

Volodymyr Ivashchenko

List of Publications by Year in descending order

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5
papers

202
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

206
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.	4.8	63
2	First-principles quantum molecular dynamics study of Ti _x Zr _{1-x} N(111)/SiN _y heterostructures and comparison with experimental results. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 025007.	6.1	47
3	Multilayered vacuum-arc nanocomposite TiN/ZrN coatings before and after annealing: Structure, properties, first-principles calculations. <i>Materials Characterization</i> , 2017, 134, 55-63.	4.4	46
4	Nanocomposite Nb-Al-N coatings: Experimental and theoretical principles of phase transformations. <i>Journal of Alloys and Compounds</i> , 2017, 718, 260-269.	5.5	28
5	Comparative measurements and analysis of the mechanical and electrical properties of Ti-Zr-C nanocomposite: Role of stoichiometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 176, 109223.	5.0	18