

Xiao-Hui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

941
citations

567281

15
h-index

501196

28
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33
all docs

33
docs citations

33
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanorod-based localized surface plasmon resonance biosensor for sensitive detection of hepatitis B virus in buffer, blood serum and plasma. <i>Biosensors and Bioelectronics</i> , 2010, 26, 404-410.	10.1	194
2	Rapid lateral flow immunoassay for the fluorescence detection of SARS-CoV-2 RNA. <i>Nature Biomedical Engineering</i> , 2020, 4, 1150-1158.	22.5	193
3	Different-Sized Gold Nanoparticle Activator/Antigen Increases Dendritic Cells Accumulation in Liver-Draining Lymph Nodes and CD8+ T Cell Responses. <i>ACS Nano</i> , 2016, 10, 2678-2692.	14.6	109
4	A simple aptamer-functionalized gold nanorods based biosensor for the sensitive detection of MCF-7 breast cancer cells. <i>Chemical Communications</i> , 2016, 52, 3959-3961.	4.1	74
5	A Novel, Universal and Sensitive Lateral-Flow Based Method for the Detection of Multiple Bacterial Contamination in Platelet Concentrations. <i>Analytical Sciences</i> , 2012, 28, 237-241.	1.6	37
6	Large-Sized Graphene Oxide Nanosheets Increase DC-T Cell Synaptic Contact and the Efficacy of DC Vaccines against SARS-CoV-2. <i>Advanced Materials</i> , 2021, 33, e2102528.	21.0	34
7	Detection of hepatitis B surface antigen by target-induced aggregation monitored by dynamic light scattering. <i>Analytical Biochemistry</i> , 2012, 428, 119-125.	2.4	31
8	Bioluminescence imaging of caspase-3 activity in mouse liver. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 998-1007.	4.9	30
9	Establishment of Stable Reporter Expression for In Vivo Imaging of Nuclear Factor- κ B Activation in Mouse Liver. <i>Theranostics</i> , 2013, 3, 841-850.	10.0	26
10	Development of antimicrobial oxidized cellulose film for active food packaging. <i>Carbohydrate Polymers</i> , 2022, 278, 118922.	10.2	26
11	High levels of gene expression in the hepatocytes of adult mice, neonatal mice and tree shrews via retro-orbital sinus hydrodynamic injections of naked plasmid DNA. <i>Journal of Controlled Release</i> , 2012, 161, 763-771.	9.9	23
12	Current advances in nanomaterials affecting morphology, structure, and function of erythrocytes. <i>RSC Advances</i> , 2021, 11, 6958-6971.	3.6	21
13	A broad-range method to detect genomic DNA of multiple pathogenic bacteria based on the aggregation strategy of gold nanorods. <i>Analyst</i> , 2012, 137, 4267.	3.5	20
14	Bioluminescence imaging of Hepatitis C virus NS3/4A serine protease activity in cells and living animals. <i>Antiviral Research</i> , 2010, 87, 50-56.	4.1	19
15	Immunostimulatory Potential of MoS ₂ Nanosheets: Enhancing Dendritic Cell Maturation, Migration and T Cell Elicitation. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2971-2986.	6.7	17
16	Impairment of mitochondrial dynamics involved in iron oxide nanoparticle-induced dysfunction of dendritic cells was alleviated by autophagy inhibitor 3-methyladenine. <i>Journal of Applied Toxicology</i> , 2020, 40, 631-642.	2.8	12
17	Large-sized graphene oxide synergistically enhances parenchymal hepatocyte IL-6 expression monitored by dynamic imaging. <i>Nanoscale</i> , 2020, 12, 8147-8158.	5.6	12
18	Single High-Dose Radiation Enhances Dendritic Cell Homing and T Cell Priming by Promoting Reactive Oxygen Species-Induced Cytoskeletal Reorganization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 95-108.	0.8	12

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19	A Mouse Model for Studying the Clearance of Hepatitis B Virus In Vivo Using a Luciferase Reporter. PLoS ONE, 2013, 8, e60005.	2.5	9
20	ΉC31 integrase and liver-specific regulatory elements confer high-level, long-term expression of firefly luciferase in mouse liver. Biotechnology Letters, 2009, 31, 1151-1157.	2.2	8
21	Evaluation of hepatitis B virus promoters for sustained transgene expression in mice by bioluminescence imaging. Virus Research, 2010, 149, 162-166.	2.2	7
22	Non-Invasive Imaging Serum Amyloid A Activation through the NF-ΉB Signal Pathway upon Gold Nanostructure Exposure. Small, 2016, 12, 3270-3282.	10.0	7
23	Hepatic NK cell-mediated hypersensitivity to ConA-induced liver injury in mouse liver expressing hepatitis C virus polyprotein. Oncotarget, 2017, 8, 52178-52192.	1.8	7
24	Bioluminescence Imaging Allows Monitoring Hepatitis C Virus Core Protein Inhibitors in Mice. PLoS ONE, 2010, 5, e14043.	2.5	5
25	Dimethyl Sulfoxide-Free Cryopreservation of Human Umbilical Cord Mesenchymal Stem Cells Based on Zwitterionic Betaine and Electroporation. International Journal of Molecular Sciences, 2021, 22, 7445.	4.1	3
26	Noninvasive molecular imaging of interferon beta activation in mouse liver. Liver International, 2012, 32, 383-391.	3.9	2
27	Noninvasive imaging of hepatocyte IL-6/STAT3 signaling pathway for evaluating inflammation responses induced by end-stage stored whole blood transfusion. Biotechnology Letters, 2019, 41, 733-742.	2.2	1
28	A point-of-care microfluidic channel-based device for rapid and direct detection of fibrinogen in whole blood. Lab on A Chip, 0, , .	6.0	1
29	Stored red blood cells enhance in vivo migration of dendritic cells by promoting reactive oxygen speciesΉ-induced cytoskeletal rearrangement. Transfusion, 2019, 59, 1312-1323.	1.6	0