Javid Ali

List of Publications by Year in descending order

42 papers	338 citations	840776 11 h-index	996975 15 g-index
43 all docs	43 docs citations	43 times ranked	340 citing authors

#	Article	IF	Citations
1	Trace level toxic ammonia gas sensing of single-walled carbon nanotubes wrapped polyaniline nanofibers. Journal of Applied Physics, 2020, 127, .	2.5	23
2	Structural, electrical and magnetic properties of multiferroic BiFeO3â€“SrTiO3 composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 2110-2119.	2.2	22
3	Sodium Ion-Conducting Polyvinylpyrrolidone (PVP)/Polyvinyl Alcohol (PVA) Blend Electrolyte Films. Journal of Electronic Materials, 2021, 50, 403-418.	2.2	21
4	Field Emission Study of Carbon Nanotubes Forest and Array Grown on Si Using Fe as Catalyst Deposited by Electro-Chemical Method. Journal of Nanoscience and Nanotechnology, 2012, 12, 2829-2832.	0.9	18
5	Effect of oxygen plasma on field emission characteristics of single-wall carbon nanotubes grown by plasma enhanced chemical vapour deposition system. Journal of Applied Physics, 2014, 115, 084308.	2.5	18
6	Decoration of zinc oxide nanoparticles on vertically aligned single wall carbon nanotubes: An efficient field emitter. Materials Research Bulletin, 2016, 83, 12-18.	5.2	18
7	A comparative study of nitrogen plasma effect on field emission characteristics of single wall carbon nanotubes synthesized by plasma enhanced chemical vapor deposition. Applied Surface Science, 2014, 322, 236-241.	6.1	15
8	Synthesis of reduced graphene oxide and enhancement of its electrical and optical properties by attaching Ag nanoparticles. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 81, 320-325.	2.7	15
9	Effect of Mo Doping at the B Site on Structural and Electrical Properties of Multiferroic BiFeO 3. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1955-1959.	1.8	14
10	A single step in-situ process for improvement in electron emission properties of surface-modified carbon nanotubes (CNTs): Titanium dioxide nanoparticles attachment. Diamond and Related Materials, 2020, 110, 108139.	3.9	14
11	Field emission of MWCNTs/PANi nanocomposites prepared by exâ€šsitu and inâ€šsitu polymerization methods. Polymer Composites, 2013, 34, 1298-1305.	4.6	11
12	Structural, electrical and magnetic properties of multiferroic NdFeO3â€“SrTiO3 composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 18573-18580.	2.2	11
13	Characterization and Field Emission Studies of Uniformly Distributed Multi-Walled Carbon Nanotubes (MWCNTs) Film Grown by Low-pressure Chemical Vapour Deposition (LPCVD). Current Nanoscience, 2011, 7, 333-336.	1.2	10
14	Structural, electrical and magnetic study of multiferroic Bi1â€‰â^'â€‰xNdxFeO3. Journal of Materials Science: Materials in Electronics, 2018, 29, 5110-5115.	2.2	10
15	Estimation of Effective Emitting Area of Carbon Nanotubes Based Field Emitters. Nanoscience and Nanotechnology Letters, 2011, 3, 794-797.	0.4	9
16	Studies on flexible and highly stretchable sodium ion conducting blend polymer electrolytes with enhanced structural, thermal, optical, and electrochemical properties. Journal of Materials Science: Materials in Electronics, 2021, 32, 19390-19411.	2.2	9
17	Effect of Catalyst-Deposition Methods on the Alignment of Carbon Nanotubes Grown by Low Pressure Chemical Vapor Deposition. Nanoscience and Nanotechnology Letters, 2011, 3, 175-178.	0.4	9
18	Improved field emission properties of carbon nanotubes by dual layer deposition. Journal of Experimental Nanoscience, 2015, 10, 499-510.	2.4	8

#	Article	IF	Citations
19	Enhancement of Electron Emission Properties of Carbon Nanotubes by the Decoration with Low Work Function Metal Oxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2020, 20, 6463-6468.	0.9	8
20	Dielectric properties and ac conductivity behavior of rGO incorporated PVP-PVA blended polymer nanocomposites films. Materials Today: Proceedings, 2022, 49, 3164-3169.	1.8	8
21	High performance of the sodiumâ€ion conducting flexible polymer blend composite electrolytes for electrochemical doubleâ€layer supercapacitor applications. Energy Storage, 2022, 4, .	4.3	8
22	Enhancement of Field Emission Properties of Carbon Nanotubes by ECR-Plasma Treatment. Journal of Nanoscience, 2014, 2014, 1-5.	2.6	5
23	Enhanced Field Emission Properties of Carbon Nanotube Based Field Emitters by Dynamic Oxidation. Current Nanoscience, 2013, 9, 619-623.	1.2	5
24	Time-dependent resonating plasma treatment of carbon nanotubes for enhancing the electron field emission properties. Journal of Materials Science: Materials in Electronics, 2022, 33, 1211-1227.	2.2	5
25	Synergistic effect of Field Emission properties on Growth of CNTs by One-pot preparation of various Concentrations Composite Catalyst. Nano, 0, , .	1.0	5
26	Enhancement of gas sensor response characteristics of functionalized SWCNTs. AIP Conference Proceedings, 2020, , .	0.4	4
27	Iron oxide-coated MWCNTs nanohybrid field emitters: a potential cold cathode for next-generation electron sources. Journal of Materials Science: Materials in Electronics, 2020, 31, 17482-17490.	2.2	4
28	Study of J-E Curve with Hysteresis of Carbon Nanotubes Field Emitters. ISRN Nanomaterials, 2012, 2012, 1-5.	0.7	4
29	Study the electron field emission properties of plasma-based reduction of graphene oxide (GO): An ex-situ plasma approach. Carbon Trends, 2021, 5, 100127.	3.0	4
30	Preparation and study of (1Ââ^'Âx)CuFe2O4â€“xBaTiO3 (xÂ=Â0, 0.1 and 1) composite multiferroics. Indian Journal of Physics, 2018, 92, 835-840.	1.8	3
31	Influence of pH and Fe doping on structural and physical properties of Mg0.95Mn0.05-Fe O (x = 0, 0.04) nanoparticles. Journal of Physics and Chemistry of Solids, 2019, 133, 197-202.	4.0	3
32	Investigations on Structural, Optical Properties, Electrical Properties and Electrochemical Stability Window of the Reduced Graphene Oxides Incorporated Blend Polymer Nanocomposite Films. Journal of Nanoscience and Nanotechnology, 2021, 21, 3203-3217.	0.9	3
33	Study the electron field emission properties of silver nanoparticles decorated carbon nanotubes-based cold-cathode field emitters via post-plasma treatment. Journal of Materials Science: Materials in Electronics, 2022, 33, 7191-7211.	2.2	3
34	Facile synthesis of highly flexible sodium ion conducting polyvinyl alcohol (PVA)-polyethylene glycol (PEG) blend incorporating reduced graphene-oxide (rGO) composites for electrochemical devices application. Journal of Polymer Research, 2022, 29, 1.	2.4	3
35	Single-walled carbon nanotubesâ€“polyaniline composites: Synthesis and field-emission analysis. Journal of Composite Materials, 2020, 54, 1079-1091.	2.4	2
36	Surface modification via silver nanoparticles attachment: An ex-situ approach for enhancing the electron field emission properties of CNT field emitters. Materials Today: Proceedings, 2021, 47, 1542-1549.	1.8	2

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37	Investigation of Magnesium Ion and Cellulose Acetate-Based Conducting Biopolymers: Electrical and Ion Transport Properties. Springer Proceedings in Materials, 2022, , 17-26.	0.3	2
38	Raman Characteristics of Vertically Aligned Single Wall Carbon Nanotubes Grown by Plasma Enhanced Chemical Vapor Deposition System. Environmental Science and Engineering, 2014, , 563-564.	0.2	1
39	Synthesis of Graphene by Low Pressure Chemical Vapor Deposition (LPCVD) Method. Springer Proceedings in Physics, 2017, , 119-123.	0.2	1
40	Synthesis of heterojunction layers of graphene/MoS2 and its characterization. AIP Conference Proceedings, 2018, , .	0.4	0
41	Effect of growth temperature on number of layers and electrical properties of graphene grown on copper film using LPCVD method. AIP Conference Proceedings, 2019, , .	0.4	0
42	Synthesis and Characterization of Multi-Layer Graphene Using Low Pressure Chemical Vapor Deposition Method. Advanced Science Letters, 2015, 21, 2940-2942.	0.2	0