

Jadambaa Temuujin

List of Publications by Year in descending order

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79
papers

4,032
citations

159525

30
h-index

118793

62
g-index

80
all docs

80
docs citations

80
times ranked

3051
citing authors

#	ARTICLE	IF	CITATIONS
1	Preface - volume 22(48), 2021. Mongolian Journal of Chemistry, 2021, 22, i.	0.1	0
2	Preface - vol. 20. Mongolian Journal of Chemistry, 2020, 21, i.	0.1	0
3	Effect of Mechanical Activation of Fluidized Bed Fly Ash on Geopolymer Properties. Solid State Phenomena, 2019, 288, 51-58.	0.3	5
4	Reactivity of fly ashes milled in different milling devices. Reviews on Advanced Materials Science, 2019, 58, 179-188.	1.4	17
5	Processing and uses of fly ash addressing radioactivity (critical review). Chemosphere, 2019, 216, 866-882.	4.2	63
6	Leaching of a Mongolian chalcopryrite concentrate. Mongolian Journal of Chemistry, 2019, 19, 1-4.	0.1	2
7	Preface Vol.20. Mongolian Journal of Chemistry, 2019, 20, i.	0.1	0
8	Synthesis of new triple molybdates $K_5RZr(MoO_4)_6$ ($R = Al, Cr, Fe, In, Sc$) in the $K_2MoO_4-R_2(MoO_4)_3-Zr(MoO_4)_2$ systems, their structure and electrical properties. Journal of Alloys and Compounds, 2018, 741, 834-839.	2.8	17
9	Comparative Studies of Alkali Activated South African Class F and Mongolian Class C Fly Ashes. Waste and Biomass Valorization, 2018, 9, 1047-1060.	1.8	5
10	A new double molybdate of erbium and zirconium, its crystalline structure and properties. Journal of Alloys and Compounds, 2017, 701, 750-753.	2.8	15
11	Properties of geopolymer binders prepared from milled pond ash. Materiales De Construccion, 2017, 67, 134.	0.2	23
12	Thermal Reactions of Mechanically Milled Wolframite and Thermal Coal Mixtures. Advanced Materials Research, 2016, 1139, 7-11.	0.3	0
13	Phosphorus fertilizer prepared from natural Burenkhaan phosphorite (Mongolia) by a mechanical activation. Geosystem Engineering, 2016, 19, 119-124.	0.7	3
14	Carbothermic reactions of mechanically milled coal and wolframite mixtures under Ar and N ₂ atmospheres. Journal of Thermal Analysis and Calorimetry, 2015, 121, 597-601.	2.0	0
15	Fundamentals of Geopolymers and Related Alkali Activated Materials. Materials Science Forum, 2014, 803, 144-147.	0.3	3
16	Utilization of radioactive high-calcium Mongolian flyash for the preparation of alkali-activated geopolymers for safe use as construction materials. Ceramics International, 2014, 40, 16475-16483.	2.3	73
17	Study of Geopolymer Type Paste and Concrete from High Calcium Mongolian Fly Ashes. Transactions of the Indian Ceramic Society, 2014, 73, 157-160.	0.4	5
18	Characterisation of granulometric composition of a Mongolian fly ash and its application for value added products. , 2013, , .		2

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19	Preparation of geopolymer type binder from Mongolian fly ash and its characterisation. , 2013, , .		1
20	Characterization of various fly ashes for preparation of geopolymers with advanced applications. Advanced Powder Technology, 2013, 24, 495-498.	2.0	40
21	Thermal analysis of geopolymer pastes synthesised from five fly ashes of variable composition. Journal of Non-Crystalline Solids, 2012, 358, 1830-1839.	1.5	200
22	Thermal properties of spray-coated geopolymer-type compositions. Journal of Thermal Analysis and Calorimetry, 2012, 107, 287-292.	2.0	51
23	Preparation of Zeolitic Compounds From Fly Ash. , 2012, , .		1
24	Preparation and thermal properties of fire resistant metakaolin-based geopolymer-type coatings. Journal of Non-Crystalline Solids, 2011, 357, 1399-1404.	1.5	185
25	Characterisation of class F fly ash geopolymer pastes immersed in acid and alkaline solutions. Cement and Concrete Composites, 2011, 33, 1086-1091.	4.6	111
26	Assessing the suitability of three Australian fly ashes as an aluminosilicate source for geopolymers in high temperature applications. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 3390-3397.	2.6	193
27	Preparation of zeolitic compounds from high calcium fly ash. , 2011, , .		0
28	Fly ash based geopolymer thin coatings on metal substrates and its thermal evaluation. Journal of Hazardous Materials, 2010, 180, 748-752.	6.5	120
29	Preparation and characterisation of fly ash based geopolymer mortars. Construction and Building Materials, 2010, 24, 1906-1910.	3.2	270
30	Mechanical activation of MoS ₂ +Na ₂ O ₂ mixtures. Minerals Engineering, 2009, 22, 415-418.	1.8	7
31	Preparation of copper and silicon/copper powders by a gas evaporation-condensation method. Bulletin of Materials Science, 2009, 32, 543-547.	0.8	8
32	Effect of fly ash preliminary calcination on the properties of geopolymer. Journal of Hazardous Materials, 2009, 164, 634-639.	6.5	159
33	Influence of calcium compounds on the mechanical properties of fly ash geopolymer pastes. Journal of Hazardous Materials, 2009, 167, 82-88.	6.5	595
34	Effect of mechanical activation of fly ash on the properties of geopolymer cured at ambient temperature. Journal of Materials Processing Technology, 2009, 209, 5276-5280.	3.1	357
35	Preparation of metakaolin based geopolymer coatings on metal substrates as thermal barriers. Applied Clay Science, 2009, 46, 265-270.	2.6	164
36	Water Content and Water Evolution from Reaction-Bonded Aluminum Oxide (RBAO) Powder Precursors. International Journal of Applied Ceramic Technology, 2008, 5, 289-294.	1.1	1

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37	Preparation and properties of ferromagnetic Z-type hexaferrite from wet milled mixtures of intermediates. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 311, 724-731.	1.0	16
38	Influence of mechanical distortion on the solubility of fluorapatite. <i>Minerals Engineering</i> , 2007, 20, 194-196.	1.8	11
39	Effect of pretreatment on synchysite-Ce (CaCe(CO ₃) ₂ F) leaching. <i>Minerals Engineering</i> , 2007, 20, 807-809.	1.8	8
40	Mechanochemical activation of mixtures of wolframite (FeWO ₄) with carbon, studied by ⁵⁷ Fe Mössbauer spectroscopy. <i>Journal of the European Ceramic Society</i> , 2006, 26, 2581-2585.	2.8	7
41	Characterization of nanoporous materials prepared from montmorillonite clay and its application to the decolorization of mare's milk oil. <i>Journal of Porous Materials</i> , 2006, 13, 49-53.	1.3	14
42	Preparation and characterization of Z-type hexaferrites, Ba ₃ (1-x)Sr _{3x} Co ₂ Fe ₂₄ O ₄₁ with x = 0-0.5, via a two-step calcination with an intermediate wet milling. <i>Journal of Electroceramics</i> , 2006, 17, 61-64.	0.8	16
43	Crystallization of M-type hexagonal ferrites from mechanically activated mixtures of barium carbonate and goethite. <i>Bulletin of Materials Science</i> , 2006, 29, 457-460.	0.8	3
44	Characterization and bleaching properties of acid-leached montmorillonite. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 688-693.	1.6	36
45	Direct Synthesis of Tungsten Carbide Nanoparticles by Mechanically Assisted Carbothermic Reduction of Natural Wolframite. <i>Journal of the American Ceramic Society</i> , 2005, 88, 983-985.	1.9	16
46	Benefits of Mild Wet Milling of the Intermediates for the Synthesis of Phase-pure Z-type Hexaferrite. <i>Journal of Materials Research</i> , 2005, 20, 1939-1942.	1.2	9
47	Effects of Mechanical Activation on the Synthesis of WC from Wolframite (FeWO ₄) and Graphite. <i>Journal of Metastable and Nanocrystalline Materials</i> , 2005, 24-25, 581-584.	0.1	3
48	Characterisation of acid activated montmorillonite clay from Tuulant (Mongolia). <i>Ceramics International</i> , 2004, 30, 251-255.	2.3	131
49	Synthesis of Y-type hexaferrites via a soft mechanochemical route. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3903-3908.	1.4	34
50	Nanoporous inorganic materials from mineral templates. <i>Current Applied Physics</i> , 2004, 4, 167-170.	1.1	9
51	Simultaneous uptake of ammonium and phosphate ions by composites of γ -alumina/potassium aluminosilicate gel. <i>Materials Research Bulletin</i> , 2003, 38, 749-756.	2.7	18
52	Mechanochemical processing of sialon compositions. <i>Journal of the European Ceramic Society</i> , 2003, 23, 1069-1082.	2.8	23
53	Effect of grinding on the leaching behaviour of pyrophyllite. <i>Journal of the European Ceramic Society</i> , 2003, 23, 1277-1282.	2.8	36
54	Preparation of porous silica from vermiculite by selective leaching. <i>Applied Clay Science</i> , 2003, 22, 187-195.	2.6	106

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55	Preparation and porous properties of materials prepared by selective leaching of phlogopite. <i>Clays and Clay Minerals</i> , 2002, 50, 624-632.	0.6	26
56	Preparation and properties of potassium aluminosilicate prepared from the waste solution of selectively leached calcined kaolinite. <i>Applied Clay Science</i> , 2002, 21, 125-131.	2.6	19
57	Zeolite formation by hydrothermal treatment of waste solution from selectively leached kaolinite. <i>Materials Letters</i> , 2002, 52, 91-95.	1.3	15
58	Effect of grinding on the preparation of porous material from talc by selective leaching. <i>Journal of Materials Science Letters</i> , 2002, 21, 1607-1609.	0.5	32
59	Title is missing!. <i>Journal of Porous Materials</i> , 2002, 9, 155-159.	1.3	1
60	Preparation of Porous Silica from Mechanically Activated Kaolinite. <i>Journal of Porous Materials</i> , 2001, 8, 233-238.	1.3	60
61	Characterization of porous silica prepared from mechanically amorphized kaolinite by selective leaching. <i>Powder Technology</i> , 2001, 121, 259-262.	2.1	41
62	Effect of mechanochemical activation on the thermal reactions of boehmite ($\hat{\text{I}}^3\text{-AlOOH}$) and $\hat{\text{I}}^3\text{-Al}_2\text{O}_3$. <i>Thermochimica Acta</i> , 2000, 359, 87-94.	1.2	81
63	Phase evolution in mechanically treated mixtures of kaolinite and alumina hydrates (gibbsite and) Tj ETQq1 1 0.784314 rgBT /Overloc 2.8 44	2.8	44
64	Mechanochemical synthesis and sintering behaviour of magnesium aluminate spinel. <i>Journal of Materials Science</i> , 2000, 35, 5529-5535.	1.7	44
65	Thermal formation of corundum from aluminium hydroxides prepared from various aluminium salts. <i>Bulletin of Materials Science</i> , 2000, 23, 301-304.	0.8	55
66	Effect of mechanochemical treatment on the synthesis of calcium dialuminate. <i>Journal of Materials Chemistry</i> , 2000, 10, 1019-1023.	6.7	20
67	Thermal decomposition of mechanically activated gibbsite. <i>Thermochimica Acta</i> , 1999, 327, 103-108.	1.2	107
68	Effect of mechanochemical treatment on the crystallization behaviour of diphasic mullite gel. <i>Ceramics International</i> , 1999, 25, 85-90.	2.3	30
69	The effect of water vapour atmospheres on the thermal transformation of kaolinite investigated by XRD, FTIR and solid state MAS NMR. <i>Journal of the European Ceramic Society</i> , 1999, 19, 105-112.	2.8	40
70	Role of Water in the Mechanochemical Reactions of $\text{MgO}\hat{\text{I}}^3\text{-SiO}_2$ Systems. <i>Journal of Solid State Chemistry</i> , 1998, 138, 169-177.	1.4	78
71	Preparation of aluminosilicate precursor by mechanochemical method from gibbsite-fumed silica mixtures. <i>Bulletin of Materials Science</i> , 1998, 21, 185-187.	0.8	9
72	Formation of mullite from mechanochemically activated oxides and hydroxides. <i>Journal of the European Ceramic Society</i> , 1998, 18, 831-835.	2.8	40

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73	Mechanochemical preparation of aluminosilicate precursors from gibbsite-silicic acid mixtures. <i>Materials Letters</i> , 1998, 36, 48-51.	1.3	7
74	Characterization of aluminosilicate (mullite) precursors prepared by a mechanochemical process. <i>Journal of Materials Research</i> , 1998, 13, 2184-2189.	1.2	29
75	Formation of Layered Magnesium Silicate during the Aging of Magnesium Hydroxide-Silica Mixtures. <i>Journal of the American Ceramic Society</i> , 1998, 81, 754-756.	1.9	45
76	Characterization of Efflorescences of Ambient and Elevated Temperature Cured Fly Ash Based Geopolymer Type Concretes. <i>Advanced Materials Research</i> , 0, 1139, 25-29.	0.3	7
77	Synthesis of Zeolite A from Mongolian Coal Fly Ash by Hydrothermal Treatment. <i>Solid State Phenomena</i> , 0, 271, 1-8.	0.3	8
78	Characterization of Glass Ceramics Produced from Natural and Waste Raw Materials. <i>Solid State Phenomena</i> , 0, 271, 23-27.	0.3	1
79	The Latest Research in Mongolia on the Utilization of Coal Combustion By-Products. <i>Solid State Phenomena</i> , 0, 323, 8-13.	0.3	1