Ashmi Mewada

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8205452/publications.pdf

Version: 2024-02-01

28	1,408	430874	526287
papers	citations	18 h-index	27 g-index

30	30	30	2110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green synthesis of biocompatible carbon dots using aqueous extract of Trapa bispinosa peel. Materials Science and Engineering C, 2013, 33, 2914-2917.	7.3	262
2	Swarming carbon dots for folic acid mediated delivery of doxorubicin and biological imaging. Journal of Materials Chemistry B, 2014, 2, 698-705.	5.8	191
3	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
4	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
5	Milk-derived multi-fluorescent graphene quantum dot-based cancer theranostic system. Materials Science and Engineering C, 2016, 67, 468-477.	7.3	125
6	Camphor-mediated synthesis of carbon nanoparticles, graphitic shell encapsulated carbon nanocubes and carbon dots for bioimaging. Scientific Reports, 2016, 6, 21286.	3.3	56
7	Folic acid mediated synaphic delivery of doxorubicin using biogenic gold nanoparticles anchored to biological linkers. Journal of Materials Chemistry B, 2013, 1, 1361.	5.8	48
8	Synthesis of mesoporous silica oxide/C-dot complex (meso-SiO₂/C-dots) using pyrolysed rice husk and its application in bioimaging. RSC Advances, 2014, 4, 1174-1179.	3.6	48
9	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
10	Biogenic gold nanoparticles as fotillas to fire berberine hydrochloride using folic acid as molecular road map. Materials Science and Engineering C, 2013, 33, 3716-3722.	7.3	41
11	Biogenic Synthesis of Fluorescent Carbon Dots at Ambient Temperature Using Azadirachta indica (Neem) gum. Journal of Fluorescence, 2015, 25, 1103-1107.	2.5	41
12	Plant-based metal and metal alloy nanoparticle synthesis: a comprehensive mechanistic approach. Journal of Materials Science, 2020, 55, 1309-1330.	3.7	41
13	Synthesis and Centrifugal Separation of Fluorescent Carbon Dots at Room Temperature. Nanoscience and Nanotechnology Letters, 2013, 5, 775-779.	0.4	38
14	A Green Route Towards Highly Photoluminescent and Cytocompatible Carbon dot Synthesis and its Separation Using Sucrose Density Gradient Centrifugation. Journal of Fluorescence, 2015, 25, 9-14.	2.5	37
15	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
16	Photocatalysis-assisted water filtration: Using TiO2-coated vertically aligned multi-walled carbon nanotube array for removal of Escherichia coli O157:H7. Materials Science and Engineering C, 2013, 33, 4392-4400.	7.3	21
17	Biogenic gold nano-triangles: Cargos for anticancer drug delivery. Materials Science and Engineering C, 2014, 44, 92-98.	7.3	21
18	Gold nanorods mediated controlled release of doxorubicin: nano-needles for efficient drug delivery. Journal of Materials Science: Materials in Medicine, 2013, 24, 1671-1681.	3.6	18

#	Article	IF	Citations
19	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
20	A comparative study of economical separation and aggregation properties of biologically capped and thiol functionalized gold nanoparticles: Selecting the eco-friendly trojan horses for biological applications. Colloids and Surfaces B: Biointerfaces, 2013, 109, 25-31.	5.0	12
21	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
22	Facile Route to Generate Fuel Oil via Catalytic Pyrolysis of Waste Polypropylene Bags: Towards Waste Management of >20â€‰<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi mathvariant="bold-italic">Î¼</mml:mi><mml:mi mathvariant="bold-italic">m</mml:mi></mml:math> Plastic Bags. Journal of Fuels, 2014, 2014, 1-10.	0.2	7
23	Conversion of polypropylene to twoâ€dimensional graphene, oneâ€dimensional carbon nano tubes and zeroâ€dimensional Câ€dots, all exhibiting typical sp 2 â€hexagonal carbon rings. IET Circuits, Devices and Systems, 2015, 9, 59-66.	1.4	7
24	Carbon-dot doped, transfer-free, low-temperature, high mobility graphene using microwave plasma CVD. RSC Advances, 2022, 12, 20610-20617.	3.6	7
25	Non-blinking dendritic crystals from C-dot solution. Carbon Letters, 2015, 16, 211-214.	5.9	6
26	A Novel One Pot Synthesis of Super Stable Silver Nanoparticles Using Natural Plant Exudate from Azadirachta indica (Neem Gum) and Their Inimical Effect on Pathogenic Microorganisms. Journal of Bionanoscience, 2013, 7, 296-299.	0.4	5
27	Synthesis of Supra-Stable Gold Nanoparticles and Size Dependent Separation Using Azadirachta indica Gum: A Green Alternative to Density Gradient Centrifugation. Journal of Bionanoscience, 2013, 7, 426-431.	0.4	1
28	Using Natural Plant Exudate to Separate Gold Nanoparticles Using Density Gradient Centrifugation. Journal of Bionanoscience, 2013, 7, 469-471.	0.4	0