Vildan Guder

List of Publications by Year
in descending order

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9 papers	46 citations	1937685 4 h-index	1720034 7 g-index
9 all docs	9 docs citations	9 times ranked	27 citing authors

#	Article	IF	Citations
1	Dynamical and structural properties of metallic liquid and glass Zr48Cu36Ag8Al8 alloy studied by molecular dynamics simulation. Journal of Non-Crystalline Solids, 2021, 566, 120890.	3.1	14
2	Tensile strength and failure mechanism of hcp zirconium nanowires: Effect of diameter, temperature and strain rate. Computational Materials Science, 2020, 177, 109551.	3.0	11
3	Pressure dependent evolution of microstructures in Pd80Si20 bulk metallic glass. Journal of Non-Crystalline Solids, 2022, 576, 121290.	3.1	6
4	Key factors of deformation mechanism of Cu-Ag alloy. Journal of Non-Crystalline Solids, 2022, 576, 121270.	3.1	5
5	Thermodynamic Properties of Potassium Oxide (K2O) Nanoparticles by Molecular Dynamics Simulations. Acta Physica Polonica A, 2017, 131, 490-495.	0.5	4
6	Surface effects on the mechanical properties of rhodium nanowires by molecular dynamics simulations. Physica B: Condensed Matter, 2021, 622, 413344.	2.7	3
7	Computational Modeling of the Liquid Structure of Grossular Ca3Al2Si3O12Glass-Ceramics. Acta Physica Polonica A, 2016, 129, 535-537.	0.5	2
8	CuTi Nanotellerinin Germe OranÄ± ve Boyuta BaÄŸlÄ± Mekanik DavranÄ±ÅŸÄ±. TÃ¼rk DoÄŸa Ve Fen Dergisi, 0, , .	0.5	1
9	A Computational Model of Cd2+ Doped Fluorapatite Ca10(PO4)6F2 Biomaterial by Molecular Dynamics Simulations. Materials Today: Proceedings, 2020, 32, 44-52.	1.8	0