

# 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  | 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         |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | 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         |
| 6  | Effect of Melt Overheating on Structure and Mechanical Properties of Al-Mg-Si Cast Alloy. <i>Metals</i> , 2021, 11, 1353.   | 2.3 | 6         |
| 7  | 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         |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | Synthesis of Complex-Alloyed Nickel Aluminides from Oxide Compounds by Aluminothermic Method. <i>Metals</i> , 2018, 8, 439.   | 2.3 | 7         |
| 12 | 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        |