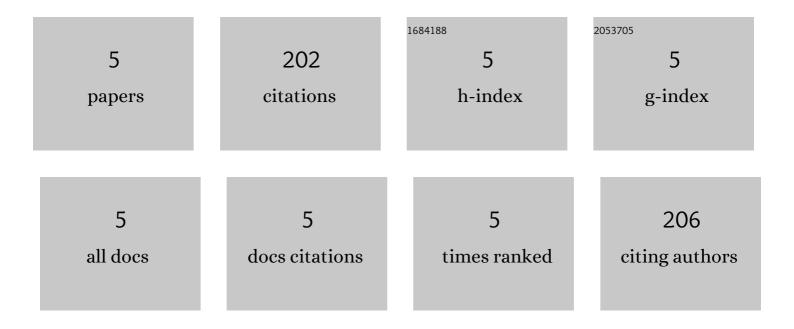
Volodymyr Ivashchenko

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Structural and mechanical properties of NbN and Nb-Si-N films: Experiment and molecular dynamics simulations. Ceramics International, 2016, 42, 11743-11756. | 4.8 | 63 |
| 2 | First-principles quantum molecular dynamics study of Ti _{<i>x</i>} Zr _{1â^'<i>x</i>} N(111)/SiN _{<i>y</i>} heterostructures and comparison with experimental results. Science and Technology of Advanced Materials, 2014, 15, 025007. | 6.1 | 47 |
| 3 | Multilayered vacuum-arc nanocomposite TiN/ZrN coatings before and after annealing: Structure, properties, first-principles calculations. Materials Characterization, 2017, 134, 55-63. | 4.4 | 46 |
| 4 | Nanocomposite Nb-Al-N coatings: Experimental and theoretical principles of phase transformations. Journal of Alloys and Compounds, 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. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109223. | 5.0 | 18 |