

# Peter SivÅ;k

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

70  
citations

1937685

4  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Analysis of 60-Year-Old Sluice Gate Affected by Long-Term Operation. Materials, 2020, 13, 5201.	2.9	9
2	Influence of Different Strain Hardening Models on the Behavior of Materials in the Elastic-Plastic Regime under Cyclic Loading. Materials, 2020, 13, 5323.	2.9	3
3	Experimental Assessment of Time-Limited Operation and Rectification of a Bridge Crane. Materials, 2020, 13, 2708.	2.9	8
4	Contribution to computer simulation of problems from the theory of mechanisms focused on robots. AIP Conference Proceedings, 2019, , .	0.4	1
5	Application of the Simple Linear Regression Model in the Experiment. Applied Mechanics and Materials, 2015, 816, 496-506.	0.2	1
6	Operational Safety of Compressor Station Pipeline. Applied Mechanics and Materials, 2014, 611, 366-369.	0.2	2
7	State-Space Model of a Mechanical System in MATLAB/Simulink. Procedia Engineering, 2012, 48, 629-635.	1.2	10
8	Evaluation of Fatigue Tests by Means of Mathematical Statistics. Procedia Engineering, 2012, 48, 636-642.	1.2	28
9	Life Prediction of Structures by Means of ESA and CAE. Procedia Engineering, 2012, 48, 77-82.	1.2	2
10	Application of Computational Methods and Methods of Experimental Stress Analysis for Determination of Lifespan of Pipe Yards. Acta Mechanica Slovaca, 2011, 15, 52-57.	0.1	2
11	Modal Analysis of Circular Plates. Applied Mechanics and Materials, 0, 611, 245-251.	0.2	0
12	Influence of Material Structure and its Properties on Predicting Life of Pressure Pipelines. Applied Mechanics and Materials, 0, 611, 430-435.	0.2	1
13	Stress Analysis of the Thin-Walled Vessels. Applied Mechanics and Materials, 0, 611, 273-278.	0.2	3