

# Jacek Selejdak

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

244  
citations

933447

10  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation of Reinforced Concrete Columns Strengthened by CFRP. Lecture Notes in Civil Engineering, 2020, , 400-410.	0.4	24
2	Non-uniform corrosion of steel rebar and its influence on reinforced concrete elements` reliability. Production Engineering Archives, 2020, 26, 67-72.	2.4	23
3	The Analysis of Beam Reinforced with FRP Bars in Bending. Procedia Engineering, 2017, 192, 64-68.	1.2	22
4	Corrosion Fatigue Damages of Rebars under Loading in Time. Materials, 2021, 14, 3416.	2.9	22
5	The influence of simultaneous action of the aggressive environment and loading on strength of RC beams. MATEC Web of Conferences, 2018, 183, 02002.	0.2	20
6	Fatigue Strength of Ductile Iron in Ultra-High Cycle Regime. Advanced Materials Research, 0, 874, 43-48.	0.3	19
7	Study of Concrete under Combined Action of Aggressive Environment and Long-Term Loading. Materials, 2021, 14, 6612.	2.9	16
8	Specifics of corrosion processes in thermally strengthened rebar. Case Studies in Construction Materials, 2021, 15, e00646.	1.7	15
9	Corrosion of Reinforce Bars in RC Constructions. System Safety Human - Technical Facility - Environment, 2019, 1, 277-283.	0.1	15
10	Properties of Concretes Incorporating Recycling Waste and Corrosion Susceptibility of Reinforcing Steel Bars. Materials, 2021, 14, 2638.	2.9	14
11	Influence of the percentage of reinforcement by unstressed rebar on the deformability of pre-stressed RC beams. Production Engineering Archives, 2021, 27, 212-216.	2.4	11
12	Analysis of influence of bearing clearance on the static carrying capacity of multi-row slewing bearings. Periodica Polytechnica Transportation Engineering, 2014, 42, 43-48.	1.2	7
13	Assessment of a steel bridge corrosion degree. E3S Web of Conferences, 2018, 49, 00098.	0.5	7
14	Strength of Reinforced Concrete Beams Strengthened Under Loading with Additional Reinforcement with Different Levels of its Pre-tension. Lecture Notes in Civil Engineering, 2021, , 227-236.	0.4	7
15	Analysis of FRP bars used as reinforcement in concrete structures. Production Engineering Archives, 2016, 12, 2-4.	2.4	6
16	Specifics of physico-mechanical characteristics of thermally-hardened rebar. Production Engineering Archives, 2022, 28, 73-81.	2.4	4
17	The functions of the geosynthetics in roadway applications. Acta Scientiarum Polonorum Architectura, 2019, 18, 27-31.	0.3	3
18	The computational analysis of the crack width of beams reinforced with CFRP and steel bars. MATEC Web of Conferences, 2018, 183, 02003.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Truss optimization with frequency constraints based on TLBO algorithm. AIP Conference Proceedings, 2020, , .	0.4	1
20	Methods to Assess Load Capacity of the Old Wooden Building Components. Advanced Materials Research, 2014, 1020, 341-346.	0.3	0
21	The GFRP profiles as stay-in-place formwork. E3S Web of Conferences, 2018, 49, 00008.	0.5	0
22	Determination of the Optimum Percentage of High Strength Bars in RC Beams with Combined Reinforcement Using Fem. System Safety Human - Technical Facility - Environment, 2020, 2, 230-236.	0.1	0
23	STRENGTHENING AND REPAIRING THE SERVICEABILITY OF REINFORCED CONCRETE CONSTRUCTIONS: A REVIEW. Theory and Building Practice, 2022, 2022, 80-85.	0.3	0