Nikita V Martyushev

List of Publications by Year
in descending order

47	532	759233 12	794594 19
papers	citations	h-index	g-index

47	47	47	114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensive Studies of the Processes of the Molecular Transfer of the Momentum, Thermal Energy and Mass in the Nutrient Media of Biotechnological Industries. Bioengineering, 2022, 9, 18.	3.5	3
2	Effect of the deformation degree at low temperatures on the phase transformations and properties of metastable austenitic steels. Metal Working and Material Science, 2022, 24, 73-86.	0.3	0
3	Environmental Behavior of Youth and Sustainable Development. Sustainability, 2022, 14, 250.	3.2	34
4	Research on the Possibility of Lowering the Manufacturing Accuracy of Cycloid Transmission Wheels with Intermediate Rolling Elements and a Free Cage. Applied Sciences (Switzerland), 2022, 12, 5.	2.5	27
5	Migration Potential of Students and Development of Human Capital. Education Sciences, 2022, 12, 324.	2.6	26
6	Determination of Inactive Powers in a Single-Phase AC Network. Energies, 2021, 14, 4814.	3.1	38
7	Peculiarities of High-Energy Induction Heating during Surface Hardening in Hybrid Processing Conditions. Metals, 2021, 11, 1354.	2.3	10
8	Online Communication Tools in Teaching Foreign Languages for Education Sustainability. Sustainability, 2021, 13, 11127.	3.2	12
9	Degradation of Lithium-Ion Batteries in an Electric Transport Complex. Energies, 2021, 14, 8072.	3.1	57
10	Structural and mechanical properties of stainless steel formed under conditions of layer-by-layer fusion of a wire by an electron beam. Metal Working and Material Science, 2021, 23, 111-124.	0.3	0
11	Environmental Education for Sustainable Development in Russia. Sustainability, 2020, 12, 7742.	3.2	27
12	Justification of the Flow Characteristics of the Recuperator for the Thermal Preparation of Machinery and Equipment Units. Metal Working and Material Science, 2020, 22, 82-93.	0.3	0
13	Influence of W Addition on Microstructure and Mechanical Properties of Al-12%Si Alloys. Materials, 2019, 12, 981.	2.9	24
14	Numerical Simulation of Temperature Field in Steel under Action of Electron Beam Heating Source. Key Engineering Materials, 2016, 712, 105-111.	0.4	19
15	Microstructure and Properties of the Composite on the Basis of Copper and Diamond. Key Engineering Materials, 2016, 685, 607-610.	0.4	2
16	Methodological Aspects of Evaluation of Foundry Technologies Effectiveness. Key Engineering Materials, 2016, 685, 445-449.	0.4	2
17	The Analysis of Microstructure and the Properties of the Metallic-Matrix Composite on the Basis of the Copper and Aluminum Oxide. Applied Mechanics and Materials, 2015, 770, 76-80.	0.2	0
18	Vessel ellipticity and eccentricity effect on automatic balancing accuracy. IOP Conference Series: Materials Science and Engineering, 2014, 66, 012011.	0.6	8

#	Article	IF	Citations
19	Magnetic Pulse Compaction of Oxide Powders of the (ZrO₂ â€“) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (Y<s 2014, 1040, 819-823.	0.3	13
20	Influence of Technological Factors on Structure and Properties of Alumina-Zirconia Ceramics. Advanced Materials Research, 2014, 1040, 845-849.	0.3	15
21	The Resource Efficiency Assessment Technique for the Foundry Production. Advanced Materials Research, 2014, 880, 141-145.	0.3	35
22	Principal Indicators for Efficiency Assessment of Resource Management in Foundry Production. Advanced Materials Research, 2014, 1040, 917-920.	0.3	4
23	The Possibility of Casting Surface Alloying by Nanopowders. Advanced Materials Research, 2014, 880, 272-275.	0.3	22
24	Investigation of the Properties of Alumina-Zirconia Ceramics. Advanced Materials Research, 2014, 1040, 245-249.	0.3	2
25	Effect of Mould Heating Temperature on Cooling Rate of the Melt upon Bronze Crystallization. Applied Mechanics and Materials, 2014, 682, 231-235.	0.2	2
26	An investigation into autobalancing devices with multireservoir system. IOP Conference Series: Materials Science and Engineering, 2014, 66, 012014.	0.6	11
27	Effect of protective release coatings on the basis of superdispersersed zirconium oxide powder on the formation of gas defects in bronze casting. IOP Conference Series: Materials Science and Engineering, 2014, 66, 012013.	0.6	0
28	Activation of Copper and Alumina Powders in Ball Mill. Advanced Materials Research, 2013, 872, 137-141.	0.3	12
29	Structure and Properties of Leaded Tin Bronze under Different Crystallization Conditions. Advanced Materials Research, 0, 872, 89-93.	0.3	12
30	Impact of Protective Release Coatings with Nanopowders on the Quality of Bronze Castings Surface. Advanced Materials Research, 0, 872, 112-117.	0.3	9
31	Evaluation of Gravitational Force Effect on Balancing Processes in Liquid-Type Autobalancing Devices. Advanced Materials Research, 0, 1040, 642-645.	0.3	2
32	Alignment of the Microstructure of Castings from the Heterophase Lead Bronzes. Advanced Materials Research, 0, 880, 163-167.	0.3	18
33	Effects of Crystallization Conditions on Lead Tin Bronze Properties. Advanced Materials Research, 0, 880, 174-178.	0.3	24
34	Evaluation of the Resource Efficiency of Foundry Technologies: Methodological Aspect. Advanced Materials Research, 0, 1040, 912-916.	0.3	21
35	Efficiency of Balancing by Liquid-Type Automatic Balancing Devices. Advanced Materials Research, 0, 1040, 858-863.	0.3	2
36	Stationary Rotation of the Partially Liquid-Filled Unbalanced Rotor under External Friction Force Action. Advanced Materials Research, 0, 1040, 903-906.	0.3	1

#	Article	IF	Citations
37	Copper Alloys Structure Parameters. Advanced Materials Research, 0, 1040, 225-229.	0.3	0
38	Mechanical Properties of Spun Castings of Multicomponent Bronze Depending on the Casting Conditions. Applied Mechanics and Materials, 0, 756, 308-312.	0.2	1
39	The Analysis of Microstructure and the Properties of the Metallic-Matrix Composite on the Basis of the Copper and Aluminum Oxide. Applied Mechanics and Materials, 0, 770, 151-155.	0.2	0
40	Lead Distribution in Centrifugal-Cast Billets Made of Quinary Tin-Base Bronze Depending on the Mould Spin Rate. Key Engineering Materials, 0, 685, 455-458.	0.4	2
41	The Influence of the Pouring Temperature on the Structure and Properties of Copper Metal Alloys. Key Engineering Materials, 0, 685, 450-454.	0.4	0
42	Casting Quality Enhancement of Bushings Made of Foundry Aluminium Bronzes. Key Engineering Materials, 0, 685, 459-462.	0.4	0
43	Features of the Fine Structure of the Active Layers of Organic Solar Cells. Key Engineering Materials, 0, 712, 176-181.	0.4	2
44	Capabilities of Laser Printers with Different Power. Key Engineering Materials, 0, 712, 246-250.	0.4	3
45	SLS Setup and its Working Procedure. Key Engineering Materials, 0, 685, 477-481.	0.4	5
46	Production of Powders by the Method of Electrospark Dispersion. Key Engineering Materials, 0, 685, 710-714.	0.4	1
47	Integrated Quality Ensuring Technique of Plasma Wear Resistant Coatings. Key Engineering Materials, 0, 736, 132-137.	0.4	24