Huda Abdullah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2053960/publications.pdf

Version: 2024-02-01

53	509	840776	888059
papers	citations	11 h-index	17 g-index

58	58	58	386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chitosanâ€Based Smart Polymeric Hydrogels and Their Prospective Applications in Biomedicine. Starch/Staerke, 2024, 76, 2100150.	2.1	10
2	An electrochemical sensor based on PANI-Ag1-x-Fex nanocomposite thin films irradiated by 10 kGy of gamma ray for E. coli detection applications. Materials Research Innovations, 2022, 26, 159-167.	2.3	1
3	Enhanced photovoltaic performance of various temperature TiO2-SiO2-Ni-GO dye-sensitized solar cells assembled with PAN gel electrolyte. Journal of Sol-Gel Science and Technology, 2022, 101, 269-278.	2.4	1
4	WO3â€“based photocatalysts: A review on synthesis, performance enhancement and photocatalytic memory for environmental applications. Ceramics International, 2022, 48, 5845-5875.	4.8	52
5	Zinc oxide/graphene nanocomposite as efficient photoelectrode in dyeâ€sensitized solar cells: Recent advances and future outlook. International Journal of Energy Research, 2022, 46, 7082-7100.	4.5	10
6	Oilfield-produced water treatment using conventional and membrane-based technologies for beneficial reuse: A critical review. Journal of Environmental Management, 2022, 308, 114556.	7.8	38
7	Bisphenol A Removal Using Visible Light Driven Cu2O/PVDF Photocatalytic Dual Layer Hollow Fiber Membrane. Membranes, 2022, 12, 208.	3.0	9
8	Direct and Sensitive Detection of Dopamine Using Carbon Quantum Dots Based Refractive Index Surface Plasmon Resonance Sensor. Nanomaterials, 2022, 12, 1799.	4.1	8
9	Mechanical, thermal and morphological properties of thermoplastic polyurethane composite reinforced by multi-walled carbon nanotube and titanium dioxide hybrid fillers. Polymer Bulletin, 2021, 78, 5815-5832.	3.3	7
10	Identification of Leptospira in water by Fe-Pd-doped polyaniline nanocomposite thin film. Nanomaterials and Nanotechnology, 2021, 11, 184798042110113.	3.0	6
11	Ammonia removal by adsorptive clinoptilolite ceramic membrane: Effect of dosage, isothermal behavior and regeneration process. Korean Journal of Chemical Engineering, 2021, 38, 807-815.	2.7	6
12	Effect of channel length on single walled carbon nanotubes thin film characteristics deposited via spray coating technique. , 2021, , .		1
13	The Influence of Growth Method Towards Carbon Nanotube Field Effect Transistor Performance. , 2021, , .		0
14	Fabrication and characterization of robust zirconia-kaolin hollow fiber membrane: Alkaline dissolution study in ammonia solution. Korean Journal of Chemical Engineering, 2021, 38, 2446-2460.	2.7	6
15	Fabrication of High Performance PVDF Hollow Fiber Membrane Using Less Toxic Solvent at Different Additive Loading and Air Gap. Membranes, 2021, 11, 843.	3.0	10
16	Phytochemical-Assisted Green Synthesis of Nickel Oxide Nanoparticles for Application as Electrocatalysts in Oxygen Evolution Reaction. Catalysts, 2021, 11, 1523.	3.5	20
17	Characterization of expeditious Leptospira bacteria detection using PANIâ€“Feâ€“Ni nanocomposite thin film. Polymer Bulletin, 2020, 77, 3969-3987.	3.3	5
18	Effect of energy band misalignment and morphology in In2O3-CNTs on electron transport in dye-sensitized solar cell. Molecular Crystals and Liquid Crystals, 2020, 702, 76-86.	0.9	1

#	Article	IF	Citations
19	Zinc Oxide Quantum Dots as Photoanode for Dye-Sensitized Solar Cell. , 2020, , .		0
20	Incident photon-to-current efficiency of thermally treated SWCNTs-based nanocomposite for dye-sensitized solar cell. Ionics, 2019, 25, 747-761.	2.4	3
21	Experimental and smoothed particle hydrodynamics analysis of interfacial bonding between aluminum powder particles and aluminum substrate by cold spray technique. International Journal of Advanced Manufacturing Technology, 2019, 103, 4519-4527.	3.0	12
22	High performance of a carbon monoxide sensor based on a Pd-doped graphene-tin oxide nanostructure composite. Ionics, 2019, 25, 4459-4468.	2.4	15
23	(SiO2)100-x-Nix (xâ€‰=â€‰2.5, 10.0) Composite-based photoanode with polymer gel electrolyte for increased dye-sensitized solar cell performance. Ionics, 2019, 25, 3387-3396.	2.4	7
24	Effect of energy band misalignment and morphology in In2O3-CNTs on electron transport in dye-sensitized solar cell. Molecular Crystals and Liquid Crystals, 2019, 694, 21-31.	0.9	0
25	Analytical modeling and simulation of a fully depleted three-gate silicon MESFET on SOI material. Journal of Computational Electronics, 2019, 18, 91.	2.5	2
26	Synthesis and characterization of PANI-Fe x -Al1Ââ^'Âx (xÂ=Â0.8, 0.6) nanocomposite thin films for identification of pathogenic Leptospira. Ionics, 2018, 24, 1515-1528.	2.4	2
27	Nanostructured TiO2 thin films for DSSCs prepared by sol gel technique. AIP Conference Proceedings, 2017, , .	0.4	1
28	Drain breakdown voltage model of fully-depleted SOI four-gate MOSFETs. , 2016, , .		1
29	Improved catalytic activity of Pt/rGO counter electrode in In2O3-based DSSC. Ionics, 2016, 22, 2487-2497.	2.4	8
30	Microwave dielectric properties of Mn x Zn(1â^'x)Fe2O4 ceramics and their compatibility with patch antenna. Journal of Sol-Gel Science and Technology, 2016, 77, 470-479.	2.4	6
31	Effect on structural, optical and dielectric properties of mixed (1Ââ^'Âx)ZnFe2O4â€“xSiO2 as microwave dielectric ceramic material. Journal of Sol-Gel Science and Technology, 2016, 77, 218-227.	2.4	5
32	Morphology, Structural and Electrical Properties of Agâ€“Cu Alloy Nanoparticles Embedded in PVA Matrix and Its Performance as E. coli Monitoring Sensor. Arabian Journal for Science and Engineering, 2015, 40, 915-922.	1.1	7
33	Characterization of TixZn(1-x)Al2O4 thin films by sol-gel method for GPS patch antennae. Journal of the Korean Physical Society, 2015, 66, 41-45.	0.7	8
34	Synthesis and fabrication of GPS patch antennas by using Zn(1Ââ^'Âx)Ti x Al2O4 thin films. Journal of Sol-Gel Science and Technology, 2015, 74, 566-574.	2.4	6
35	Synthesis and characterization of gahnite-based microwave dielectric ceramics (MDC) for microstrip antennas prepared by a solâ€“gel method. Journal of Sol-Gel Science and Technology, 2015, 74, 557-565.	2.4	9
36	Characterization and Dielectric Properties of Novel Dielectric Ceramics <scp>C</scp>a_x<scp>Z</scp>n_(1â^'x)<scp>A</scp>l₂O₄ for <scp>GPS</scp> Patch Antennas. International Journal of Applied Ceramic Technology, 2015, 12, E32.	1.4	8

#	Article	IF	Citations
37	Impact of Feedback Channel Delay over Joint User Scheduling Scheme and Separated Random User Scheduling Scheme in LTE-A System with Carrier Aggregation. Journal of Computer Networks and Communications, 2014, 2014, 1-7.	1.6	1
38	Transport Critical Current Density of (Bi1.6Pb0.4)Sr2Ca2Cu3O10Ceramic Superconductor with Different Nanosized Co3O4Addition. Advances in Condensed Matter Physics, 2014, 2014, 1-8.	1.1	8
39	PANI-Ag-Cu Nanocomposite Thin Films Based Impedimetric Microbial Sensor for Detection ofE. coliBacteria. Journal of Nanomaterials, 2014, 2014, 1-8.	2.7	13
40	Investigation of user scheduling schemes under different MIMO transmission modes for carrier aggregation in LTE-A. , 2014, , .		2
41	Miniaturization of GPS patch antennas based on novel dielectric ceramics Zn(1â^'x)MgxAl2O4 by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2014, 69, 429-440.	2.4	14
42	Synthesis and fabrication of (1Ââ^'Âx)ZnAl2O4â€“xSiO2 thin films to be applied as patch antennas. Journal of Sol-Gel Science and Technology, 2014, 69, 183-192.	2.4	12
43	Study of (1â^'x)ZnAl2O4â€“xSiO2 spinel structures as microwave dielectric materials. Journal of Sol-Gel Science and Technology, 2014, 71, 413-420.	2.4	3
44	GPS patch antenna performance by modification of Zn(1â^'x)CaxAl2O4-based microwave dielectric ceramics. Journal of Sol-Gel Science and Technology, 2014, 71, 477-489.	2.4	7
45	Enhancement of dye-sensitized solar cell efficiency using carbon nanotube/TiO2 nanocomposite thin films fabricated at various annealing temperatures. Electronic Materials Letters, 2014, 10, 611-619.	2.2	13
46	Structural and morphological studies of zinc oxide incorporating single-walled carbon nanotubes as a nanocomposite thin film. Journal of Materials Science: Materials in Electronics, 2013, 24, 3603-3610.	2.2	19
47	Development of lanthanum strontium cobalt ferrite composite cathodes for intermediate- to low-temperature solid oxide fuel cells. Journal of Zhejiang University: Science A, 2013, 14, 11-24.	2.4	29
48	Characterization of zinc oxide dye-sensitized solar cell incorporation with single-walled carbon nanotubes. Journal of Materials Research, 2013, 28, 1753-1760.	2.6	13
49	A new analytical model for lateral breakdown voltage of double-gate power MOSFETs. , 2011, , .		2
50	Solid waste monitoring system integration based on RFID, GPS and camera. , 2010, , .		27
51	Solid waste monitoring and management using RFID, GIS and GSM. , 2009, , .		44
52	The effect of surface texturing on GaAs solar cell using TCAD tools. , 2008, , .		5
53	Influence of Fe2O3 in ZnO/GO-based dye-sensitized solar cell. Polymer Bulletin, 0, , 1.	3.3	2