

Masamoto Tafu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

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citations

933447

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docs citations

32
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and high-sensitivity colorimetric analysis of cadmium using homogeneous liquid-liquid extraction. <i>Analytical Sciences</i> , 2022, 38, 223-226.	1.6	5
2	Enhanced reactivity of apatite composite derived by phosphate treatment of gypsum with fluoride ions. <i>Journal of the Ceramic Society of Japan</i> , 2022, 130, 113-117.	1.1	0
3	Improved On-Site Characterization of Arsenic in Gypsum from Waste Plasterboards Using Smart Devices. <i>Materials</i> , 2022, 15, 2446.	2.9	1
4	Development of Automated On-site Analysis Method Using a Smart Device as Detection System for Autocatalytic Reactions. <i>Bunseki Kagaku</i> , 2022, 71, 217-220.	0.2	0
5	Nanoapatite formation on DCPD. , 2021, , 159-173.		0
6	Enhanced reactivity of dicalcium phosphate dihydrate with fluoride ions by coating with apatite nanoparticles. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 498-506.	2.3	3
7	Changes in fluoride removal ability of chicken bone char with changes in calcination time. <i>International Journal of Ceramic Engineering & Science</i> , 2020, 2, 83-91.	1.2	6
8	Effective removal of fluoride and phosphate pollution using mixtures of dicalcium phosphate dihydrate (DCPD) and Tunisian reservoir sediment containing calcium carbonate. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	1.3	5
9	Simple Colorimetric Analysis for Determining Hexavalent Chromium with High Sensitivity via Homogeneous Liquid-Liquid Extraction. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 807-810.	3.2	7
10	Development of High Sensitive Smart Device Analysis with Homogeneous Liquid-Liquid Extraction. <i>Bunseki Kagaku</i> , 2019, 68, 411-415.	0.2	1
11	Improving the properties of dicalcium phosphate dihydrate (DCPD) powder by changing the morphology. <i>Journal of the Ceramic Society of Japan</i> , 2018, 126, 202-207.	1.1	2
12	The Extremely High Adsorption Capacity of Fluoride by Chicken Bone Char (CBC) in Defluoridation of Drinking Water in Relation to Its Finer Particle Size for Better Human Health. <i>Healthcare (Switzerland)</i> , 2018, 6, 123.	2.0	18
13	Repeated Heat Regeneration of Bone Char for Sustainable Use in Fluoride Removal from Drinking Water. <i>Healthcare (Switzerland)</i> , 2018, 6, 143.	2.0	10
14	Amine/Hydrido Bifunctional Nanoporous Silica with Small Metal Nanoparticles Made Onsite: Efficient Dehydrogenation Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36-41.	8.0	13
15	Grafted Polymethylhydrosiloxane on Hierarchically Porous Silica Monoliths: A New Path to Monolith-Supported Palladium Nanoparticles for Continuous Flow Catalysis Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 406-412.	8.0	46
16	Properties of sludge generated by the treatment of fluoride-containing wastewater with dicalcium phosphate dihydrate. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2016, 1, 1.	1.3	6
17	Development of Original Attachment and Application Software for Simple Fluoride Analysis Using Smart Device. <i>Modern Environmental Science and Engineering</i> , 2016, 2, 289-293.	0.3	4
18	Chemical prosperity of various chemical gypsums from viewpoint of particle morphology. <i>Journal of Physics: Conference Series</i> , 2015, 596, 012011.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Synthesis of robust hierarchically porous zirconium phosphate monolith for efficient ion adsorption. <i>New Journal of Chemistry</i> , 2015, 39, 2444-2450.	2.8	48
20	Morphology Changing at Incipient Crystallization Condition. <i>Journal of Physics: Conference Series</i> , 2015, 596, 012009.	0.4	1
21	Study on subway particle capture by ferromagnetic mesh filter in nonuniform magnetic field. <i>Separation and Purification Technology</i> , 2015, 156, 642-654.	7.9	13
22	Morphology control of brushite prepared by aqueous solution synthesis. <i>Journal of Asian Ceramic Societies</i> , 2014, 2, 52-56.	2.3	67
23	The evaluation of forest fire severity and effect on soil organic matter based on the L*, a*, b* color reading system. <i>Analytical Methods</i> , 2013, 5, 2660.	2.7	14
24	Stabilization of Fluoride in Waste Gypsum by Using Surface-Modified Calcium Phosphate Particle. <i>Transactions of the Materials Research Society of Japan</i> , 2010, 35, 377-380.	0.2	8
25	Leaching behaviour of impurities in waste gypsum board. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	0
26	Reaction between calcium phosphate and fluoride in phosphogypsum. <i>Journal of the European Ceramic Society</i> , 2006, 26, 767-770.	5.7	30
27	Simplified Determination of Trace Amounts of Fluoride in Groundwater by Transform Reaction of Calcium Hydrogenphosphate Dihydrate (DCPD). <i>Journal of Japan Society on Water Environment</i> , 2005, 28, 179-184.	0.4	1
28	Reaction of Calcium Hydrogenphosphate Dihydrate (DCPD) with a Solution Containing a Small Amount of Fluoride. <i>Journal of the Ceramic Society of Japan</i> , 2005, 113, 363-367.	1.3	13
29	Minimum-Emission-Oriented Method for Calcium Fluoride for High-Quality Treatment of Wastewater Containing Fluoride Ion.. <i>Journal of Japan Society on Water Environment</i> , 2003, 26, 33-38.	0.4	3
30	Phase Separation in Sol-gel Process of Alkoxide-Derived Silica-Zirconia in the Presence of Polyethylene Oxide. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1968-1976.	3.8	38
31	Effect of Anions on Morphology Control of Brushite Particles. <i>Key Engineering Materials</i> , 0, 529-530, 55-60.	0.4	8