

Sefa Kazan

List of Publications by Year in descending order

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21
papers

208
citations

1039880

9
h-index

1058333

14
g-index

21
all docs

21
docs citations

21
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics study of pressure effect on crystallization behaviour of amorphous CuNi alloy during isothermal annealing. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 365, 473-477.	0.9	36
2	Pressure effects on martensitic transformation under quenching process in a molecular dynamics model of NiAl alloy. <i>Physica B: Condensed Matter</i> , 2003, 334, 375-381.	1.3	29
3	Crystallization analysis and determination of Avrami exponents of CuAlNi alloy by molecular dynamics simulation. <i>Physica B: Condensed Matter</i> , 2013, 409, 63-70.	1.3	21
4	Pressure effect on the structural properties of amorphous Ag during isothermal annealing. <i>Intermetallics</i> , 2008, 16, 793-800.	1.8	19
5	Molecular dynamics study of pressure effect on glass formation and the crystallization in liquid CuNi alloy. <i>Computational Materials Science</i> , 2006, 38, 405-409.	1.4	16
6	Investigation of the effect of pressure on some physical parameters and thermoelastic phase transformation of NiAl alloy. <i>International Journal of Solids and Structures</i> , 2008, 45, 3282-3289.	1.3	13
7	Pressure effect on intermediate structures during transition from amorphous to crystalline states of copper. <i>Computational Materials Science</i> , 2007, 40, 179-185.	1.4	12
8	Cesium Concentration Spatial Distribution Modeling by Point Cumulative Semivariogram. <i>Water, Air, and Soil Pollution</i> , 2008, 195, 151-160.	1.1	11
9	Temperature and pressure dependence of the some elastic and lattice dynamical properties of copper: a molecular dynamics study. <i>Physica B: Condensed Matter</i> , 2006, 381, 96-102.	1.3	10
10	The investigation of solid-solid phase transformation at CuAlNi alloy using molecular dynamics simulation. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1836-1841.	1.9	6
11	The effects on the lattice dynamical properties of the temperature and pressure in random NiPd alloy. <i>Canadian Journal of Physics</i> , 2013, 91, 833-838.	0.4	6
12	The Pressure Effect on Glass Formation and Cluster Structure Evolution during Cooling Process of PdNi Alloy: A Molecular Dynamics Study. <i>Acta Physica Polonica A</i> , 2014, 125, 49-53.	0.2	5
13	Thermal and pressure-induced martensitic phase transformations in a Ni-Al alloy modelled by Sutton-Chen embedded atom method. <i>Molecular Simulation</i> , 2008, 34, 251-257.	0.9	4
14	Investigating the crystallization process of a ternary alloy system with a new nano-cluster analysis by using molecular dynamics method. <i>Solid State Sciences</i> , 2011, 13, 959-965.	1.5	4
15	Investigation of the effect of pressure on thermodynamic properties and thermoelastic phase transformation of CuAlNi alloys: A molecular dynamics study. <i>Current Applied Physics</i> , 2012, 12, 98-104.	1.1	4
16	Pressure effect on phonon frequencies in some transition metals: A molecular dynamics study. <i>Physica B: Condensed Matter</i> , 2005, 365, 185-192.	1.3	3
17	The calculation of some thermoelastic properties and pressure-temperature (P - T) diagrams of Rh and Sr using molecular dynamics simulation. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 326204.	0.7	3
18	A molecular dynamics study on iridium. <i>Open Physics</i> , 2007, 5, .	0.8	3

#	ARTICLE	IF	CITATIONS
19	The effect of pressure on the elastic constants of Cu, Ag and Au: a molecular dynamics study. Open Physics, 2006, 4, .	0.8	2
20	The local order and structural evolution of amorphous PdAg alloy during isothermal annealing under high pressure: A molecular dynamics study. Canadian Journal of Physics, 2015, 93, 7-13.	0.4	1
21	Self-Efficacy Perceptions of Science Teachers for Assessment Literacy. International Journal of Education and Literacy Studies, 2021, 9, 142.	0.3	0