

Piotr Kurylo

List of Publications by Year in descending order

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31
papers

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times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Selected Aspects of Combustion Optimization of Coal in Power Plants. <i>Energies</i> , 2020, 13, 2208.	3.1	28
2	Modeling of Two-Wheeled Self-Balancing Robot Driven by DC Gearmotors. <i>International Journal of Applied Mechanics and Engineering</i> , 2017, 22, 739-747.	0.7	15
3	Analyzing, Modeling and Simulation of Humanoid Robot Hand Motion. <i>Procedia Engineering</i> , 2014, 96, 489-499.	1.2	12
4	A mechanical study of novel additive manufactured modular mandible fracture fixation plates - Preliminary Study with finite element analysis. <i>Injury</i> , 2020, 51, 1527-1535.	1.7	9
5	Analysis of the Fatigue Life of Composite Leaf Springs. <i>Applied Mechanics and Materials</i> , 0, 611, 346-351.	0.2	8
6	Experimental Assessment of Time-Limited Operation and Rectification of a Bridge Crane. <i>Materials</i> , 2020, 13, 2708.	2.9	8
7	Selected Determinants of Sustainable Transport in the Context of the Development of a Low-Carbon Economy in Poland. <i>Energies</i> , 2021, 14, 5418.	3.1	8
8	Machine Vision System Measuring the Trajectory of Upper Limb Motion Applying the Matlab Software. <i>Measurement Science Review</i> , 2019, 19, 1-8.	1.0	8
9	Analysis and Evaluation of Heat Pipe Efficiency to Reduce Low Emission with the Use of Working Agents R134A, R404A and R407C, R410A. <i>Energies</i> , 2021, 14, 1926.	3.1	6
10	The Geometric Surface Structure of EN X153CrMoV12 Tool Steel after Finish Turning Using PCBN Cutting Tools. <i>Coatings</i> , 2021, 11, 428.	2.6	5
11	Possibility of Plastic Processing of Spheroidal Cast Iron. <i>Procedia Engineering</i> , 2012, 48, 326-331.	1.2	3
12	Novel Development of Implant Elements Manufactured through Selective Laser Melting 3D Printing. <i>Advanced Engineering Materials</i> , 2021, 23, 2001488.	3.5	3
13	Property Examination of Surface Layer of Copper Alloy Casts Based on the Example of MO59 Alloy. <i>Procedia Engineering</i> , 2012, 48, 312-319.	1.2	2
14	Influence of Pipe Geometric Deviations on In-Pipe Machine Locomotion. <i>Applied Mechanics and Materials</i> , 0, 611, 221-226.	0.2	2
15	Parallelepiped Sandwich Shell - Searching for the Optimal Geometric Parameters. <i>Applied Mechanics and Materials</i> , 2014, 611, 170-174.	0.2	2
16	The Distribution of Stress in a Sandwich Conical Shell Panel Under Combined Load. <i>Procedia Engineering</i> , 2014, 96, 467-476.	1.2	2
17	Analysis of Uncertainty of Tilt Measurement with Accelerometer. <i>Applied Mechanics and Materials</i> , 0, 611, 548-556.	0.2	2
18	Modelling of the Flow of Streams of Cohesionless and Cohesive Bulk Materials in a Conveyor Discharge Point of a Descending Belt Conveyor. <i>Procedia Engineering</i> , 2014, 96, 28-38.	1.2	2

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19	Modernization and Optimization of Phosphoric Cast Iron Casting. <i>Metals</i> , 2019, 9, 1060.	2.3	2
20	The stress state in the three-layer open conical shell during of stability loss. <i>Acta Mechanica Slovaca</i> , 2014, 18, 56-62.	0.1	2
21	The stability of the sandwich conical shell panel - the stress state analysis. <i>Tehnicki Vjesnik</i> , 2017, 24, .	0.2	1
22	Knowledge and Information Management. <i>System Safety Human - Technical Facility - Environment</i> , 2021, 3, 1-10.	0.1	1
23	Analysis of the Structure of the Surface Layer of Spheroidal Cast Iron GJS Casts. <i>Procedia Engineering</i> , 2012, 48, 320-325.	1.2	0
24	Puck Collecting Robot. <i>Applied Mechanics and Materials</i> , 2014, 611, 256-264.	0.2	0
25	Matematic Model of the Use of Raw Spheroidal Iron Casts. <i>Procedia Engineering</i> , 2014, 96, 257-267.	1.2	0
26	Dissipation of Energy in Sandwich-Structured Equestrian Helmet – Numerical Analysis Under Overload Conditions. <i>System Safety Human - Technical Facility - Environment</i> , 2021, 3, 11-18.	0.1	0
27	Estructura y propiedades mecánicas del hierro dúctil GJS-500-7. <i>Revista De Metalurgia</i> , 2017, 53, 095.	0.5	0
28	WRIST REHABILITATION WITH MANIPULATOR TO PERFORM PASSIVE AND ACTIVE EXERCISES. <i>Lekar A Technika</i> , 2019, 49, 52-57.	0.1	0
29	The Use of Navigation in Operations Supporting Drilling Processes. <i>System Safety Human - Technical Facility - Environment</i> , 2020, 2, 183-190.	0.1	0
30	Modern it Support Systems - CMMS in the Production Plant. <i>System Safety Human - Technical Facility - Environment</i> , 2020, 2, 316-323.	0.1	0
31	EVALUATION OF SUPPLIERS'™ QUALITY AND SIGNIFICANCE BY METHODS BASED ON WEIGHTED ORDER. <i>Acta Logistica</i> , 2020, 7, 1-7.	0.6	0