

# Suprijadi

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

272  
citations

1163117

8  
h-index

1281871

11  
g-index

25  
all docs

25  
docs citations

25  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and optical characteristics of Eu <sup>3+</sup> ions in sodium-lead-zinc-lithium-borate glass system. Journal of Molecular Structure, 2016, 1121, 180-187.	3.6	117
2	Transmission electron microscopy of amorphization and phase transformation beneath indents in Si. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2002, 82, 1971-1981.	0.6	50
3	On the dislocation mechanism of amorphization of Si by indentation. Philosophical Magazine Letters, 2002, 82, 133-139.	1.2	22
4	Platinum single-atom adsorption on graphene: a density functional theory study. Nanoscale Advances, 2019, 1, 1165-1174.	4.6	21
5	Transmission electron microscopy of amorphization and phase transformation beneath indents in Si. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2002, 82, 1971-1981.	0.6	13
6	Development of a new personal air filter test system using a low-cost particulate matter (PM) sensor. Aerosol Science and Technology, 2020, 54, 203-216.	3.1	10
7	Atomic and molecular adsorption on single platinum atom at the graphene edge: A density functional theory study. Journal of Chemical Physics, 2020, 152, 104707.	3.0	10
8	The study of electronic structure and properties of silicene for gas sensor application. AIP Conference Proceedings, 2016, , .	0.4	9
9	Stability and electronic properties of defective single walled carbon nanotubes (CNTs). AIP Conference Proceedings, 2017, , .	0.4	5
10	Experimental and simulation approach of the loop geometry effect on the natural circulation system of the advanced nuclear reactor. International Journal of Energy Research, 2021, 45, 11892-11903.	4.5	4
11	A Simple Real-Time System for Detection of Normal and Myocardial Ischemia in The ST segment and T Wave ECG Signal. , 2019, , .		3
12	Color Image processing for measuring length deformation in compression test. , 2011, , .		2
13	A comprehensive characterization of a linear deformation sensor for applications in triaxial compression tests. , 2013, , .		2
14	Application of computational physics: Blood vessel constrictions and medical infuses. , 2014, , .		2
15	Volume estimation of brain abnormalities in MRI data. , 2014, , .		1
16	Transition mechanism of Stone-Wales defect in armchair edge (5,5) carbon nanotube. AIP Conference Proceedings, 2015, , .	0.4	1
17	Temperature and humidity characteristic of cassava fermentation process: A preliminary study for air controlled treatment for cassava fermentation process. , 2013, , .		0
18	Modeling of blood vessel constriction in 2-D case using molecular dynamics method. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	A simple and inexpensive vertical deformation measurement system for soil compression tests. , 2014, , .		0
20	A Simple Unconsolidated Undrained Triaxial Compression Test Emulator. Applied Mechanics and Materials, 2015, 771, 104-107.	0.2	0
21	Study of hydrogenated silicene: The initialization model of hydrogenation on planar, low buckled and high buckled structures of silicene. AIP Conference Proceedings, 2015, , .	0.4	0
22	Study on efficiency of time computation in x-ray imaging simulation base on Monte Carlo algorithm using graphics processing unit. AIP Conference Proceedings, 2016, , .	0.4	0
23	Induced Current Simulation of One-Dimensional Vibrating Magnetic Granular Particles System. , 2018, , .		0
24	Molecular dynamics (MD) method and agent-based model (ABM) in simulation of stem cell deposition on the surface with nanopattern: Current development stage of an in-house simulator. AIP Conference Proceedings, 2021, , .	0.4	0