

# Oleg Sobol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4548778/publications.pdf>

Version: 2024-02-01

12  
papers

129  
citations

1937457

4  
h-index

1281743

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and mechanical properties of NbN and Nb-Si-N films: Experiment and molecular dynamics simulations. <i>Ceramics International</i> , 2016, 42, 11743-11756.	2.3	63
2	Multilayered vacuum-arc nanocomposite TiN/ZrN coatings before and after annealing: Structure, properties, first-principles calculations. <i>Materials Characterization</i> , 2017, 134, 55-63.	1.9	46
3	Improvement of energy efficiency in the operation of a thermal reactor with submerged combustion apparatus through the cyclic input of energy. <i>Eastern-European Journal of Enterprise Technologies</i> , 2017, 2, 39-43.	0.3	6
4	Structure and properties of high-entropy alloys based on refractory metals. <i>Materials Today: Proceedings</i> , 2020, 30, 736-741.	0.9	4
5	Use of computer processing by the method of multi-threshold cross sections for the analysis of optical images of fractal surface microstructure. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 5, 29-35.	0.3	2
6	Study of the effect of ion nitriding regimes on the structure and hardness of steel. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 2, 63.	0.3	1
7	Methods for Calculating the Grain Boundary Adsorption Capacity of Nanostructured Copper Based Condensates. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 199-206.	0.3	1
8	Structural Engineering of Nanocomposite Coatings Based on Tungsten and Titanium Carbides. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 552-561.	0.3	1
9	Structural engineering of multi-period composite nitride vacuum-arc coating based on (TiAlSi)N. <i>Materials Today: Proceedings</i> , 2020, 30, 722-726.	0.9	0
10	The Use of Ion Bombardment Modeling as a Component of the Structural Engineering of Nanoperiodic Composite Structures. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 575-584.	0.3	0
11	A study of the effect of deposition conditions on the phase-structural state of ion-plasma WC â€“ TiC coatings. <i>Eastern-European Journal of Enterprise Technologies</i> , 2019, 5, 6-13.	0.3	0
12	Effects of High-Voltage Potential Bias in Pulsed Form on the Structure and Mechanical Characteristics of Multilayer and Multielement Coatings Obtained by Vacuum Arc Evaporation. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 451-460.	0.3	0