

Madhuri Sharon

List of Publications by Year in descending order

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35
papers

1,725
citations

430442

18
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

2619
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of biocompatible carbon dots using aqueous extract of <i>Trapa bispinosa</i> peel. <i>Materials Science and Engineering C</i> , 2013, 33, 2914-2917.	3.8	262
2	Transparent Conducting Oxide Films for Various Applications: A Review. <i>Reviews on Advanced Materials Science</i> , 2018, 53, 79-89.	1.4	199
3	Swarming carbon dots for folic acid mediated delivery of doxorubicin and biological imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 698-705.	2.9	191
4	Antibiotic Conjugated Fluorescent Carbon Dots as a Theranostic Agent for Controlled Drug Release, Bioimaging, and Enhanced Antimicrobial Activity. <i>Journal of Drug Delivery</i> , 2014, 2014, 1-9.	2.5	144
5	Carbon dots functionalized gold nanorod mediated delivery of doxorubicin: tri-functional nano-worms for drug delivery, photothermal therapy and bioimaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4972.	2.9	132
6	Milk-derived multi-fluorescent graphene quantum dot-based cancer theranostic system. <i>Materials Science and Engineering C</i> , 2016, 67, 468-477.	3.8	125
7	Pyrolysis of waste polypropylene for the synthesis of carbon nanotubes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 94, 91-98.	2.6	118
8	Camphor-mediated synthesis of carbon nanoparticles, graphitic shell encapsulated carbon nanocubes and carbon dots for bioimaging. <i>Scientific Reports</i> , 2016, 6, 21286.	1.6	56
9	Folic acid mediated synaphic delivery of doxorubicin using biogenic gold nanoparticles anchored to biological linkers. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1361.	2.9	48
10	Synthesis of mesoporous silica oxide/C-dot complex (meso-SiO ₂ /C-dots) using pyrolysed rice husk and its application in bioimaging. <i>RSC Advances</i> , 2014, 4, 1174-1179.	1.7	48
11	Hydrogen storage by carbon materials synthesized from oil seeds and fibrous plant materials. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 4238-4249.	3.8	43
12	Cysteamine hydrochloride protected carbon dots as a vehicle for the efficient release of the anti-schizophrenic drug haloperidol. <i>RSC Advances</i> , 2013, 3, 26290.	1.7	43
13	Biogenic gold nanoparticles as fotillas to fire berberine hydrochloride using folic acid as molecular road map. <i>Materials Science and Engineering C</i> , 2013, 33, 3716-3722.	3.8	41
14	Biogenic Synthesis of Fluorescent Carbon Dots at Ambient Temperature Using <i>Azadirachta indica</i> (Neem) gum. <i>Journal of Fluorescence</i> , 2015, 25, 1103-1107.	1.3	41
15	Synthesis and Centrifugal Separation of Fluorescent Carbon Dots at Room Temperature. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 775-779.	0.4	38
16	Encapsulation of Berberine in Nano-Sized PLGA Synthesized by Emulsification Method. <i>ISRN Nanotechnology</i> , 2012, 2012, 1-9.	1.3	25
17	Photocatalysis-assisted water filtration: Using TiO ₂ -coated vertically aligned multi-walled carbon nanotube array for removal of <i>Escherichia coli</i> O157:H7. <i>Materials Science and Engineering C</i> , 2013, 33, 4392-4400.	3.8	21
18	Biogenic gold nano-triangles: Cargos for anticancer drug delivery. <i>Materials Science and Engineering C</i> , 2014, 44, 92-98.	3.8	21

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19	Gold nanorods mediated controlled release of doxorubicin: nano-needles for efficient drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1671-1681.	1.7	18
20	Taguchi method optimization of wax production from pyrolysis of waste polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 885-892.	2.0	13
21	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. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 25-31.	2.5	12
22	Hydrogen Storage by Carbon Fibers Synthesized by Pyrolysis of Cotton Fibers. <i>Carbon Letters</i> , 2011, 12, 39-43.	3.3	11
23	Study of Hydrogen Adsorption by Spiral Carbon Nano Fibers Synthesized From Acetylene. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2006, 36, 37-42.	0.6	10
24	A Novel Report on Assessing pH Dependent Role of Nitrate Reductase on Green Biofabrication of Gold Nanoplates and Nanocubes. <i>Journal of Bionanoscience</i> , 2013, 7, 174-180.	0.4	10
25	Development of Supercapacitors Using Porous Carbon Materials Synthesized from Plant Derived Precursors. <i>Carbon Letters</i> , 2008, 9, 188-194.	3.3	10
26	Facile Route to Generate Fuel Oil via Catalytic Pyrolysis of Waste Polypropylene Bags: Towards Waste Management of $\frac{1}{4}$ Plastic Bags. <i>Journal of Fuels</i> , 2014, 2014, 1-10.	0.2	7
27	Conversion of polypropylene to two-dimensional graphene, one-dimensional carbon nano tubes and zero-dimensional C_60 , all exhibiting typical sp^2 hexagonal carbon rings. <i>IET Circuits, Devices and Systems</i> , 2015, 9, 59-66.	0.9	7
28	Surface Orchestration of Gold Nanoparticles Using Cysteamine as Linker and Folate as Navigating Molecule for Synaptic Delivery of Doxorubicin. <i>Journal of Nanomedicine Research</i> , 2014, 1, .	1.8	7
29	Electromagnetic Wave-Absorbing Properties of Pongamia Glabra Based-CNMs in the 8-12 GHz Range. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2007, 37, 477-479.	0.6	6
30	Effect of Inherent Anatomy of Plant Fibers on the Morphology of Carbon Synthesized from Them and Their Hydrogen Absorption Capacity. <i>Carbon Letters</i> , 2012, 13, 161-166.	3.3	5
31	Hydrogen storage by carbon fibers from cotton. <i>QScience Connect</i> , 2013, , 45.	0.2	3
32	Synthesis and Study of Electrical Properties of SbTeI. <i>Advances in Physical Chemistry</i> , 2014, 2014, 1-6.	2.0	3
33	A study of the electrical properties of SbSI synthesized using CVD techniques. <i>QScience Connect</i> , 2013, , 40.	0.2	2
34	Carbon Nanobeads from Brassica Nigra Oil: Synthesis and Characterization. <i>Advanced Science Letters</i> , 2009, 2, 388-390.	0.2	2
35	INVESTIGATION OF MICROWAVE ABSORPTION PROPERTY IN CARBON NANOFIBER FILM SYNTHESIZED FROM LINUM USITATISSIMUM OIL. <i>International Journal of Nanoscience</i> , 2010, 09, 407-411.	0.4	1