

Venkataraman Abbaraju

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

408
citations

949033

11
h-index

889612

19
g-index

21
all docs

21
docs citations

21
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and fluorescence sensing of energetic materials using benzenesulfonic acid-doped polyaniline. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8551-8565.	1.1	7
2	Turn-Off Fluorescent Sensing of Energetic Materials using Protonic Acid doped Polyaniline: A Spectrochemical Mechanistic Approach. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 331-340.	0.6	11
3	Understanding of mechanistic perspective in sensing of energetic nitro compounds through spectroscopic and electrochemical studies. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50776.	1.3	8
4	Detection of energetic materials via polyaniline and its different modified forms. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4663-4677.	1.6	7
5	Pharmacokinetics of Bio-shell-silver-core Nanoparticles (AgNP) in Sprague-Dawley Rats - In Vivo Study. <i>Pharmaceutical Nanotechnology</i> , 2021, 9, 191-199.	0.6	1
6	The Role Of Polyvinylpyrrolidone as a Potential Fluorophore for the Detection Of Nitroaromatic Explosives.. <i>Current Chinese Chemistry</i> , 2021, 01, .	0.3	1
7	Mechanistic Insight into the Turn-Off Sensing of Nitroaromatic Compounds Employing Functionalized Polyaniline. <i>ChemistrySelect</i> , 2020, 5, 6321-6330.	0.7	9
8	Studies and Theoretical Optimization of CL-20-RDX Cocrystal. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 1570-1582.	1.0	17
9	Synthesis Techniques for Preparation of Nanomaterials. , 2019, , 83-103.		11
10	Green Nanotechnology for Biomedical, Food, and Agricultural Applications. , 2019, , 2681-2698.		18
11	Studies on Fluorescence Quenching of DBSA-PANI Employing Nitroaromatics.. <i>ChemistrySelect</i> , 2018, 3, 2655-2664.	0.7	12
12	Copper Chromite as Ballistic Modifier in a Typical Solid Rocket Propellant Composition: A Novel Synthetic Route Involved. <i>Journal of Energetic Materials</i> , 2018, 36, 69-81.	1.0	12
13	In vivo efficacy of biocompatible silver nanoparticles cream for empirical wound healing. <i>Journal of Tissue Viability</i> , 2018, 27, 257-261.	0.9	19
14	Emphasized Mechanistic Antimicrobial Study of Biofunctionalized Silver Nanoparticles on Model <i>Proteus mirabilis</i> . <i>Journal of Drug Delivery</i> , 2018, 2018, 1-10.	2.5	11
15	Effect of biosynthesized Silver nanoparticles on growth and development of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae): Interaction with midgut protease. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 583-589.	0.4	33
16	Bio-functionalized gold nanoparticles: Benign effect in Sprague-Dawley rats by intravenous administration. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1925-1932.	1.8	6
17	Rapid Biosynthesis of Silver Nanoparticles Using Pepino (<i>Solanum muricatum</i>) Leaf Extract and Their Cytotoxicity on HeLa Cells. <i>Materials</i> , 2016, 9, 325.	1.3	22
18	Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. <i>Langmuir</i> , 2016, 32, 1195-1200.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Modulatory Effect of Citrate Reduced Gold and Biosynthesized Silver Nanoparticles on α -Amylase Activity. <i>Journal of Nanoparticles</i> , 2015, 2015, 1-9.	1.4	17
20	Biosynthesis and Characterization of Stable Silver Nanoparticles Using <i>Ficus religiosa</i> Leaf Extract: A Mechanism Perspective. <i>Journal of Cluster Science</i> , 2014, 25, 1157-1171.	1.7	54
21	Biosynthesis and stabilization of Au and Au-Ag alloy nanoparticles by fungus, <i>Fusarium semitectum</i> . <i>Science and Technology of Advanced Materials</i> , 2008, 9, 035012.	2.8	106