

# Vladislav B Deev

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

166  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

84  
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors determining solid solution phase formation and stability in CoCrFeNiX <sub>0.4</sub> (X=Al, Nb, Ta) high entropy alloys fabricated by powder plasma arc additive manufacturing. <i>Journal of Alloys and Compounds</i> , 2021, 857, 157625.	5.5	38
2	Powder plasma arc additive manufactured CoCrFeNi(SiC) <sub>x</sub> high-entropy alloys: Microstructure and mechanical properties. <i>Materials Letters</i> , 2021, 282, 128736.	2.6	32
3	Strengthening Mechanisms in CoCrFeNiX <sub>0.4</sub> (Al, Nb, Ta) High Entropy Alloys Fabricated by Powder Plasma Arc Additive Manufacturing. <i>Nanomaterials</i> , 2021, 11, 721.	4.1	21
4	Physical Methods of Melt Processing at Production of Aluminum Alloys and Composites: Opportunities and Prospects of Application. <i>Materials Science Forum</i> , 2019, 946, 655-660.	0.3	13
5	Effect of Superheat Melt Treatment on Microstructure and Mechanical Properties of Aluminum Alloys Produced by Lost Foam Casting. <i>Solid State Phenomena</i> , 0, 284, 593-597.	0.3	11
6	Aluminum Matrix In-Situ Composites Reinforced with Mg <sub>2</sub> Si and Al <sub>3</sub> Ti. <i>Materials Today: Proceedings</i> , 2019, 11, 386-391.	1.8	11
7	Thermodynamic assessment of the Al-Mg-Si-Ti phase diagram for metal matrix composites design. <i>Materials Today: Proceedings</i> , 2019, 19, 2005-2008.	1.8	10
8	Microstructure evolution of additively manufactured CoCrFeNiAl <sub>0.4</sub> high-entropy alloy under thermo-mechanical processing. <i>Journal of Materials Research and Technology</i> , 2022, 16, 442-450.	5.8	9
9	Synthesis of Complex-Alloyed Nickel Aluminides from Oxide Compounds by Aluminothermic Method. <i>Metals</i> , 2018, 8, 439.	2.3	7
10	Effect of La Addition on Solidification Behavior and Phase Composition of Cast Al-Mg-Si Alloy. <i>Metals</i> , 2020, 10, 1673.	2.3	7
11	Effect of Melt Overheating on Structure and Mechanical Properties of Al-Mg-Si Cast Alloy. <i>Metals</i> , 2021, 11, 1353.	2.3	6
12	Deformation Behavior of Cu-6.5 wt.% Al Alloy Under Quasi-Static Tensile Loading. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5086-5092.	2.5	1