Rizal Arifin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4271549/publications.pdf

Version: 2024-02-01

20 papers	153 citations	1684188 5 h-index	1199594 12 g-index
20 all docs	20 docs citations	20 times ranked	156 citing authors

#	Article	IF	Citations
1	THE IMPLEMENTATION OF THE MACHINE LEARNING ALGORITHM FOR THE SENTIMENT ANALYSIS OF INDONESIAâ€™S 2019 PRESIDENTIAL ELECTION. IIUM Engineering Journal, 2021, 22, 78-92.	0.8	4
2	Structural Change of TiAl Alloy under Uniaxial Tension and Compression in the <001> Direction: A Molecular Dynamics Study. Metals, 2021, 11, 1760.	2.3	5
3	Evaluation of the accuracy of winnowing, rabin karp and knuth morris pratt algorithms in plagiarism detection applications. Journal of Physics: Conference Series, 2020, 1517, 012093.	0.4	2
4	Design and implementation of water pump control system for rice field irrigation. Journal of Physics: Conference Series, 2020, 1528, 012002.	0.4	0
5	Cooling timesâ€™ dependence on the glassy NiTi at extremely low temperatures: a result from rapid solidification using molecular dynamics simulations. Journal of Physics: Conference Series, 2020, 1428, 012003.	0.4	0
6	Glassy NiTi produced with different cooling times: Structural investigation using molecular dynamics simulations. Results in Physics, 2019, 15, 102545.	4.1	3
7	Pressure dependence of the structure of liquid NiTi: a molecular dynamics study. Journal of Physics Condensed Matter, 2019, 31, 365401.	1.8	5
8	Evaluation of melting behaviour of Nickel, Titanium, and NiTi alloy using EAM and MEAM type potential. Journal of Physics: Conference Series, 2019, 1171, 012035.	0.4	5
9	Upaya Peningkatan Efektifitas Pengairan Sawah dengan Sistem Kontrol Pompa Air Listrik. Dinamisia Jurnal Pengabdian Kepada Masyarakat, 2019, 3, 228-234.	0.1	1
10	Molecular Dynamics Simulations of Iron-Joining Using Copper as a Filler Metal. Makara Journal of Science, 2018, 22, .	0.3	1
11	PREDIKSI JUMLAH PERMINTAAN PASAR PRODUK BREM DENGAN MENGGUNAKAN JARINGAN SYARAF TIRUAN METODE PROPAGASI MUNDUR. Multitek Indonesia, 2018, 12, 58.	0.2	1
12	A review of detection plagiarism in indonesian language. International Journal Artificial Intelligent and Informatics, 2018, 1, 65.	0.1	0
13	Performance of EAM and MEAM Potential for NiTi Alloys: A Comparative Study. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012252.	0.6	3
14	Ab Initio Molecular Dynamics Simulation of Ethylene Reaction on Nickel (111) Surface. Journal of Physical Chemistry C, 2015, 119, 3210-3216.	3.1	22
15	Ab initio molecular dynamics simulation of ethanol decomposition on platinum cluster at initial stage of carbon nanotube growth. Chemical Physics Letters, 2015, 636, 110-116.	2.6	10
16	First principles calculation of CH4 decomposition on nickel (111) surface. European Physical Journal B, 2015, 88, 1.	1.5	14
17	Low reactivity of methane on copper surface during graphene synthesis via CVD process: Ab initio molecular dynamics simulation. Chemical Physics Letters, 2014, 610-611, 33-38.	2.6	19
18	Ab initio molecular dynamics simulation of dissociation of methane on nickel(1 1 1) surface: Unravelling initial stage of graphene growth via a CVD technique. Chemical Physics Letters, 2013, 565, 92-97.	2.6	54

#	Article	IF	Citations
19	Atomic diffusion at the Niâ€“Ti liquid interface using molecular dynamics simulations. Canadian Metallurgical Quarterly, 0, , 1-7.	1.2	3
20	Density functional theory study of dissociative adsorption of H₂ molecules on NiTi (001) surfaces. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 0, , 239779142211145.	0.6	1