

# Ashmi Mewada

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,408  
citations

489802

18  
h-index

591227

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2428  
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	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
3	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
4	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
5	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
6	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
7	Folic acid mediated synaptic delivery of doxorubicin using biogenic gold nanoparticles anchored to biological linkers. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1361.	2.9	48
8	Synthesis of mesoporous silica oxide/C-dot complex (meso-SiO <sub>2</sub> /C-dots) using pyrolysed rice husk and its application in bioimaging. <i>RSC Advances</i> , 2014, 4, 1174-1179.	1.7	48
9	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
10	Biogenic gold nanoparticles as fortillas 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
11	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
12	Plant-based metal and metal alloy nanoparticle synthesis: a comprehensive mechanistic approach. <i>Journal of Materials Science</i> , 2020, 55, 1309-1330.	1.7	41
13	Synthesis and Centrifugal Separation of Fluorescent Carbon Dots at Room Temperature. <i>Nanoscience and Nanotechnology Letters</i> , 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. <i>Journal of Fluorescence</i> , 2015, 25, 9-14.	1.3	37
15	Understanding the stability of silver nanoparticles bio-fabricated using <i>Acacia arabica</i> (Babool gum) and its hostile effect on microorganisms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 109, 344-347.	2.0	27
16	Photocatalysis-assisted water filtration: Using TiO <sub>2</sub> -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
17	Biogenic gold nano-triangles: Cargos for anticancer drug delivery. <i>Materials Science and Engineering C</i> , 2014, 44, 92-98.	3.8	21
18	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

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19	Rapid Biosynthesis of Silver Nanoparticles by Exploiting the Reducing Potential of <i>Trapa bispinosa</i> Peel Extract. <i>Journal of Nanoscience</i> , 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. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 25-31.	2.5	12
21	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
22	Facile Route to Generate Fuel Oil via Catalytic Pyrolysis of Waste Polypropylene Bags: Towards Waste Management of &gt;20% Plastic Bags. <i>Journal of Fuels</i> , 2014, 2014, 1-10.	0.2	7
23	Conversion of polypropylene to two-dimensional graphene, one-dimensional carbon nano tubes and zero-dimensional C-dots, all exhibiting typical sp <sup>2</sup> hexagonal carbon rings. <i>IET Circuits, Devices and Systems</i> , 2015, 9, 59-66.	0.9	7
24	Carbon-dot doped, transfer-free, low-temperature, high mobility graphene using microwave plasma CVD. <i>RSC Advances</i> , 2022, 12, 20610-20617.	1.7	7
25	Non-blinking dendritic crystals from C-dot solution. <i>Carbon Letters</i> , 2015, 16, 211-214.	3.3	6
26	A Novel One Pot Synthesis of Super Stable Silver Nanoparticles Using Natural Plant Exudate from <i>Azadirachta indica</i> (Neem Gum) and Their Inimical Effect on Pathogenic Microorganisms. <i>Journal of Bionanoscience</i> , 2013, 7, 296-299.	0.4	5
27	Synthesis of Supra-Stable Gold Nanoparticles and Size Dependent Separation Using <i>Azadirachta indica</i> Gum: A Green Alternative to Density Gradient Centrifugation. <i>Journal of Bionanoscience</i> , 2013, 7, 426-431.	0.4	1
28	Using Natural Plant Exudate to Separate Gold Nanoparticles Using Density Gradient Centrifugation. <i>Journal of Bionanoscience</i> , 2013, 7, 469-471.	0.4	0