

Alok Kumar Srivastava

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dye-sensitized solar cells as promising candidates for underwater photovoltaic applications. Progress in Photovoltaics: Research and Applications, 2022, 30, 632-639.	8.1	10
2	Investigation of the structure-property relationship in binder free asymmetric supercapacitor device based on NiCo ₂ O ₄ .nH ₂ O nanostructures. Journal of Electroanalytical Chemistry, 2021, 880, 114850.	3.8	12
3	“Nano-on-Micro” approach enables synthesis of ZnO nano-cactus for gas sensing applications. Sensors International, 2021, 2, 100084.	8.4	9
4	Underwater Characterization and Monitoring of Amorphous and Monocrystalline Solar Cells in Diverse Water Settings. IEEE Sensors Journal, 2020, 20, 2730-2737.	4.7	18
5	Performance Analysis of Submerged Polycrystalline Photovoltaic Cell in Varying Water Conditions. IEEE Journal of Photovoltaics, 2020, 10, 531-538.	2.5	17
6	Analysis of submerged amorphous, mono-and poly-crystalline silicon solar cells using halogen lamp and comparison with xenon solar simulator. Solar Energy, 2020, 211, 744-752.	6.1	14
7	Binder free high performance hybrid supercapacitor device based on nickel ferrite nanoparticles. Journal of Energy Storage, 2020, 31, 101677.	8.1	39
8	110th Anniversary: Particle Size Effect on Enhanced Graphitization and Electrical Conductivity of Suspended Gold/Carbon Composite Nanofibers. Industrial & Engineering Chemistry Research, 2020, 59, 1944-1952.	3.7	8
9	Nanofiber Based Sensors for Water Pollution Monitoring. Advanced Functional Materials and Sensors, 2020, , 299-319.	1.2	1
10	Hierarchical Laser-Patterned Silver/Graphene Oxide Hybrid SERS Sensor for Explosive Detection. ACS Omega, 2019, 4, 17691-17701.	3.5	32
11	Silver nanoparticles decorated reduced graphene oxide (rGO) SERS sensor for multiple analytes. Applied Surface Science, 2019, 478, 887-895.	6.1	71
12	Impact of process conditions on the electrochemical performances of NiMoO ₄ nanorods and activated carbon based asymmetric supercapacitor. Applied Surface Science, 2019, 473, 807-819.	6.1	78
13	Synthesis of Silver Nanostructures and their Application in Highly Sensitive SERS Sensors. Defence Science Journal, 2017, 68, 98.	0.8	5
14	Facile reduction of para-nitrophenols: catalytic efficiency of silver nanoferns in batch and continuous flow reactors. RSC Advances, 2016, 6, 113981-113990.	3.6	17
15	Long term biopotential recording by body conformable photolithography fabricated low cost polymeric microneedle arrays. Sensors and Actuators A: Physical, 2015, 236, 164-172.	4.1	40
16	Domain growth of carbon nanotubes assisted by dewetting of thin catalyst precursor films. Applied Surface Science, 2014, 288, 215-221.	6.1	5
17	Nano-on-micro approach for fabricating ternary metal oxy-hydroxide-based flexible supercapacitors. Journal of Industrial Textiles, 0, , 152808372110523.	2.4	0