

Krishnendu Saha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11238824/publications.pdf>

Version: 2024-02-01

29
papers

7,877
citations

257450

24
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

13988
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Mode Mass Spectrometric Imaging for Determination of <i>In Vivo</i> Stability of Nanoparticle Monolayers. ACS Nano, 2017, 11, 7424-7430.	14.6	36
2	Regulation of Macrophage Recognition through the Interplay of Nanoparticle Surface Functionality and Protein Corona. ACS Nano, 2016, 10, 4421-4430.	14.6	264
3	Quantitative imaging of 2 nm monolayer-protected gold nanoparticle distributions in tissues using laser ablation inductively-coupled plasma mass spectrometry (LA-ICP-MS). Analyst, The, 2016, 141, 2418-2425.	3.5	35
4	Surface Charge Controls the Suborgan Biodistributions of Gold Nanoparticles. ACS Nano, 2016, 10, 5536-5542.	14.6	185
5	Nanoparticle-dendrimer hybrid nanocapsules for therapeutic delivery. Nanomedicine, 2016, 11, 1571-1578.	3.3	24
6	Ratiometric Array of Conjugated Polymers-Fluorescent Protein Provides a Robust Mammalian Cell Sensor. Journal of the American Chemical Society, 2016, 138, 4522-4529.	13.7	122
7	Fabrication of Robust Protein Films Using Nanoimprint Lithography. Advanced Materials, 2015, 27, 6251-6255.	21.0	29
8	A Multichannel Biosensor for Rapid Determination of Cell Surface Glycomic Signatures. ACS Central Science, 2015, 1, 191-197.	11.3	42
9	Fabrication of Functional Nanofibers Through Post-Nanoparticle Functionalization. Macromolecular Rapid Communications, 2015, 36, 678-683.	3.9	7
10	Binding studies of cucurbit[7]uril with gold nanoparticles bearing different surface functionalities. Tetrahedron Letters, 2015, 56, 3653-3657.	1.4	17
11	Acylsulfonamide-Functionalized Zwitterionic Gold Nanoparticles for Enhanced Cellular Uptake at Tumor pH. Angewandte Chemie - International Edition, 2015, 54, 6567-6570.	13.8	162
12	A multichannel nanosensor for instantaneous readout of cancer drug mechanisms. Nature Nanotechnology, 2015, 10, 65-69.	31.5	137
13	Probing the protein-nanoparticle interface: the role of aromatic substitution pattern on affinity. Supramolecular Chemistry, 2015, 27, 123-126.	1.2	4
14	25th Anniversary Article: Interfacing Nanoparticles and Biology: New Strategies for Biomedicine. Advanced Materials, 2014, 26, 359-370.	21.0	105
15	Gold Nanoparticles for Nucleic Acid Delivery. Molecular Therapy, 2014, 22, 1075-1083.	8.2	401
16	Fabrication of Corona-Free Nanoparticles with Tunable Hydrophobicity. ACS Nano, 2014, 8, 6748-6755.	14.6	286
17	Effect of nano-scale curvature on the intrinsic blood coagulation system. Nanoscale, 2014, 6, 14484-14487.	5.6	27
18	Functional Gold Nanoparticles as Potent Antimicrobial Agents against Multi-Drug-Resistant Bacteria. ACS Nano, 2014, 8, 10682-10686.	14.6	615

#	ARTICLE	IF	CITATIONS
19	Protein coronas suppress the hemolytic activity of hydrophilic and hydrophobic nanoparticles. <i>Materials Horizons</i> , 2014, 1, 102-105.	12.2	129
20	The role of ligand coordination on the cytotoxicity of cationic quantum dots in HeLa cells. <i>Nanoscale</i> , 2013, 5, 12140.	5.6	30
21	The Role of Surface Functionality in Determining Nanoparticle Cytotoxicity. <i>Accounts of Chemical Research</i> , 2013, 46, 681-691.	15.6	337
22	Multiplexed Imaging of Nanoparticles in Tissues Using Laser Desorption/Ionization Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2013, 135, 12564-12567.	13.7	78
23	Surface Functionality of Nanoparticles Determines Cellular Uptake Mechanisms in Mammalian Cells. <i>Small</i> , 2013, 9, 300-305.	10.0	165
24	Cell Alignment using Patterned Biocompatible Gold Nanoparticle Templates. <i>Small</i> , 2012, 8, 1209-1213.	10.0	21
25	Aggregation and Interaction of Cationic Nanoparticles on Bacterial Surfaces. <i>Journal of the American Chemical Society</i> , 2012, 134, 6920-6923.	13.7	221
26	Gold Nanoparticles in Chemical and Biological Sensing. <i>Chemical Reviews</i> , 2012, 112, 2739-2779.	47.7	4,017
27	Beauty is Skin Deep: A Surface Monolayer Perspective on Nanoparticle Interactions with Cells and Bio-macromolecules. <i>Small</i> , 2011, 7, 1903-1918.	10.0	83
28	Direct Fabrication of Functional and Biofunctional Nanostructures Through Reactive Imprinting. <i>Advanced Materials</i> , 2011, 23, 3165-3169.	21.0	48
29	The Role of Surface Functionality on Acute Cytotoxicity, ROS Generation and DNA Damage by Cationic Gold Nanoparticles. <i>Small</i> , 2010, 6, 2246-2249.	10.0	232