Oleg Zabolotnyi

List of Publications by Year
in descending order

24 papers	129 citations	1307594 7 h-index	1372567 10 g-index
31 all docs	31 docs citations	31 times ranked	87 citing authors

#	Article	IF	Citations
1	Metallographic Analysis and Microstructural Image Processing of Sandblasting Nozzles Produced by Powder Metallurgy Methods. Powder Metallurgy and Metal Ceramics, 2015, 54, 234-240.	0.8	16
2	Modeling of Processes for Creation New Porous Permeable Materials with Adjustable Properties. Lecture Notes in Mechanical Engineering, 2020, , 456-465.	0.4	14
3	Numerical Simulation of the Microstructure of Structural-Inhomogeneous Materials. Lecture Notes in Mechanical Engineering, 2020, , 562-571.	0.4	13
4	Developing New Design and Investigating Porous Nozzles for Abrasive Jet Machine. Powder Metallurgy and Metal Ceramics, 2015, 53, 600-605.	0.8	11
5	Influence of Diamond Smoothering Treatment Power Parameters on Microgeometry of Working Surfaces of Conjugated Parts. Lecture Notes in Mechanical Engineering, 2020, , 372-381.	0.4	8
6	Improvement of Processes for Obtaining Titanium Alloys for Manufacturing Parts with Design Elements. Lecture Notes in Mechanical Engineering, 2022, , 323-333.	0.4	8
7	Stages of the Virtual Technical Functions Concept Networks Development. EAI/Springer Innovations in Communication and Computing, 2021, , 119-135.	1.1	7
8	A Method of Body Parts Force Displacements Calculation of Metal-Cutting Machine Tools Using CAD and CAE Technologies. Annals of Emerging Technologies in Computing, 2019, 3, 37-47.	1.3	7
9	Basic Stations Work Optimization in Cellular Communication Network. EAI/Springer Innovations in Communication and Computing, 2021, , 1-19.	1.1	6
10	Powder Technology and Software Tools for Microstructure Control of AlCu2 Samples. Lecture Notes in Mechanical Engineering, 2021, , 585-593.	0.4	6
11	Obtaining of Porous Powder Materials by Radial Pressing Method. Lecture Notes in Mechanical Engineering, 2019, , 186-198.	0.4	4
12	The Auxiliary Parametric Sensitivity Method as a Means of Improving Project Management Analysis and Synthesis of Executive Elements. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 174-184.	0.3	3
13	An Increase in Wear Resistance Frictional Contact of Functional Surfaces for Plunger Pairs. Lecture Notes in Mechanical Engineering, 2021, , 84-94.	0.4	2
14	Project Safety Management Systems of Students with 3D Game Development. EAI/Springer Innovations in Communication and Computing, 2022, , 459-468.	1.1	2
15	The Behaviour of a Rod (Beam) Under the Influence of an External Power Load. Lecture Notes in Mechanical Engineering, 2022, , 13-22.	0.4	2
16	Modeling the Structural Characteristics of Porous Powder Materials with Application Models of Casual Two-Dimensional Packaging. EAI/Springer Innovations in Communication and Computing, 2020, , 15-25.	1.1	1
17	Surface Roughness Measurement of Casted Parts after Abrasive Blasting Processing. , 2018, , .		1
18	Influence of the Cutting Temperature on the Surface Layer Quality When Grinding Sintered Porous Materials. Lecture Notes in Mechanical Engineering, 2022, , 455-465.	0.4	1

#	Article	IF	Citations
19	Algorithmization of Functional-Modular Design of Packaging Equipment Using the Optimization Synthesis Principles. Lecture Notes in Mechanical Engineering, 2022, , 143-154.	0.4	1
20	Modeling and Management of the Technical and Technological Potential for the Agriculture Sector. EAI/Springer Innovations in Communication and Computing, 2022, , 81-90.	1.1	0
21	Technology Obtaining of Highly Efficient Powdered Filtering Materials for Cleaning Liquids and Gases. , 2018, , .		0
22	Experimental Vibrating Complex for the Research of Pressing Processes of Powder Materials. Lecture Notes in Mechanical Engineering, 2020, , 321-329.	0.4	0
23	Technology of Obtaining Long-Length Powder Permeable Materials with Uniform Density Distributions. EAI/Springer Innovations in Communication and Computing, 2020, , 63-78.	1.1	0
24	Development of New Filtering Materials for the Purification of Alternative Fuels from Mechanical Impurities. Lecture Notes in Mechanical Engineering, 2020, , 461-469.	0.4	0