

Tomasz Piotrowski

List of Publications by Year in descending order

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35
papers

592
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687335

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35
times ranked

480
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Optical, elastic, and neutron shielding studies of Nb ₂ O ₅ varied Dy ³⁺ doped barium-borate glasses. <i>Optik</i> , 2022, 251, 168436. | 2.9 | 51 |
| 2 | Neutron shielding evaluation of concretes and mortars: A review. <i>Construction and Building Materials</i> , 2021, 277, 122238. | 7.2 | 51 |
| 3 | Development of Impact-Echo Multitransducer Device for Automated Concrete Homogeneity Assessment. <i>Materials</i> , 2021, 14, 2144. | 2.9 | 2 |
| 4 | Optical properties and radiation shielding studies of europium doped modifier reliant multi former glasses. <i>Optik</i> , 2021, 247, 168005. | 2.9 | 21 |
| 5 | Relation between microstructure, technical properties and neutron radiation shielding efficiency of concrete. <i>Construction and Building Materials</i> , 2020, 235, 117389. | 7.2 | 42 |
| 6 | Shielding concrete with neutron attenuating and absorbing components. , 2020, , 177-218. | | 4 |
| 7 | The effect of cement and aggregate type and w/c ratio on the bound water content and neutron shielding efficiency of concretes. <i>Construction and Building Materials</i> , 2020, 264, 120210. | 7.2 | 25 |
| 8 | Influence of Activators on Mechanical Properties of Modified Fly Ash Based Geopolymer Mortars. <i>Materials</i> , 2020, 13, 1033. | 2.9 | 26 |
| 9 | Influence of Polymer Modification on the Microstructure of Shielding Concrete. <i>Materials</i> , 2020, 13, 498. | 2.9 | 13 |
| 10 | Niewłaściwa wentylacja ściany trójwarstwowej z elewacji... klinkierowej... <i>Materiały Budowlane</i> , 2020, 1, 4-6.0.1 | | 0 |
| 11 | Influence of gadolinium oxide and ulexite on cement hydration and technical properties of mortars for neutron radiation shielding purposes. <i>Construction and Building Materials</i> , 2019, 195, 583-589. | 7.2 | 27 |
| 12 | Mechanical Properties of Polymer Cement-Fiber-Reinforced Concrete (PC-FRC): Comparison Based on Experimental Studies. , 2018, , 227-233. | | 0 |
| 13 | The Influence of Specimen Shape and Size on the PCC Compressive Strength Values. , 2018, , 267-273. | | 2 |
| 14 | Influence of water to solid ratio on mechanical properties of GBFS-based geopolymer foam concrete. <i>MATEC Web of Conferences</i> , 2018, 163, 06003. | 0.2 | 2 |
| 15 | On the evaluation of interface quality in concrete repair system by means of impact-echo signal analysis. <i>Construction and Building Materials</i> , 2017, 134, 311-323. | 7.2 | 41 |
| 16 | Przykłady stosowania wymagań, dotyczących budowy obiektów w energetyce jądrowej. <i>Materiały Budowlane</i> , 2017, 1, 86-87. | 0.1 | 1 |
| 17 | Zastosowanie metody ultradźwiękowej do oceny właściwości mechanicznych betonów osłonowych. <i>Przebieg Spawalnictwa</i> , 2016, 87, . | 0.5 | 0 |
| 18 | OCENA EFEKTYWNOŚCI NOWEJ GENERACJI BETONÓW OSŁONOWYCH PRZED PROMIENIOWANIEM JONIZUJĄCYM W OPARCIU O POMIARY WE WZORCOWYCH POLACH PROMIENIOWANIA. <i>Journal of Civil Engineering, Environment and Architecture</i> , 2016, , . | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Wymagania RCC-CW dotyczÄ...ce betonu do budowy elektrowni jÄ...drowych PWR w Åwietle PN-EN 206:2014. Materiały Budowlane, 2016, 1, 91-93. | 0.1 | 0 |
| 20 | Special requirements for freeze-thaw resistance of concrete in PWR nuclear civil works. Materiały Budowlane, 2016, 1, 95-98. | 0.1 | 2 |
| 21 | Chemical Resistance of Concrete-Polymer Composites â€“ Comparison Based on Experimental Studies. Advanced Materials Research, 2015, 1129, 123-130. | 0.3 | 1 |
| 22 | Importance of Atomic Composition and Moisture Content of Cement based Composites in Neutron Radiation Shielding. Procedia Engineering, 2015, 108, 616-623. | 1.2 | 22 |
| 23 | Numerical Modelling and Bearing Capacity Analysis of Pile Foundation. Procedia Engineering, 2015, 111, 356-363. | 1.2 | 35 |
| 24 | Experiments on Neutron Transport through Concrete Member and the Potential for the Use in Material Investigation. Acta Physica Polonica A, 2015, 128, B-14-B-19. | 0.5 | 12 |
| 25 | NGS-Concrete - New Generation Shielding Concrete against Ionizing Radiation - the Potential Evaluation and Preliminary Investigation. Acta Physica Polonica A, 2015, 128, B-9-B-14. | 0.5 | 29 |
| 26 | Wymagania dotyczÄ...ce betonu do specjalnych robót geotechnicznych zgodnie z PN-EN 206:2014. Materiały Budowlane, 2015, 1, 4-6. | 0.1 | 1 |
| 27 | Nowej generacji beton osÅ, onowy przed promieniowaniem jonizujÄ...cym. Materiały Budowlane, 2015, 1, 40-43. | 0.1 | 1 |
| 28 | OddziaÅ,ywania przy projektowaniu elektrowni jÄ...drowej. Materiały Budowlane, 2015, 1, 36-38. | 0.1 | 0 |
| 29 | Near-to-surface properties affecting bond strength in concrete repair. Cement and Concrete Composites, 2014, 46, 73-80. | 10.7 | 133 |
| 30 | Monte-Carlo aided design of neutron shielding concretes. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2013, 61, 161-171. | 0.8 | 5 |
| 31 | Effect of Introducing Recycled Polymer Aggregate on the Properties of C-PC Composites. Advanced Materials Research, 2013, 687, 520-526. | 0.3 | 3 |
| 32 | UIR-Scanner Potential to Defect Detection in Concrete. Advanced Materials Research, 2013, 687, 359-365. | 0.3 | 8 |
| 33 | Monte Carlo simulations for optimization of neutron shielding concrete. Open Engineering, 2012, 2, . | 1.6 | 23 |
| 34 | Surfology: concrete surface evaluation prior to repair. WIT Transactions on Engineering Sciences, 2009, . . | 0.0 | 5 |
| 35 | Polymers in Concrete â€“ The Shielding against Neutron Radiation. Advanced Materials Research, 0, 1129, 131-138. | 0.3 | 4 |