

Oleksandr Kovalchuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/639701/publications.pdf>

Version: 2024-02-01

31
papers

389
citations

1040056

9
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Study of influence of alkaline component type on pH value and properties of alkali activated concretes containing basalt rock. E3S Web of Conferences, 2021, 280, 07001. | 0.5 | 2 |
| 2 | Research of heavy metals leaching from sediments after ferritization processing of galvanic sludge. Environmental Safety and Natural Resources, 2021, 39, 76-87. | 0.1 | 0 |
| 3 | Influence of aeration rate and method of process activation on the degree of purification of zinc-containing waste water by ferritization. Eastern-European Journal of Enterprise Technologies, 2021, 6, 16-22. | 0.5 | 0 |
| 4 | Development of alkaline concrete on the basis of active aggregates. Technology Audit and Production Reserves, 2021, 6, 36-42. | 0.2 | 0 |
| 5 | The influence of porosity on radon emanation in alkali-activated mortars containing high volume bauxite residue. Construction and Building Materials, 2020, 230, 116982. | 7.2 | 17 |
| 6 | Enhancement of alkali-activated slag cement concretes crack resistance for mitigation of steel reinforcement corrosion. E3S Web of Conferences, 2020, 166, 06001. | 0.5 | 19 |
| 7 | Development of technology of utilization of products of ferritization processing of galvanic waste in the composition of alkaline cements. Eastern-European Journal of Enterprise Technologies, 2020, 5, 6-13. | 0.5 | 1 |
| 8 | Study of service properties of alkali-activated cement using wastewater treatment residues. IOP Conference Series: Materials Science and Engineering, 2019, 708, 012087. | 0.6 | 2 |
| 9 | Alkali-aggregate reaction in alkali-activated cement concretes. IOP Conference Series: Materials Science and Engineering, 2019, 660, 012002. | 0.6 | 4 |
| 10 | Practical experience of construction of concrete pavement using non-conditional aggregates. IOP Conference Series: Materials Science and Engineering, 2019, 708, 012089. | 0.6 | 3 |
| 11 | Development of a technology for utilizing the electroplating wastes by applying a ferritization method to the alkaline-activated materials. Eastern-European Journal of Enterprise Technologies, 2019, 2, 27-34. | 0.5 | 6 |
| 12 | Studying the influence of metakaolin on self-healing processes in the contact-zone structure of concretes based on the alkali-activated Portland cement. Eastern-European Journal of Enterprise Technologies, 2019, 5, 33-40. | 0.5 | 3 |
| 13 | Development of ferritization processing of galvanic waste involving the energy-saving electromagnetic pulse activation of the process. Eastern-European Journal of Enterprise Technologies, 2019, 6, 6-14. | 0.5 | 5 |
| 14 | Radioactivity and Pb and Ni immobilization in SCM-bearing alkali-activated matrices. Construction and Building Materials, 2018, 159, 745-754. | 7.2 | 31 |
| 15 | Alkali activated cements mix design for concretes application in high corrosive conditions. MATEC Web of Conferences, 2018, 230, 03007. | 0.2 | 23 |
| 16 | A comparative study on the influence of metakaolin and kaolin additives on properties and structure of the alkali-activated slag cement and concrete. Eastern-European Journal of Enterprise Technologies, 2018, 1, 33-39. | 0.5 | 29 |
| 17 | Research of the treatment of depleted nickel-plating electrolytes by the ferritization method. Eastern-European Journal of Enterprise Technologies, 2018, 3, 52-60. | 0.5 | 28 |
| 18 | Design of the composition of alkali activated portland cement using mineral additives of technogenic origin. Eastern-European Journal of Enterprise Technologies, 2018, 4, 6-15. | 0.5 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Radiological characterization and evaluation of high volume bauxite residue alkali activated concretes. <i>Journal of Environmental Radioactivity</i> , 2017, 168, 21-29. | 1.7 | 30 |
| 20 | Development of alkali activated cements and concrete mixture design with high volumes of red mud. <i>Construction and Building Materials</i> , 2017, 151, 819-826. | 7.2 | 90 |
| 21 | From NORM by-products to building materials. , 2017, , 183-252. | | 14 |
| 22 | Efficiency of alkali activated hybrid cements for immobilization of low-level radioactive anion-exchange resins. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 5, 38-43. | 0.5 | 3 |
| 23 | Applicability of alkali-activated cement for immobilization of low-level radioactive waste in ion-exchange resins. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 1, 40. | 0.5 | 9 |
| 24 | Mix Design of Hybrid High-Volume Fly Ash Alkali Activated Cement. <i>Advanced Materials Research</i> , 2015, 1100, 36-43. | 0.3 | 3 |
| 25 | Modeling a Thermo-Stressed State of the Cast-in-Situ Low Carbon Footprint Alkali Activated Slag Cement Concrete Hardened under Hot Environment. <i>Applied Mechanics and Materials</i> , 2014, 525, 482-490. | 0.2 | 0 |
| 26 | Design of Low Carbon Footprint Alkali Activated Slag Cement Concretes for Marine Engineering Application in China. <i>Applied Mechanics and Materials</i> , 0, 525, 556-563. | 0.2 | 0 |
| 27 | Sulfate Resistance of Alkali Activated Cements. <i>Materials Science Forum</i> , 0, 865, 95-106. | 0.3 | 18 |
| 28 | Utilization of Industrial Waste Water Treatment Residues in Alkali Activated Cement and Concretes. <i>Key Engineering Materials</i> , 0, 761, 35-38. | 0.4 | 16 |
| 29 | Efficiency of the Alkali-Activated Cement Concretes for Sea Construction. <i>Materials Science Forum</i> , 0, 968, 3-12. | 0.3 | 2 |
| 30 | On the Question of the Application of Basalt Microfiber for Reinforcement of Thermal Insulation AAC. <i>Key Engineering Materials</i> , 0, 864, 122-127. | 0.4 | 0 |
| 31 | Influence of Type of Alkaline Activator on Durability of Alkali Activated Concrete Using Aggregates Capable to Alkali-Silica Reaction. <i>Key Engineering Materials</i> , 0, 864, 180-188. | 0.4 | 4 |