

# Mohamed O A El Ghazaly

## List of Publications by Year in descending order

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8  
papers

274  
citations

1937685

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h-index

1720034

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8  
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docs citations

8  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption of Schiff-Base Retinal Chromophores in Vacuo. Journal of the American Chemical Society, 2005, 127, 12347-12350.	13.7	130
2	Plant-mediated green synthesis of zinc oxide nanoparticles from <i>Syzygium Cumini</i> for seed germination and wastewater purification. International Journal of Environmental Analytical Chemistry, 2022, 102, 23-38.	3.3	83
3	Electron impact dissociation and ionization of N <sub>2</sub> <sup>+</sup> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 2963-2973.	1.5	43
4	Effects of chemical potentials on isothermal ion-acoustic solitary waves and their three-dimensional instability in a magnetized ultra-relativistic degenerate multicomponent plasma. Physics of Plasmas, 2020, 27, .	1.9	12
5	Numerical simulations and bifurcation analysis of monotonic and oscillatory magnetosonic shock waves in a spin 1/2 degenerate quantum plasma. Journal of Taibah University for Science, 2020, 14, 984-992.	2.5	3
6	Overtaking phenomenon of nonlinear ultra-low frequency multi-shock structures in ultra-relativistic degenerate plasmas. Radiation Effects and Defects in Solids, 2021, 176, 1189-1201.	1.2	2
7	Overtaking interactions of nonlinear ultra-low frequency multi-shock structures in non-relativistic and ultra-relativistic degenerate plasmas. Journal of Taibah University for Science, 2022, 16, 130-138.	2.5	1
8	Overtaking Interactions of Multi-Ion Acoustic Shock Waves in a Magnetized Degenerate Plasma: An Application in White Dwarfs. Journal of Nanoelectronics and Optoelectronics, 2022, 17, 335-343.	0.5	0