

Seongchan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,230
citations

516710

16
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2603
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Microfluidic Platform and Tumor Vascular Mapping for Evaluating Anti-Angiogenic RNAi-Based Nanomedicine. <i>ACS Nano</i> , 2021, 15, 338-350.	14.6	34
2	Electrical Cartridge Sensor Enables Reliable and Direct Identification of MicroRNAs in Urine of Patients. <i>ACS Sensors</i> , 2021, 6, 833-841.	7.8	25
3	Fluorometric Viral miRNA Nanosensor for Diagnosis of Productive (Lytic) Human Cytomegalovirus Infection in Living Cells. <i>ACS Sensors</i> , 2021, 6, 815-822.	7.8	14
4	Effect of carbon nanomaterial dimension on the functional activity and degeneration of neurons. <i>Biomaterials</i> , 2021, 279, 121232.	11.4	7
5	Biocompatible N-acetyl-nanoconstruct alleviates lipopolysaccharide-induced acute lung injury in vivo. <i>Scientific Reports</i> , 2021, 11, 22662.	3.3	4
6	Supramolecular protection-mediated one-pot synthesis of cationic gold nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 81, 303-308.	5.8	3
7	Barrier to autointegration factor 1, procollagen α 1(I)C1, and splicing factor 3b subunit 4 as early-stage cancer decision markers and drivers of hepatocellular carcinoma. <i>Hepatology</i> , 2018, 67, 1360-1377.	7.3	90
8	Synthesis of Fluorescent Au Nanocrystals@Silica Hybrid Nanocomposite (FLASH) with Enhanced Optical Features for Bioimaging and Photodynamic Activity. <i>Langmuir</i> , 2018, 34, 173-178.	3.5	9
9	Morphology-Controlled Synthesis of Rhodium Nanoparticles for Cancer Phototherapy. <i>ACS Nano</i> , 2018, 12, 6997-7008.	14.6	48
10	Functional manganese dioxide nanosheet for targeted photodynamic therapy and bioimaging <i>in vitro</i> and <i>in vivo</i> . <i>2D Materials</i> , 2017, 4, 025069.	4.4	29
11	Highly efficient photocatalytic performances of SnO ₂ -deposited ZnS nanorods based on interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 433-442.	20.2	48
12	Highly Efficient and Rapid Neural Differentiation of Mouse Embryonic Stem Cells Based on Retinoic Acid Encapsulated Porous Nanoparticle. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34634-34640.	8.0	19
13	Facile one-pot photosynthesis of stable Ag@graphene oxide nanocolloid core@shell nanoparticles with sustainable localized surface plasmon resonance properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10016-10022.	5.5	12
14	Highly efficient gene silencing and bioimaging based on fluorescent carbon dots <i>in vitro</i> and <i>in vivo</i> . <i>Nano Research</i> , 2017, 10, 503-519.	10.4	68
15	MAP4-regulated dynein-dependent trafficking of BTN3A1 controls the TBK1-IRF3 signaling axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14390-14395.	7.1	30
16	MicroRNA-Responsive Drug Release System for Selective Fluorescence Imaging and Photodynamic Therapy <i>In Vivo</i> . <i>Advanced Healthcare Materials</i> , 2016, 5, 2386-2395.	7.6	30
17	Biosensors based on graphene oxide and its biomedical application. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 275-287.	13.7	301
18	In-depth study on the gene silencing capability of silica nanoparticles with different pore sizes: degree and duration of RNA interference. <i>RSC Advances</i> , 2016, 6, 27143-27150.	3.6	19

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19	In-depth investigation of the interaction between DNA and nano-sized graphene oxide. <i>Carbon</i> , 2016, 97, 92-98.	10.3	56
20	One-Pot Synthesis of Multifunctional Au@Graphene Oxide Nanocolloid Core@Shell Nanoparticles for Raman Bioimaging, Photothermal, and Photodynamic Therapy. <i>Small</i> , 2015, 11, 2527-2535.	10.0	114
21	Photodynamic Therapy: Highly Biocompatible Carbon Nanodots for Simultaneous Bioimaging and Targeted Photodynamic Therapy In Vitro and In Vivo (<i>Adv. Funct. Mater.</i> 37/2014). <i>Advanced Functional Materials</i> , 2014, 24, 5774-5774.	14.9	3
22	Highly Biocompatible Carbon Nanodots for Simultaneous Bioimaging and Targeted Photodynamic Therapy In Vitro and In Vivo. <i>Advanced Functional Materials</i> , 2014, 24, 5781-5789.	14.9	191
23	Deoxyribozyme-loaded nano-graphene oxide for simultaneous sensing and silencing of the hepatitis C virus gene in liver cells. <i>Chemical Communications</i> , 2013, 49, 8241.	4.1	72
24	Trends and Perspectives in Bio- and Eco-friendly Sustainable Nanomaterial Delivery Systems Through Biological Barriers. <i>Materials Chemistry Frontiers</i> , 0, , .	5.9	4