

# Riser Fahdiran

## List of Publications by Year in descending order

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42  
papers

85  
citations

1684188

5  
h-index

1588992

8  
g-index

42  
all docs

42  
docs citations

42  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology and optical properties of Cu-Al co-doped ZnO nanostructures. Surfaces and Interfaces, 2019, 16, 147-151.	3.0	17
2	Ultrafast laser irradiation of spherical nanoparticles: molecular-dynamics results on fragmentation and small-angle scattering. European Physical Journal D, 2015, 69, 1.	1.3	15
3	Laser Ablation of Nanoparticles: A Molecular Dynamics Study. Advanced Materials Research, 2015, 1112, 120-123.	0.3	8
4	Structural change of aluminum thin film in the temperature range from 300 K to 1000 K. MATEC Web of Conferences, 2018, 197, 02016.	0.2	8
5	Laser induced ablation of aluminum nanoparticle: a molecular dynamics study. MATEC Web of Conferences, 2018, 197, 04004.	0.2	6
6	The Active Hybrid Solar Panel integrated with Fresnel Lens Concentrator. Journal of Physics: Conference Series, 2020, 1485, 012005.	0.4	4
7	Active Solar Tracker Based on The Horizon Coordinate System. Journal of Physics: Conference Series, 2018, 1120, 012102.	0.4	3
8	Effect of different permeability on electromagnetic properties of absorbing materials. MATEC Web of Conferences, 2018, 197, 02015.	0.2	3
9	The effects of substrate on enhancement of UV emission of ZnO nanorods. Journal of Physics: Conference Series, 2019, 1402, 066008.	0.4	3
10	Development of static solar panel equipped by an active reflector based on LDR sensors. Journal of Physics: Conference Series, 2019, 1280, 022071.	0.4	2
11	Energies of the static solitary wave solutions of the one-dimensional Gross-Pitaevskii equation. Journal of Physics: Conference Series, 2019, 1402, 044083.	0.4	2
12	Characterization of hybrid solar panel prototype using PV-TEG module. AIP Conference Proceedings, 2019, , .	0.4	2
13	The effect of Al Element on Electrochemical Impedance of ZnO Thin Films. Journal of Physics: Conference Series, 2020, 1428, 012033.	0.4	2
14	The Growth of FeCoNi nanoparticles Electrodeposited from CTAB-assisted Sulfate Electrolyte. IOP Conference Series: Materials Science and Engineering, 2018, 434, 012099.	0.6	1
15	Controlling band gap of monolayer MnCl <sub>2</sub> with LDA+U. Journal of Physics: Conference Series, 2019, 1402, 044081.	0.4	1
16	Band gap control of bilayer zigzag graphene nanoribbon by direction of magnetic moment. Journal of Physics: Conference Series, 2019, 1402, 044106.	0.4	1
17	Specific capacitance and impedance of electrodeposited polyaniline, polypyrrole and polyaniline/polypyrrole composite films. Journal of Physics: Conference Series, 2019, 1402, 066015.	0.4	1
18	Silicon carbide (SiC) effect on mechanical properties and corrosion rates on composite Al/SiC and Al-Cu/SiC. AIP Conference Proceedings, 2019, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Microwave absorbing properties of teflon coating for x-band frequencies. AIP Conference Proceedings, 2021, , .	0.4	1
20	The volcanic ash dispersion simulation of Soputan with PUFF Lagrangian method. Journal of Physics: Conference Series, 2021, 1869, 012200.	0.4	1
21	Physical problem in interpreting classical energy of soliton of sine Gordon equation. Journal of Physics: Conference Series, 2021, 1869, 012191.	0.4	1
22	Structural, magnetic and microwave absorption properties of natural iron sand. Journal of Physics: Conference Series, 2021, 1869, 012182.	0.4	1
23	Morphological, structural, and optical properties of Co-doped ZnO NPs prepared by precipitation method. Journal of Ceramic Processing Research, 2019, 20, 518-521.	0.4	1
24	Effects of sintering temperature on structure, magnetic and dielectric properties of La <sub>0.5</sub> Sr <sub>0.5</sub> Fe <sub>0.9</sub> Mn <sub>0.05</sub> Ti <sub>0.05</sub> O <sub>3</sub> material. MATEC Web of Conferences, 2018, 197, 02008.	0.2	0
25	Phase transition in one-dimensional hydrogen chain: A dependence on basis orbitals, cut off radius, and doping. Journal of Physics: Conference Series, 2019, 1402, 044080.	0.4	0
26	Ideal gas model of Bose-Einstein condensates confined in the parabolic trap. Journal of Physics: Conference Series, 2019, 1402, 044084.	0.4	0
27	Effects of variations in the addition of SiCp filler to corrosion rate of metal matrix composites (MMCs) Al-Cu-Mg/SiCp. Journal of Physics: Conference Series, 2019, 1402, 044090.	0.4	0
28	Melting of gold nanoparticle: study on structural evolution. Journal of Physics: Conference Series, 2019, 1402, 066009.	0.4	0
29	Size dependencies on melting of Gold nanoparticle: A Molecular Dynamics study. Journal of Physics: Conference Series, 2019, 1402, 066002.	0.4	0
30	Microstructural and electrical properties of human blood. Journal of Physics: Conference Series, 2019, 1402, 044073.	0.4	0
31	Complex permittivity, complex permeability and microwave absorption properties of human blood. Journal of Physics: Conference Series, 2019, 1402, 044074.	0.4	0
32	Implications of higher order tensor in Einstein field equations on vacuum condition. Journal of Physics: Conference Series, 2019, 1402, 044082.	0.4	0
33	Cluster Evolution from Ultrafast Laser Irradiation of Gold Nanoparticle: A Molecular Dynamics Study. Journal of Physics: Conference Series, 2020, 1428, 012004.	0.4	0
34	The dynamics of a hockey player body on passing the ball. AIP Conference Proceedings, 2021, , .	0.4	0
35	Imposed conditions to make gauge invariance in Gross-Pitaevskii equation with time-dependent potential. AIP Conference Proceedings, 2021, , .	0.4	0
36	Energy momentum tensor of scalar field with higher order derivatives. Journal of Physics: Conference Series, 2021, 1869, 012189.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Complex permeability, permittivity and microwave absorption properties of barium hexaferrite synthesized from natural iron sand. Journal of Physics: Conference Series, 2021, 1869, 012183.	0.4	0
38	Permeability and Permittivity Measurements of Teflon in Millimeter Wave. Journal of Physics: Conference Series, 2021, 2019, 012104.	0.4	0
39	Millimeter Wave Absorption Properties of Teflon at Frequency Range from 50 GHz to 67 GHz. Journal of Physics: Conference Series, 2021, 2019, 012105.	0.4	0
40	Influence of LDA+U on band dispersion in monolayer MCl <sub>2</sub> (M: Fe, Co). Journal of Physics: Conference Series, 2021, 2019, 012074.	0.4	0
41	Influence of heating and cooling rates on thermodynamic properties of aluminum thin film from 300 to 1100 K. Journal of Physics: Conference Series, 2022, 2193, 012027.	0.4	0
42	Structure evolution due to heat treatment of aluminum nanoparticle with different sizes: a molecular dynamics study. Journal of Physics: Conference Series, 2022, 2193, 012026.	0.4	0