

Sunil Pandey

List of Publications by Year in descending order

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34
papers

1,162
citations

361413

20
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1918
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing Tb ⁴⁺ in (Ce _{0.09} /Eu _{0.96})Tb _{0.92} Mo _{1.10} Fe _{0.93} Metal Oxide at Room Temperature and Its Use in Amyloid Defibrillation. ACS Applied Materials & Interfaces, 2021, 13, 18184-18193.	8.0	2
2	Solvent-Free Low-Temperature Annealing Method for Aqueous Stable Perovskite Nanofibers and Its Role in Peroxide Catalysis. ACS Sustainable Chemistry and Engineering, 2021, 9, 7678-7686.	6.7	1
3	Electrocatalytic synthesis of black tin oxide nanomaterial as photothermal agent for cancer therapy. Materials Science and Engineering C, 2020, 108, 110350.	7.3	7
4	Ce _{1.0} Mo _{0.15} Eu _{0.05} O _x Aqueous Perovskites for Stable Near-Infrared Emission and Their Sensitivity toward Hydrogen Peroxide. ACS Sustainable Chemistry and Engineering, 2020, 8, 3126-3134.	6.7	2
5	Direct White Light Emission from Ultrasmall Europium Nanocrystals. ACS Sustainable Chemistry and Engineering, 2020, 8, 9955-9961.	6.7	14
6	Two-Dimensional Atomically Thin Tin-Based Fluorescent Oxide Synthesized at Ambient Temperature and Its Biomedical Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 7479-7485.	6.7	10
7	Synthesis of fluorescent molybdenum nanoclusters at ambient temperature and their application in biological imaging. Materials Science and Engineering C, 2019, 99, 1-11.	7.3	20
8	Cysteine capped copper/molybdenum bimetallic nanoclusters for fluorometric determination of methotrexate via the inner filter effect. Mikrochimica Acta, 2019, 186, 130.	5.0	19
9	Comparative Photothermal Performance among Various Substoichiometric 2D Oxygen-Deficient Molybdenum Oxide Nanoflakes and In Vivo Toxicity. Chemistry - A European Journal, 2018, 24, 7417-7427.	3.3	23
10	Two dimensional λ -MoO _{3-x} nanoflakes as bare eye probe for hydrogen peroxide in biological fluids. Analytica Chimica Acta, 2018, 1015, 58-65.	5.4	27
11	Glucose oxidase assisted visual detection of glucose using oxygen deficient λ -MoO _{3-x} nanoflakes. Mikrochimica Acta, 2018, 185, 65.	5.0	21
12	Aggregation of cysteamine-capped gold nanoparticles in presence of ATP as an analytical tool for rapid detection of creatine kinase (CK-MM). Analytica Chimica Acta, 2018, 1024, 161-168.	5.4	22
13	Shape-oriented photodynamic therapy of cuprous oxide (Cu ₂ O) nanocrystals for cancer treatment. RSC Advances, 2017, 7, 23607-23614.	3.6	20
14	Theranostic carbon dots "clathrate-like" nanostructures for targeted photo-chemotherapy and bioimaging of cancer. Journal of Industrial and Engineering Chemistry, 2017, 56, 62-73.	5.8	21
15	Graphene oxide@gold nanorods for chemo-photothermal treatment and controlled release of doxorubicin in mice Tumor. Colloids and Surfaces B: Biointerfaces, 2017, 160, 543-552.	5.0	32
16	Folic Acid navigated Silver Selenide nanoparticles for photo-thermal ablation of cancer cells. Colloids and Surfaces B: Biointerfaces, 2017, 159, 564-570.	5.0	20
17	Tellurium platinate nanowires for photothermal therapy of cancer cells. Journal of Materials Chemistry B, 2016, 4, 3713-3720.	5.8	22
18	Milk-derived multi-fluorescent graphene quantum dot-based cancer theranostic system. Materials Science and Engineering C, 2016, 67, 468-477.	7.3	125

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19	Synthesis of mesoporous titanium oxide for release control and high efficiency drug delivery of vinorelbine bitartrate. RSC Advances, 2016, 6, 13145-13151.	3.6	12
20	Antibacterial effect of calcium oxide nano-plates fabricated from shrimp shells. Green Chemistry, 2015, 17, 3276-3280.	9.0	46
21	Laser-assisted synthesis of multi-colored protein dots and their biological distribution in experimental mice using a dye tracking method. RSC Advances, 2015, 5, 4051-4057.	3.6	2
22	Synthesis of fluorescent carbon dots via microwave carbonization of citric acid in presence of tetraoctylammonium ion, and their application to cellular bioimaging. Mikrochimica Acta, 2015, 182, 2173-2181.	5.0	89
23	Controlled delivery of dopamine hydrochloride using surface modified carbon dots for neuro diseases. Colloids and Surfaces B: Biointerfaces, 2015, 134, 140-146.	5.0	48
24	Biogenic Synthesis of Fluorescent Carbon Dots at Ambient Temperature Using Azadirachta indica (Neem) gum. Journal of Fluorescence, 2015, 25, 1103-1107.	2.5	41
25	Fluorophotometric determination of critical micelle concentration (CMC) of ionic and non-ionic surfactants with carbon dots via Stokes shift. Talanta, 2015, 132, 572-578.	5.5	58
26	Synthesis of highly fluorescent hydrophobic carbon dots by hot injection method using Paraplast as precursor. Materials Science and Engineering C, 2015, 48, 700-703.	7.3	48
27	Facile Route to Generate Fuel Oil via Catalytic Pyrolysis of Waste Polypropylene Bags: Towards Waste Management of $\frac{1}{4}$. Journal of Fuels, 2014, 2014, 1-10.	0.2	7
28	Antibiotic Conjugated Fluorescent Carbon Dots as a Theranostic Agent for Controlled Drug Release, Bioimaging, and Enhanced Antimicrobial Activity. Journal of Drug Delivery, 2014, 2014, 1-9.	2.5	144
29	Carbon dots as nanoantennas for anti-inflammatory drug analysis using surface-assisted laser desorption/ionization time-of-flight mass spectrometry in serum. RSC Advances, 2014, 4, 38027-38033.	3.6	30
30	Understanding the stability of silver nanoparticles bio-fabricated using Acacia arabica (Babool gum) and its hostile effect on microorganisms. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 109, 344-347.	3.9	27
31	Carbon dots functionalized gold nanorod mediated delivery of doxorubicin: tri-functional nano-worms for drug delivery, photothermal therapy and bioimaging. Journal of Materials Chemistry B, 2013, 1, 4972.	5.8	132
32	Cysteamine hydrochloride protected carbon dots as a vehicle for the efficient release of the anti-schizophrenic drug haloperidol. RSC Advances, 2013, 3, 26290.	3.6	43
33	Rapid Biosynthesis of Silver Nanoparticles by Exploiting the Reducing Potential of Trapa bispinosa Peel Extract. Journal of Nanoscience, 2013, 2013, 1-9.	2.6	17
34	A Novel Report on Assessing pH Dependent Role of Nitrate Reductase on Green Biofabrication of Gold Nanoplates and Nanocubes. Journal of Bionanoscience, 2013, 7, 174-180.	0.4	10