

Piotr Smarzewski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3942323/publications.pdf>

Version: 2024-02-01

44
papers

820
citations

430754

18
h-index

501076

28
g-index

44
all docs

44
docs citations

44
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	Property Assessment of Self-compacting Basalt Fiber Reinforced Concrete. RILEM Bookseries, 2022, , 186-197.	0.2	2
2	Effect of Short Fiber Reinforcements on Fracture Performance of Cement-Based Materials: A Systematic Review Approach. Materials, 2021, 14, 1745.	1.3	57
3	Numerical Study of Soil-Thawing Effect of Composite Piles Using GMSFEM. Journal of Composites Science, 2021, 5, 167.	1.4	5
4	Hardening Parameter Homogenization for J2 Flow with Isotropic Hardening of Steel Fiber-Reinforced Concrete Composites. Crystals, 2021, 11, 776.	1.0	2
5	Flexural toughness evaluation of basalt fibre reinforced HPC beams with and without initial notch. Composite Structures, 2020, 235, 111769.	3.1	35
6	Study of Bond Strength of Steel Bars in Basalt Fibre Reinforced High Performance Concrete. Crystals, 2020, 10, 436.	1.0	10
7	Comparative Fracture Properties of Four Fibre Reinforced High Performance Cementitious Composites. Materials, 2020, 13, 2612.	1.3	21
8	Mechanical Properties of Ultra-High Performance Concrete with Partial Utilization of Waste Foundry Sand. Buildings, 2020, 10, 11.	1.4	23
9	Numerical analysis of inelastic reinforced high-strength concrete beams with low reinforcement ratio. Budownictwo I Architektura, 2020, 4, 005-030.	0.1	1
10	Analysis of limit state of reinforced high performance hybrid fiber concrete deep beams with openings. Budownictwo I Architektura, 2020, 10, 027-036.	0.1	0
11	Experimental testing of high performance fibre reinforced concrete deep beams. Budownictwo I Architektura, 2020, 10, 015-026.	0.1	1
12	The analysis of deformation states high strength fibre-reinforced concrete plates in flexural. Budownictwo I Architektura, 2020, 10, 037-052.	0.1	0
13	Serviceability limit states of high performance reinforced concrete beams with hybrid fibre. Budownictwo I Architektura, 2020, 12, 155-162.	0.1	0
14	Influence of silica fume on mechanical and fracture properties of high performance concrete. Procedia Structural Integrity, 2019, 17, 5-12.	0.3	34
15	Processes of Cracking and Crushing in Hybrid Fibre Reinforced High-Performance Concrete Slabs. Processes, 2019, 7, 49.	1.3	16
16	Study of Toughness and Macro/Micro-Crack Development of Fibre-Reinforced Ultra-High Performance Concrete After Exposure to Elevated Temperature. Materials, 2019, 12, 1210.	1.3	33
17	Analysis of Failure Mechanics in Hybrid Fibre-Reinforced High-Performance Concrete Deep Beams with and without Openings. Materials, 2019, 12, 101.	1.3	34
18	Influence of basalt-polypropylene fibres on fracture properties of high performance concrete. Composite Structures, 2019, 209, 23-33.	3.1	103

#	ARTICLE	IF	CITATIONS
19	The Possibility of Using Boiler Slag as Coarse Aggregate in High Strength Concrete. KSCE Journal of Civil Engineering, 2018, 22, 1816-1826.	0.9	4
20	Property Assessment of Hybrid Fiber-Reinforced Ultra-High-Performance Concrete. International Journal of Civil Engineering, 2018, 16, 593-606.	0.9	60
21	Hybrid Fibres as Shear Reinforcement in High-Performance Concrete Beams with and without Openings. Applied Sciences (Switzerland), 2018, 8, 2070.	1.3	30
22	Flexural Toughness of High-Performance Concrete with Basalt and Polypropylene Short Fibres. Advances in Civil Engineering, 2018, 2018, 1-8.	0.4	29
23	Numerical Analysis of Reinforced Concrete Deep Beams. Lecture Notes in Computer Science, 2017, , 414-421.	1.0	6
24	Properties of Hemp-Flax Composites for Use in the Building Industry. Journal of Natural Fibers, 2017, 14, 410-425.	1.7	21
25	Effect of Curing Period on Properties of Steel and Polypropylene Fibre Reinforced Ultra-High Performance Concrete. IOP Conference Series: Materials Science and Engineering, 2017, 245, 032059.	0.3	25
26	Effect of Fiber Hybridization on Durability Related Properties of Ultra-High Performance Concrete. International Journal of Concrete Structures and Materials, 2017, 11, 315-325.	1.4	48
27	Numerical Analysis on the High-Strength Concrete Beams Ultimate Behaviour. IOP Conference Series: Materials Science and Engineering, 2017, 245, 032013.	0.3	1
28	Mechanical and durability related properties of high performance concrete made with coal cinder and waste foundry sand. Construction and Building Materials, 2016, 121, 9-17.	3.2	55
29	Effect of hydrophobisation on durability related properties of ceramic brick. Construction and Building Materials, 2016, 111, 275-285.	3.2	21
30	Influence of hydrophobisation on surface free energy of hybrid fiber reinforced ultra-high performance concrete. Construction and Building Materials, 2016, 102, 367-377.	3.2	44
31	Numerical solution of reinforced concrete beam using arc-length method. Bulletin of the Military University of Technology, 2016, 65, 33-46.	0.1	1
32	Influence of steel-polypropylene fibers on fracture parameters of high performance concrete. Bulletin of the Military University of Technology, 2016, 65, 69-72.	0.1	0
33	Evaluation of the Contact Angle of Hydrophobised Lightweight-Aggregate Concrete with Sewage Sludge. Ecological Chemistry and Engineering S, 2015, 22, 625-635.	0.3	10
34	Increased water repellence of ceramic buildings by hydrophobisation using high concentration of organic solvents. Energy and Buildings, 2015, 103, 249-260.	3.1	18
35	Surface free energy of hydrophobic coatings of hybrid-fiber-reinforced high-performance concrete. Materiali in Tehnologije, 2015, 49, 895-902.	0.3	4
36	Fracture properties of plain and steel-polypropylene-fiber-reinforced high-performance concrete. Materiali in Tehnologije, 2015, 49, 563-571.	0.3	13

#	ARTICLE	IF	CITATIONS
37	Ocena kątowa zwilżania i swobodnej energii powierzchniowej hydrofobizowanego keramzytobetonu. Materiały Budowlane, 2015, 1, 130-133.	0.0	0
38	Numerical solution of reinforced concrete beam using Newton-Raphson method with adaptive descent. Bulletin of the Military University of Technology, 2015, 64, 207-221.	0.1	1
39	Free of Volatile Organic Compounds Protection against Moisture in Building Materials/Zabezpieczenia Przegród Budowlanych Przed Wilgocią... Wolne Od Lotnych Związków Organicznych. Ecological Chemistry and Engineering S, 2014, 21, 401-411.	0.3	15
40	Numerical Modeling Of Diagonal Cracks In Concrete Beams. Archives of Civil Engineering, 2014, 60, 307-322.	0.7	7
41	Methodology of Moisture Measurement in Porous Materials Using Time Domain Reflectometry / Metodyka Prowadzenia Badań, Wilgotności W Ośrodkach Porowatych Za Pomocą... Reflektometrii W Domenie Czasu. Chemistry, Didactics, Ecology, Metrology, 2014, 19, 97-107.	0.1	3
42	Stany zarysowania i odkształcenia belek żelbetowych z betonu wysokowartościowego z dodatkiem węglikien. Bulletin of the Military University of Technology, 2014, 63, 133-143.	0.1	1
43	Stany zarysowania i ugięcia tarcz żelbetowych z otworami z fibrobetonu wysokowartościowego. Bulletin of the Military University of Technology, 2014, 63, 145-155.	0.1	0
44	Study of the scale effect on diagonal crack propagation in concrete beams. Computational Materials Science, 2012, 64, 216-220.	1.4	26