ArÅ«nas BaltuÅ¡nikas

List of Publications by Year
in descending order

24 papers	205 citations	1163117 8 h-index	1058476 14 g-index
25 all docs	25 docs citations	25 times ranked	172 citing authors

#	Article	IF	Citations
1	Effects of ultrasonic treatment on zeolite NaA synthesized from by-product silica. Ultrasonics Sonochemistry, 2015, 27, 515-521.	8.2	31
2	Utilization of by-product waste silica in concrete - based materials. Materials Research, 2012, 15, 561-567.	1.3	29
3	Removal of ammonium ion from aqueous solutions by using unmodified and H2O2-modified zeolitic waste. Scientific Reports, 2020, 10, 352.	3.3	19
4	The influence of the SiO2/Na2O ratio on the low calcium alkali activated binder based on fly ash. Materials Chemistry and Physics, 2021, 258, 123846.	4.0	17
5	Porous alkali-activated materials based on municipal solid waste incineration ash with addition of phosphogypsum powder. Construction and Building Materials, 2021, 301, 123962.	7.2	17
6	Alkali Activated Paste and Concrete Based on of Biomass Bottom Ash with Phosphogypsum. Applied Sciences (Switzerland), 2020, 10, 5190.	2.5	14
7	Conversion of silica by-product into zeolites by thermo-sonochemical treatment. Ultrasonics Sonochemistry, 2021, 72, 105426.	8.2	9
8	Effect of AlF3 production waste on the processes of hydration and hardening of the alkali-activated Portland cement with sodium silicate hydrate. Journal of Thermal Analysis and Calorimetry, 2019, 138, 879-887.	3.6	8
9	Synergistic effect of dry sludge from waste wash water of concrete plants and zeolitic by-product on the properties of ternary blended ordinary Portland cements. Journal of Cleaner Production, 2020, 244, 118493.	9.3	8
10	Alkali Activated Binders Based on Biomass Bottom Ash and Silica By-Product Blends. Waste and Biomass Valorization, 2021, 12, 1095-1105.	3.4	8
11	Alkali-activated blends of calcined AlF3 production waste and clay. Ceramics International, 2018, 44, 12573-12579.	4.8	7
12	Effect of AlF3 Production Waste on the Properties of Hardened Cement Paste. Medziagotyra, 2012, 18, .	0.2	5
13	Zeolitized bottom ashes from biomass combustion as cement replacing components. Construction and Building Materials, 2018, 168, 988-994.	7.2	5
14	The Influence of Zeolitic By-Product Containing Ammonium Ions on Properties of Hardened Cement Paste. Minerals (Basel, Switzerland), 2021, 11, 123.	2.0	5
15	The Using of Concrete Wash Water from Ready Mixed Concrete Plants in Cement Systems. Materials, 2021, 14, 2483.	2.9	5
16	Synergic effect between two pozzolans: Clinoptilolite and silica gel by-product in a ternary blend of a Portland cement system. Construction and Building Materials, 2022, 344, 128155.	7.2	5
17	Production of Expanded Clay Pellets by Using Non-selfbloating Clay, Lakes Sapropel and Glycerol. Medziagotyra, 2011, 17, .	0.2	3
18	Blended Cements Produced With Synthetic Zeolite Made from Industrial By-Product. Medziagotyra, 2015, 21, .	0.2	3

#	ARTICLE	IF	CITATIONS
19	The Influence of Expanded Glass and Expanded Clay on Lightweight Aggregate Shotcrete Properties. Materials, 2022, 15, 1674.	2.9	2
20	MODIFIED SAWDUST CONCRETE. Journal of Civil Engineering and Management, 2000, 6, 113-119.	0.0	1
21	The influence of sulphur slime on the properties of alkali binding material from biomass bottom ashes. IOP Conference Series: Materials Science and Engineering, 2018, 442, 012015.	0.6	1
22	Preparation of Sorbents Containing Straetlingite Phase from Zeolitic By-Product and Their Performance for Ammonium Ion Removal. Molecules, 2021, 26, 3020.	3.8	1
23	The utilization of biomass bottom ashes in cement system. Journal of Sustainable Architecture and Civil Engineering, 2016, 14, .	0.5	1
24	Influence of zeolitized perlite on blended cement properties. Chemical Industry and Chemical Engineering Quarterly, 2016, 22, 285-292.	0.7	1