

Syed Khasim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8479054/publications.pdf>

Version: 2024-02-01

59
papers

1,519
citations

304368

22
h-index

329751

37
g-index

62
all docs

62
docs citations

62
times ranked

1461
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance Organic Coatings of Polypyrrole Embedded with Manganese Iron Oxide Nanoparticles for Corrosion Protection of Conductive Copper Surface. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 499-512.	1.9	16
2	Flexible, stretchable and electrically conductive PDMS decorated with polypyrrole/manganese-iron oxide nanocomposite as a multifunctional material for high performance EMI shielding applications. <i>Synthetic Metals</i> , 2022, 283, 116984.	2.1	32
3	Green Nanoarchitectonics of ZnO Nanoparticles from Clitoria Ternatea Flower Extract for In Vitro Anticancer and Antibacterial Activity: Inhibits MCF-7 Cell Proliferation via Intrinsic Apoptotic Pathway. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2146-2159.	1.9	9
4	Post treated PEDOT-PSS films with excellent conductivity and optical properties as multifunctional flexible electrodes for possible optoelectronic and energy storage applications. <i>Optical Materials</i> , 2022, 125, 112109.	1.7	25
5	Graphitic Carbon Nitride Decorated with Iron Oxide Nanoparticles as a Novel High-Performance Biomimetic Electrochemical Sensing Platform for Paracetamol Detection. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 3170-3180.	1.9	7
6	PVA Treated PEDOT-PSS: TiO ₂ Nanocomposite Based High-Performance Sensors Towards Detection of Relative Humidity and Soil Moisture Content for Agricultural Applications. <i>Journal of Polymers and the Environment</i> , 2021, 29, 612-623.	2.4	24
7	Enhanced Corrosion Protection of A-36 Steel Using Epoxy-Reinforced CSA-Doped Polyaniline-SnO ₂ Nanocomposite Smart Coatings. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	1.2	11
8	Design and development of highly sensitive PEDOT-PSS/AuNP hybrid nanocomposite-based sensor towards room temperature detection of greenhouse methane gas at ppb level. <i>RSC Advances</i> , 2021, 11, 15017-15029.	1.7	5
9	Development of high-performance flexible and stretchable sensor based on secondary doped PEDOT-PSS:TiO ₂ nanocomposite for room-temperature detection of nitric oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 7491-7508.	1.1	8
10	Accurate modeling and simulation of solar photovoltaic panels with simulink-MATLAB. <i>Journal of Computational Electronics</i> , 2021, 20, 974-983.	1.3	9
11	Fabrication and Testing Of PEDOT: PSS Wrapped WO ₂ /Au Ternary Nanocomposite Electrodes for High Performance Flexible Supercapacitor Applications. <i>Journal of the Electrochemical Society</i> , 2021, 168, 040526.	1.3	4
12	Fabrication and testing of low-cost and flexible smart sensors based on conductive PEDOT-PSS nanocomposite films for the detection of liquefied petroleum gas (LPG) at room temperature. <i>Materials Chemistry and Physics</i> , 2021, 263, 124414.	2.0	15
13	A smart grid incorporated with ML and IoT for a secure management system. <i>Microprocessors and Microsystems</i> , 2021, 83, 103954.	1.8	24
14	Anti-proliferative Activities of Thiophenes, Pyrans and Pyridines Derived from 1,3-Dicarbonyl Compounds. <i>ChemistrySelect</i> , 2021, 6, 12094-12100.	0.7	1
15	Enhanced Charge Transport and Corrosion Protection Properties of Polyaniline-Carbon Nanotube Composite Coatings on Mild Steel. <i>Journal of Electronic Materials</i> , 2020, 49, 341-352.	1.0	18
16	High performance flexible supercapacitors based on secondary doped PEDOT-PSS-graphene nanocomposite films for large area solid state devices. <i>RSC Advances</i> , 2020, 10, 10526-10539.	1.7	87
17	Synthesis, characterization and Hall-effect studies of highly conductive polyaniline/graphene nanocomposites. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	9
18	Improved luminescence and LPG sensing properties of Sm ³⁺ -doped lanthanum aluminate thin films. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1927-1939.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Effect of nitrogen doping on structural and optical properties of Mg _x Zn _{1-x} O ternary alloys. Optical Materials, 2019, 89, 554-558.	1.7	24
20	Fabrication of gas sensor device using poly (3, 4-ethylenedioxythiophene)-poly (styrenesulfonate)-doped reduced graphene oxide organic thin films for detection of ammonia gas at room temperature. Iranian Polymer Journal (English Edition), 2019, 28, 183-192.	1.3	42
21	Synthesis and characterization of urea-doped MgZnO nanoparticles for electronic applications. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	4
22	Polyaniline-Graphene nanoplatelet composite films with improved conductivity for high performance X-band microwave shielding applications. Results in Physics, 2019, 12, 1073-1081.	2.0	66
23	Highly conductive polyaniline/graphene nano-platelet composite sensor towards detection of toluene and benzene gases. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	36
24	Investigations on structural and electrical properties of polyaniline-cadmium sulfide nanocomposite films for solid state electronics. Polymer Composites, 2019, 40, E579.	2.3	4
25	Enhanced dielectric performance in PVDF/Al-Al ₂ O ₃ core-shell nanocomposites. Journal of Materials Science: Materials in Electronics, 2018, 29, 10593-10599.	1.1	11
26	Highly sensitive ethylene glycol-doped PEDOT-PSS organic thin films for LPG sensing. RSC Advances, 2018, 8, 18074-18083.	1.7	40
27	Effect of Secondary Doping Using Sorbitol on Structure and Transport Properties of PEDOT-PSS Thin Films. Journal of Electronic Materials, 2017, 46, 4439-4447.	1.0	20
28	Synthesis, characterization, dielectric and rectification properties of PANI/Nd ₂ O ₃ :Al ₂ O ₃ nanocomposites. Polymers for Advanced Technologies, 2016, 27, 1064-1071.	1.6	28
29	Conductivity and dielectric properties of PEDOT-PSS doped DMSO nano composite thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 8332-8339.	1.1	47
30	Micro-Raman spectroscopy and effective conductivity studies of graphene nanoplatelets/polyaniline composites. Journal of Materials Science: Materials in Electronics, 2016, 27, 6249-6257.	1.1	19
31	Synthesis, characterization, and dielectric studies of ortho-chloropolyaniline-graphite oxide composites. Journal of Materials Research, 2015, 30, 2310-2318.	1.2	8
32	Electrochemical cell parameters of poly(ethylene oxide)/(KClO ₃ +NaNO ₃) composites as polymer electrolyte in secondary solid-state batteries. Ionics, 2015, 21, 3193-3199.	1.2	2
33	Interaction Study of Lipopeptide Biosurfactant viscosin with DPPC and Cholesterol by Langmuir Monolayer Technique. Soft Materials, 2015, 13, 254-262.	0.8	3
34	Three Dimensional Spherically Evolved Nanostructures of ZnO Comprised of Nanowires and Nanorods for Optoelectronic Devices. Journal of Nanoelectronics and Optoelectronics, 2015, 10, 700-704.	0.1	2
35	X-band microwave absorption and dielectric properties of polyaniline-yttrium oxide composites. E-Polymers, 2014, 14, 209-216.	1.3	4
36	Analysis of DC and AC properties of a humidity sensor based on polyaniline-chromium oxide composites. Journal of Materials Science: Materials in Electronics, 2014, 25, 1237-1243.	1.1	31

#	ARTICLE	IF	CITATIONS
37	Fabrication and gas sensitivity in heterostructures of ortho-chloropolyaniline/ZnO nanocomposites. RSC Advances, 2014, 4, 39844-39852.	1.7	11
38	Ku-band EMI shielding effectiveness and dielectric properties of Polyaniline-Y2O3 composites. Polymer Science - Series A, 2014, 56, 366-372.	0.4	19
39	Polyaniline/antimony oxide composites for effective broadband EMI shielding. Iranian Polymer Journal (English Edition), 2013, 22, 473-480.	1.3	62
40	Humidity sensing property of polyaniline - chromium oxide nanocomposites. AIP Conference Proceedings, 2013, , .	0.3	8
41	Broadband electromagnetic shielding and dielectric properties of polyaniline-stannous oxide composites. Journal of Materials Science: Materials in Electronics, 2013, 24, 2202-2210.	1.1	70
42	Dielectric property of NiTiO3 doped substituted ortho-chloropolyaniline composites. AIP Advances, 2013, 3, .	0.6	18
43	Electromagnetic absorption and shielding behavior of polyaniline-antimony oxide composites. , 2013, , .		1
44	Electrical Conductivity, Dielectric Behavior and EMI Shielding Effectiveness of Polyaniline-Yttrium Oxide Composites. Bulletin of the Korean Chemical Society, 2013, 34, 99-106.	1.0	46
45	Synthesis, characterization and magnetic properties of polyaniline/Fe3O4 composites. Bulletin of Materials Science, 2011, 34, 1557-1561.	0.8	42
46	Transition Metal Complexes of 1, 4(2'-Hydroxyphenyl-1-yl) di-imino azine: Synthesis, Characterization and Antimicrobial Studies. E-Journal of Chemistry, 2008, 5, 395-403.	0.4	23
47	Synthetic, Spectral and Thermal Studies of Tin(IV) Complexes of 1, 5-Benzodiazepines. E-Journal of Chemistry, 2008, 5, 627-633.	0.4	3
48	Electrical Conductivity Studies on Co(II), Cu(II), Ni(II) and Cd(II) Complexes of Azines. E-Journal of Chemistry, 2008, 5, 797-801.	0.4	4
49	Spectrophotometric Study of Nitrogen Base Adducts of Nickel(II)-4-methyl-8-quinolate. E-Journal of Chemistry, 2008, 5, 404-408.	0.4	0
50	Preparation, Characterization and Low Frequency a.c. Conduction of Polypyrrole-Lead Titanate Composites. Bulletin of the Korean Chemical Society, 2007, 28, 1104-1108.	1.0	24
51	Electrical and humidity sensing properties of polyaniline/WO3 composites. Sensors and Actuators B: Chemical, 2006, 114, 599-603.	4.0	226
52	Synthesis, characterization and conductivity studies of polypyrrole-fly ash composites. Bulletin of Materials Science, 2005, 28, 565-569.	0.8	51
53	Synthesis, Characterization and Electrical Properties of Polyaniline/BaTiO3 Composites. Ferroelectrics, 2005, 325, 111-119.	0.3	15
54	Synthesis, characterization and low frequency a.c. conduction of polyaniline/fly ash composites. Bulletin of Materials Science, 2003, 26, 733-739.	0.8	80

#	ARTICLE	IF	CITATIONS
55	Polyaniline-Stannous Oxide Composites: Novel Material for Broadband EMI Shielding. Advanced Materials Research, 0, 488-489, 557-561.	0.3	14
56	Effect of Ag, Cu, and ZnO Nanoparticle Suspensions on the Antimicrobial Activity of Tribulus Terrestris Herbal Extracts. Journal of Nano Research, 0, 45, 95-109.	0.8	7
57	Detection of malware on the internet of things and its applications depends on long short-term memory network. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	12
58	Brain tumor identification and classification system using convolutional neural network. International Journal of Health Sciences, 0, , 7264-7275.	0.0	0
59	Smart X-Ray interpreter for predicting epoch of healthcare using machine learning. International Journal of Health Sciences, 0, , .	0.0	0