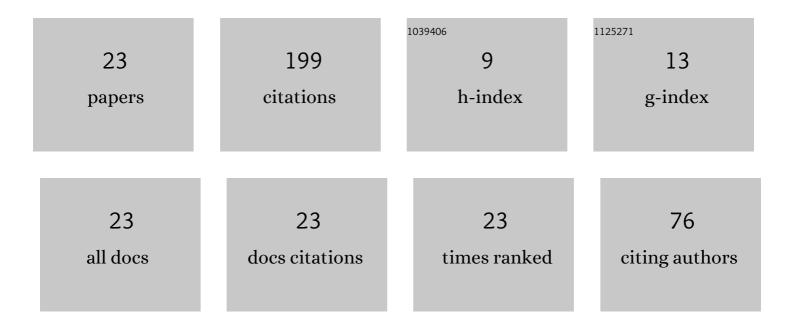
Abdessamad Hassani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/754581/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Molecular dynamics study of growth and interface structure during aluminum deposition on Ni(1 0 0) substrate. Applied Surface Science, 2015, 349, 785-791.	3.1	32
2	Incidence energy effect and impact assessment during homoepitaxial growth of nickel on (001), (111) and (110) surfaces. Thin Solid Films, 2017, 640, 123-133.	0.8	23
3	Structural and mechanical behaviors of Mg-Al metallic glasses investigated by molecular dynamics simulations. Computational Materials Science, 2020, 184, 109895.	1.4	19
4	THE INFLUENCE OF THE SURFACE ORIENTATION ON THE MORPHOLOGY DURING HOMOEPITAXIAL GROWTH OF NICKEL BY MOLECULAR DYNAMICS SIMULATION. Surface Review and Letters, 2017, 24, 1750019.	0.5	17
5	Tuning of mechanical properties of Tantalum-based metallic glasses. International Journal of Mechanical Sciences, 2021, 204, 106546.	3.6	13
6	Elastic and structural properties of Mg25Al75 binary metallic glass under different cooling conditions. Journal of Alloys and Compounds, 2022, 891, 161979.	2.8	13
7	Investigation of fcc and hcp island nucleated during homoepitaxial growth of copper by molecular dynamics simulation. Superlattices and Microstructures, 2019, 127, 118-122.	1.4	12
8	Structural and magnetic properties of iron nanoparticles: insights from Monte-Carlo and molecular-statics simulations. Materials Research Express, 2019, 6, 095097.	0.8	11
9	Statistical investigations of the film-substrate interface during aluminum deposition on Ni(111) by molecular dynamics simulation. Superlattices and Microstructures, 2019, 127, 80-85.	1.4	11
10	Investigating the potentialities of Ni3Al alloy formation on Ni substrates: Molecular dynamics simulation. Journal of Crystal Growth, 2020, 537, 125607.	0.7	9
11	Investigating local atomic structural order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>TiAl</mml:mtext></mml:mrow><mml:m glass using molecular dynamic simulation. Computational Condensed Matter, 2018, 14, 74-83.</mml:m </mml:msub></mml:mrow></mml:math 	n>3 <td>l:mñ></td>	l:mñ>
12	Kinetic Monte Carlo Simulation of Au Monolayer Evolution on Cu(110). Physica Status Solidi (B): Basic Research, 2018, 255, 1800404.	0.7	8
13	Kinetic Monte Carlo simulations of coverage effect on Ag and Au monolayers growth on Cu (1â€ ⁻ 1â€ ⁻ 0). Journal of Crystal Growth, 2019, 522, 139-150.	0.7	5
14	Structure Stability and Diffusion Mechanism of Au Tetramers on Ag (110) Surface. Sensor Letters, 2018, 16, 386-390.	0.4	4
15	Silver monolayer formation on Cu(110) by kinetic Monte Carlo method. European Physical Journal Plus, 2019, 134, 1.	1.2	3
16	Molecular dynamics simulation of surface morphology during homoepitaxial growth of Copper. EPJ Applied Physics, 2019, 87, 31301.	0.3	3
17	Anisotropy diffusion in monolayer growth of Au on Cu (110) by kinetic Monte Carlo method. Molecular Crystals and Liquid Crystals, 2019, 693, 39-48.	0.4	2
18	Structure, stability, and surface diffusion of clusters: Pt4/Cu (110) AND Au4/Ag (110) surface by molecular dynamics. EPJ Applied Physics, 2020, 91, 31302.	0.3	2

#	Article	IF	CITATIONS
19	Molecular-Dynamics Study Of Self-Diffusion: Of The Au4;Au4/Ag(110) System. IOP Conference Series: Materials Science and Engineering, 2020, 948, 012011.	0.3	2
20	NiAl thin film growth on Ni(001) substrate using molecular dynamics simulations. EPJ Applied Physics, 2020, 91, 30301.	0.3	2
21	Schrödinger–Poisson system with potential of critical growth. Asian-European Journal of Mathematics, 2016, 09, 1650086.	0.2	Ο
22	First Au monolayer formation on Cu(110) surface. IOP Conference Series: Materials Science and Engineering, 2020, 948, 012026.	0.3	0
23	Shape transition and coalescence of Au islands on Ag (110) by molecular dynamics simulation. Journal of Molecular Modeling, 2021, 27, 120.	0.8	0