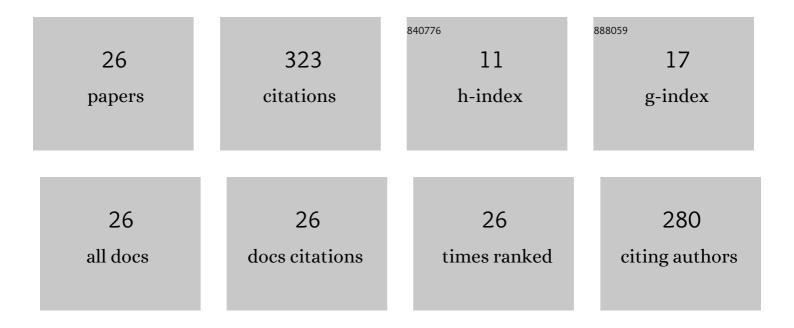
## Abdullah Al Naim

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ultrafast Detection of SARS-CoV-2 Spike Protein (S) and Receptor-Binding Domain (RBD) in Saliva Using Surface-Enhanced Raman Spectroscopy. Applied Sciences (Switzerland), 2022, 12, 5039.	2.5	7
2	Ceramic Ti/TiO2/AuNP Film with 1-D Nanostructures for Selfstanding Supercapacitor Electrodes. Crystals, 2022, 12, 791.	2.2	1
3	New high mechanically flexible and bendable nanocomposite Ag@NCDots/PEDOT:PSS/PVA films with high thermoelectric power performance and generator. Polymer, 2021, 226, 123792.	3.8	19
4	Structural morphology and nonlinear behavior of pure and co-doped Zn1-x-yFexMyO varistors with (M = Cu, Ni). Applied Physics A: Materials Science and Processing, 2021, 127, 486.	2.3	6
5	Influence of LiCl and AgNO3 Doping on the Electrical Conductivity of PVA Flexible Electrolyte Polymer Film. Crystals, 2021, 11, 822.	2.2	3
6	A new reusable adsorbent of polyvinyl alcohol/magnesium peroxide (PVA/MgO2) for highly selective adsorption and dye removal. Materials Chemistry and Physics, 2021, 270, 124820.	4.0	30
7	Superconductivity and thermal fluctuation of Y1-x Mx: 123 systems with (M = Pr,Ca) & (0.00 < x < 0.50): Comparative study. Physica B: Condensed Matter, 2021, 621, 413288.	2.7	2
8	A new class of electromagnetic shields based on carbon dots adorning Te nanorods embedded into PEDOT:PSS for protection from electromagnetic (EM) pollutions. Progress in Organic Coatings, 2021, 161, 106509.	3.9	14
9	Structural, FTIR spectra and optical properties of pure and co-doped Zn1-x-yFexMyO ceramics with (M = Cu, Ni) for plastic deformation and optoelectronic applications. Applied Physics A: Materials Science and Processing, 2021, 127, 840.	2.3	15
10	Morphological and Thermal Properties of Poly(Vinyl Alcohol)/Layered Double Hydroxide Hybrid Nanocomposite Fibers. International Journal of Polymer Science, 2020, 2020, 1-14.	2.7	2
11	Thermal Degradation of Polystyrene (PS) Nanocomposites Loaded with Sol Gel-Synthesized ZnO Nanorods. Polymers, 2020, 12, 1935.	4.5	28
12	Structural, optical, and magnetic properties of Co-doped ZnO nanocrystalline thin films for spintronic devices. Journal of Materials Science: Materials in Electronics, 2020, 31, 3613-3621.	2.2	14
13	Characterization of PVC/MWCNTs Nanocomposite: Solvent Blend. Science and Engineering of Composite Materials, 2020, 27, 55-64.	1.4	14
14	Structural and Optical Characteristics of Highly UV-Blue Luminescent ZnNiO Nanoparticles Prepared by Sol–Gel Method. Materials, 2020, 13, 879.	2.9	10
15	Interaction between two two-level atoms coupled to N-level quantum system. Optical and Quantum Electronics, 2019, 51, 1.	3.3	4
16	Synthesis and characterization of copper hydroxynitrate salt (Cu <sub>2</sub> (OH) <sub>3</sub> NO <sub>3</sub> ): Effect of gamma radiation absorbed doses on thermal stability. Materials Express, 2019, 9, 545-552.	0.5	2
17	Entanglement and physical attributes of the interaction between two SC-qubits and thermal field in the presence of a magnetic field. Microelectronics Journal, 2019, 86, 15-21.	2.0	10
18	Dynamic mechanical analysis and non-isothermal kinetics of EVA/PPy carbon black nanocomposites. Materials Science and Technology, 2019, 35, 560-570.	1.6	6

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#	Article	IF	CITATIONS
19	Effects of Kerr Medium and Stark Shift Parameter on Wehrl Entropy and the Field Purity for Two-Photon Jaynes–Cummings Model Under Dispersive Approximation. Journal of Russian Laser Research, 2019, 40, 20-29.	0.6	23
20	Damping in the Interaction of a Field and Two Three-Level Atoms Through Quantized Caldirola–Kanai Hamiltonian. Journal of Russian Laser Research, 2018, 39, 231-241.	0.6	5
21	Effect of gamma irradiation on the mechanical properties of PVC/ZnO polymer nanocomposite. Journal of Radiation Research and Applied Sciences, 2017, 10, 165-171.	1.2	48
22	A water-gated organic thin film transistor as a sensor for water-borne amines. Talanta, 2016, 153, 107-110.	5.5	12
23	Precursor-route ZnO films from a mixed casting solvent for high performance aqueous electrolyte-gated transistors. Physical Chemistry Chemical Physics, 2015, 17, 31247-31252.	2.8	10
24	Water-gated organic nanowire transistors. Organic Electronics, 2013, 14, 1057-1063.	2.6	9
25	Organic solvents as gate media for thin-film transistors. Journal of Applied Physics, 2012, 112, .	2.5	7
26	Electron transporting water-gated thin film transistors. Applied Physics Letters, 2012, 101, 141603.	3.3	22