

Abirami Natarajan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

423
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of Copper oxide nanoparticles decorated with graphene oxide for anticancer activity and catalytic applications. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6802-6814.	4.9	123
2	Molecular docking studies of (4Z, 12Z)-cyclopentadeca-4, 12-dienone from <i>Grewia hirsuta</i> with some targets related to type 2 diabetes. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 73.	3.7	37
3	Green Synthesis of Self-Passivated Fluorescent Carbon Dots Derived from Rice Bran for Degradation of Methylene Blue and Fluorescent Ink Applications. <i>Journal of Fluorescence</i> , 2021, 31, 427-436.	2.5	32
4	Green Sources Derived Carbon Dots for Multifaceted Applications. <i>Journal of Fluorescence</i> , 2021, 31, 915-932.	2.5	31
5	Construction of SnO ₂ /g-C ₃ N ₄ an effective nanocomposite for photocatalytic degradation of amoxicillin and pharmaceutical effluent. <i>Environmental Research</i> , 2022, 209, 112809.	7.5	30
6	Highly Efficient Sulfur and Nitrogen Codoped Graphene Quantum Dots as a Metal-Free Green Photocatalyst for Photocatalysis and Fluorescent Ink Applications. <i>ACS Omega</i> , 2022, 7, 12825-12834.	3.5	30
7	Sunlight-assisted degradation of textile pollutants and phytotoxicity evaluation using mesoporous ZnO/g-C ₃ N ₄ catalyst. <i>RSC Advances</i> , 2021, 11, 26800-26812.	3.6	26
8	Novel Metal-Free Fluorescent Sensor Based on Molecularly Imprinted Polymer N-CDs@MIP for Highly Selective Detection of TNP. <i>ACS Omega</i> , 2022, 7, 1368-1379.	3.5	23
9	Ceria nanoparticles anchored on graphitic oxide sheets (CeO ₂ -GOS) as an efficient catalyst for degradation of dyes and textile effluents. <i>Environmental Research</i> , 2022, 209, 112750.	7.5	22
10	Cyan color-emitting nitrogen-functionalized carbon nanodots (NFCNDs) from <i>Indigofera tinctoria</i> and their catalytic reduction of organic dyes and fluorescent ink applications. <i>RSC Advances</i> , 2021, 11, 27745-27756.	3.6	19
11	Exploration of ZnO decorated g-C ₃ N ₄ amphiphilic anticancer drugs for antiproliferative activity against human cervical cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103126.	3.0	13
12	Boron doped fluorescent carbon nano dots for the reduction of ionic dyes and as encryption/decryption QR security code labels. <i>New Journal of Chemistry</i> , 2022, 46, 7464-7476.	2.8	12
13	2D graphene supported nickel oxide nano-composite for fiber optic ethanol gas sensing, removal of azo dye, and biological activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 9498-9511.	2.2	10
14	A Facile Synthesis of a Fusiform-Shaped Three-Dimensional Co/Mn@CNDs-MOF Nanocomposite as an Efficient Electrocatalyst for Oxygen Evolution Reaction in Alkaline Medium. <i>Energy & Fuels</i> , 2022, 36, 6409-6419.	5.1	10
15	Synthesis and characterization of Cu ²⁺ -doped Cs ₂ KBiBr ₆ double perovskite phosphors for photoluminescent applications. <i>Ceramics International</i> , 2022, 48, 18384-18391.	4.8	5