firing transformations of a carbonatic clay from the High Atlas, Morocco. Clay Minerals, 2003, 38, 361-365.	0.2	12
48	Mineralogy and firing characteristics of a clay from the valley of Ourika (Morocco). Applied Clay Science, 2002, 21, 203-212.	2.6	79
49	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. Applied Clay Science, 2001, 20, 1-12.	2.6	77
50	Chemico-mineralogical study of a moroccan clay. Annales De Chimie: Science Des Materiaux, 1998, 23, 173-176.	0.2	7
51	Electrodeposition and characterization of casein coatings on a zinc alloy. Progress in Organic Coatings, 1998, 33, 7-13.	1.9	3
52	Solid solubility of hafnium in nickel. Journal of Alloys and Compounds, 1998, 274, 185-188.	2.8	17
53	Microstructure of aged binary nickel-hafnium alloy. Journal of Alloys and Compounds, 1998, 274, 189-192.	2.8	5
54	Electrodeposition of casein coatings on zinc alloy. Progress in Organic Coatings, 1997, 31, 341-345.	1.9	4

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55	Phases in as-spun and aged binary aluminium-lithium ribbons. Journal of Materials Science, 1996, 31, 3715-3721.	1.7	0
56	Effects of lithium addition and wheel velocity on the microstructure of aluminium-lithium alloy ribbons. Journal of Materials Science, 1996, 31, 1027-1034.	1.7	1
57	Effects of processing parameters on aluminium-lithium ribbon production. Journal of Alloys and Compounds, 1992, 188, 194-197.	2.8	3
58	Chitosan-containing organoclays: Structural characterization and retention/removal of methylene blue. , 0, 141, 342-355.		1