

MãœÅerref Ã-nal

List of Publications by Year in descending order

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62
papers

1,469
citations

361296

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37
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all docs

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docs citations

62
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline studies of the Clay Minerals Society source clays: specific surface area by the Brunauer Emmett Teller (BET) method. <i>Clays and Clay Minerals</i> , 2006, 54, 62-66.	0.6	168
2	The Effect of Thermal Treatment on Some of the Physicochemical Properties of a Bentonite. <i>Clays and Clay Minerals</i> , 2000, 48, 557-562.	0.6	117
3	Preparation and characterization of acid-activated bentonite powders. <i>Powder Technology</i> , 2007, 172, 14-18.	2.1	105
4	The effect of sulphuric acid activation on the crystallinity, surface area, porosity, surface acidity, and bleaching power of a bentonite. <i>Food Chemistry</i> , 2007, 105, 156-163.	4.2	82
5	Thermal behavior of a bentonite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 167-172.	2.0	76
6	Swelling and cation exchange capacity relationship for the samples obtained from a bentonite by acid activations and heat treatments. <i>Applied Clay Science</i> , 2007, 37, 74-80.	2.6	61
7	Thermal analysis of a white calcium bentonite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 873-879.	2.0	61
8	The effect of heating on the surface area, porosity and surface acidity of a bentonite. <i>Clays and Clay Minerals</i> , 2006, 54, 375-381.	0.6	51
9	Simultaneous determination of cation exchange capacity and surface area of acid activated bentonite powders by methylene blue sorption. <i>Applied Surface Science</i> , 2012, 258, 2534-2539.	3.1	51
10	Thermal behavior of a mineral mixture of sepiolite and dolomite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 813-817.	2.0	41
11	Characterization of silica polymorphs in kaolins by X-ray diffraction before and after phosphoric acid digestion and thermal treatment. <i>Analytica Chimica Acta</i> , 2005, 552, 201-206.	2.6	38
12	Intercalated polyaniline/Na-montmorillonite nanocomposites via oxidative polymerization. <i>Journal of Polymer Research</i> , 2007, 14, 313-317.	1.2	37
13	Preparation and characterization of a ZnO powder with the hexagonal plate particles. <i>Powder Technology</i> , 2008, 181, 285-291.	2.1	36
14	Thermal behaviour of alumina precursor obtained by the aluminium sulphate-urea reaction in boiling aqueous solution. <i>Ceramics International</i> , 2003, 29, 513-518.	2.3	35
15	Thermal analysis of some organoclays. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 261-265.	2.0	32
16	Differentiation of β -cristobalite from opals in bentonites from Turkey. <i>Applied Clay Science</i> , 2007, 35, 25-30.	2.6	28
17	Some physicochemical properties of a clay containing smectite and palygorskite. <i>Applied Clay Science</i> , 2009, 44, 161-165.	2.6	26
18	Sensitive and cost effective disposable composite electrode based on graphite, nano-smectite and multiwall carbon nanotubes for the simultaneous trace level detection of ascorbic acid and acetylsalicylic acid in pharmaceuticals. <i>Talanta</i> , 2019, 203, 131-139.	2.9	25

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19	Determination of the shape, size and porosity of fine $\hat{I}\pm$ -Al ₂ O ₃ powders prepared by emulsion evaporation. Journal of the European Ceramic Society, 2002, 22, 305-309.	2.8	22
20	Polymethacrylamide/Na-montmorillonite nanocomposites synthesized by free-radical polymerization. Materials Letters, 2006, 60, 48-52.	1.3	22
21	Some thermal characteristics of a mineral mixture of palygorskite, metahalloysite, magnesite and dolomite. Journal of Thermal Analysis and Calorimetry, 2007, 89, 169-174.	2.0	20
22	Bismuth nanoparticles decorated on Na-montmorillonite-multiwall carbon nanotube for simultaneous determination of heavy metal ions- electrochemical methods. Journal of Electroanalytical Chemistry, 2022, 910, 116205.	1.9	20
23	Synthesis and characterization of poly(glycidyl methacrylate)/Na-montmorillonite nanocomposites. Journal of Applied Polymer Science, 2004, 94, 1532-1538.	1.3	19
24	The effect of boron containing frits on the anorthite formation temperature in kaolin–wollastonite mixtures. Journal of the European Ceramic Society, 2003, 23, 2061-2066.	2.8	17
25	Thermal deformation thermodynamics of a smectite mineral. Journal of Thermal Analysis and Calorimetry, 2008, 91, 299-303.	2.0	17
26	Some physicochemical properties of the white sepiolite known as pipestone from EskĀhĀr, Turkey. Clays and Clay Minerals, 2008, 56, 511-519.	0.6	16
27	A model for initial-stage sintering thermodynamics of an alumina powder. Powder Technology, 2008, 188, 9-12.	2.1	15
28	Some physicochemical properties of methylammonium and ethylenediammonium smectites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 312, 56-61.	2.3	14
29	The effect of organic cation content on the interlayer spacing, surface area and porosity of methyltributylammonium-smectite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 317, 323-327.	2.3	14
30	Synthesis, characterization, and properties of conducting polypyrrole/Na-montmorillonite nanocomposites. Journal of Thermoplastic Composite Materials, 2012, 25, 505-520.	2.6	14
31	Thermal degradation kinetics of sepiolite. Clay Minerals, 2020, 55, 96-100.	0.2	13
32	Investigation of the intra-particle sintering kinetics of a mainly agglomerated alumina powder by using surface area reduction. Powder Technology, 2006, 168, 37-41.	2.1	12
33	The effect of heat treatment on the paracrystallinity of an opal-CT found in a bentonite. Journal of Non-Crystalline Solids, 2007, 353, 4195-4198.	1.5	12
34	Some physicochemical properties of partition nanophase formed in sorptive organoclays. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 296, 216-221.	2.3	12
35	Thermal transformation kinetics of a kaolinitic clay. Journal of Thermal Analysis and Calorimetry, 2016, 123, 767-772.	2.0	12
36	High temperature carburizing of a stainless steel with uranium carbide. Journal of Alloys and Compounds, 2012, 542, 253-256.	2.8	11

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37	Applications of the zero-order reaction rate model and transition state theory on the intra-particle sintering of an alumina powder by using surface area measurements. <i>Journal of Alloys and Compounds</i> , 2007, 432, 194-199.	2.8	10
38	Study on the synthesis and properties of polyacrylamide/Na-montmorillonite nanocomposites. <i>Journal of Composite Materials</i> , 2014, 48, 439-446.	1.2	10
39	Synthesis, characterization and some physicochemical properties of polypyrrole/halloysite composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 222-228.	1.2	10
40	Simultaneous Trace Electrochemical Determination of Xanthine Theophylline and Theobromine with a Novel Sensor Based on a Composite Including Metal Oxide Nanoparticle Multi-walled Carbon Nanotube and Nano- Na^+ -montmorillonite Clay. <i>Electroanalysis</i> , 2021, 33, 2226-2234.	1.5	9
41	Kinetic and thermodynamic approaches on thermal degradation of sepiolite crystal using XRD-analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 2667-2672.	2.0	8
42	A model developed for acid dissolution thermodynamics of a Turkish bentonite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 591-596.	2.0	7
43	Preparation and characterization of polymethacrylamide/halloysite composites. <i>Polymer Composites</i> , 2020, 41, 893-899.	2.3	7
44	Preparation and Characterization of Intercalated Polymethacrylamide/ Na^+ -Montmorillonite Nanocomposites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 933-943.	1.2	5
45	Maximum Bleaching of Vegetable Oils by Acid-Activated Bentonite: Influence of Nanopore Radius. <i>Adsorption Science and Technology</i> , 2012, 30, 97-104.	1.5	5
46	Polythiophene/Na-montmorillonite composites via intercalative polymerization. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 145-159.	2.6	5
47	Preparation and characterization of nanoporous powders from bentonite by hydrochloric acid leaching and using as bleaching earth. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	5
48	Poly(methyl acrylate)/ Na^+ -montmorillonite intercalated composites: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3662-3667.	1.3	4
49	Application of diffusion and transition state theories on the carburizing of steel AISI 316 by annealing in uranium carbide powder. <i>Heliyon</i> , 2019, 5, e02305.	1.4	4
50	Characterization of a bentonite and its permanent aqueous suspension. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2020, 7, 11-18.	0.4	4
51	Thermal characterization of methyltributylammonium-smectites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 835-839.	2.0	3
52	Preparation and characterization of poly(2-hydroxyethyl methacrylate)/ Na-montmorillonite intercalated nanocomposites. <i>Journal of Polymer Engineering</i> , 2013, 33, 27-32.	0.6	3
53	An indirect model for sintering thermodynamics. <i>Turkish Journal of Chemistry</i> , 2016, 40, 841-845.	0.5	3
54	Thermal deactivation kinetics and thermodynamics of a silica gel using surface area data. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 1505-1510.	2.0	3

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55	Irreversible ammonia adsorption on asphaltite bottom ash: A thermodynamic approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 126933.	2.3	3
56	An indirect thermodynamic model developed for initial stage sintering of an alumina compacts by using porosity measurements. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 419-423.	2.0	2
57	Adsorption from n-heptane/benzene liquid mixture on acid leached bentonite powders. <i>Applied Surface Science</i> , 2013, 283, 678-682.	3.1	2
58	The Effect of the Hydrothermal and Thermal Deactivations on the Adsorptive Properties and Liquid Permeability of a Silica Gel. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 0, , .	0.4	2
59	Thermal Crystallization Kinetics of an Opal-like Biogenic Silica. <i>Silicon</i> , 0, , 1.	1.8	2
60	Removing tar and nicotine from mainstream cigarette smoke using sepiolite-modified filter tips. <i>Clay Minerals</i> , 2020, 55, 375-382.	0.2	1
61	Optimization of bleaching power by sulfuric acid activation of bentonite. <i>Clay Minerals</i> , 2021, 56, 148-155.	0.2	0
62	Isothermal compressibility and isobaric thermal shrinkage of a porous γ -alumina compact: thermodynamic calculations. <i>Turkish Journal of Chemistry</i> , 2020, 44, 833-840.	0.5	0