

Rajashekhar Kanchanapally

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,319
citations

430442

18
h-index

676716

22
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docs citations

23
times ranked

2533
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomal Formulation Escalates Cellular Uptake of Honokiol Leading to the Enhancement of Its Antitumor Efficacy. <i>ACS Omega</i> , 2020, 5, 23299-23307.	1.6	29
2	Drug-loaded exosomal preparations from different cell types exhibit distinctive loading capability, yield, and antitumor efficacies: a comparative analysis. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 531-541.	3.3	98
3	Epigallocatechin Gallate-Gold Nanoparticles Exhibit Superior Antitumor Activity Compared to Conventional Gold Nanoparticles: Potential Synergistic Interactions. <i>Nanomaterials</i> , 2019, 9, 396.	1.9	43
4	Multifunctional Three-Dimensional Chitosan/Gold Nanoparticle/Graphene Oxide Architecture for Separation, Label-Free SERS Identification of Pharmaceutical Contaminants, and Effective Killing of Superbugs. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7175-7187.	3.2	60
5	Hybrid Graphene Oxide Based Plasmonic-Magnetic Multifunctional Nanoplatform for Selective Separation and Label-Free Identification of Alzheimer's Disease Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13693-13700.	4.0	113
6	Antimicrobial peptide-conjugated graphene oxide membrane for efficient removal and effective killing of multiple drug resistant bacteria. <i>RSC Advances</i> , 2015, 5, 18881-18887.	1.7	99
7	Aptamer-Conjugated Graphene Oxide Membranes for Highly Efficient Capture and Accurate Identification of Multiple Types of Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 235-242.	1.8	98
8	Long-range two-photon scattering spectroscopy ruler for screening prostate cancer cells. <i>Chemical Science</i> , 2015, 6, 2411-2418.	3.7	17
9	Bio-Conjugated CNT-Bridged 3D Porous Graphene Oxide Membrane for Highly Efficient Disinfection of Pathogenic Bacteria and Removal of Toxic Metals from Water. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19210-19218.	4.0	81
10	Hybrid Theranostic Platform for Second Near-IR Window Light Triggered Selective Two-Photon Imaging and Photothermal Killing of Targeted Melanoma Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20649-20656.	4.0	40
11	Aptamer-conjugated theranostic hybrid graphene oxide with highly selective biosensing and combined therapy capability. <i>Faraday Discussions</i> , 2014, 175, 257-271.	1.6	27
12	Multifunctional hybrid graphene oxide for label-free detection of malignant melanoma from infected blood. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1934-1937.	2.9	11
13	Theranostic Graphene Oxide for Prostate Cancer Detection and Treatment. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 1252-1259.	1.2	16
14	Graphene Oxide-Gold Nanocage Hybrid Platform for Trace Level Identification of Nitro Explosives Using a Raman Fingerprint. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7070-7075.	1.5	28
15	Accurate Identification and Selective Removal of Rotavirus Using a Plasmonic-Magnetic 3D Graphene Oxide Architecture. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3216-3221.	2.1	33
16	Hybrid Graphene Oxide Based Ultrasensitive SERS Probe for Label-Free Biosensing. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3813-3818.	2.1	135
17	Bioconjugated Gold Nanoparticle for Rapid Capture and Targeted Photothermal Lysis of Pathogenic Bacteria. <i>ACS Symposium Series</i> , 2012, , 107-128.	0.5	0
18	Synthesis of highly fluorescent water-soluble silver nanoparticles for selective detection of Pb(ii) at the parts per quadrillion (PPQ) level. <i>Chemical Communications</i> , 2012, 48, 9047.	2.2	39

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19	Development of a Long-Range Surface-Enhanced Raman Spectroscopy Ruler. Journal of the American Chemical Society, 2012, 134, 8662-8669.	6.6	77
20	Highly efficient SERS substrate for direct detection of explosive TNT using popcorn-shaped gold nanoparticle-functionalized SWCNT hybrid. Analyst, The, 2012, 137, 5041.	1.7	66
21	Length dependent NLO properties of 2D hollow gold nanoprisms formed by guided assembly. Chemical Communications, 2012, 48, 6034.	2.2	5
22	A gold nanocageâ€“CNT hybrid for targeted imaging and photothermal destruction of cancer cells. Chemical Communications, 2012, 48, 6711.	2.2	64
23	Highly selective SERS probe for Hg(ii) detection using tryptophan-protected popcorn shaped gold nanoparticles. Chemical Communications, 2011, 47, 10326.	2.2	140