

Yanyan Jiang

List of Publications by Year in descending order

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53
papers

1,906
citations

257101
24
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264894
42
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docs citations

53
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of S4Aâ€“BSAâ€“Au NPs for enhanced anti-tumor therapy of canine breast cancer. <i>Nanoscale Advances</i> , 2022, 4, 1808-1814.	2.2	2
2	CHK1 inhibition exacerbates replication stress induced by IGF blockade. <i>Oncogene</i> , 2022, 41, 476-488.	2.6	4
3	Platinumâˆ“Copper Bimetallic Nanoparticles Supported on TiO ₂ as Catalysts for Photoâˆ“thermal Catalytic Toluene Combustion. <i>ACS Applied Nano Materials</i> , 2022, 5, 1845-1854.	2.4	26
4	Advances in Chiral Gold Nanoâˆ“Assemblies and Their Bioapplication Based on Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2022, 39, .	1.2	12
5	Unidirectional self-actuation transport of a liquid metal nanodroplet in a two-plate confinement microchannel. <i>Nanoscale Advances</i> , 2022, 4, 2752-2761.	2.2	5
6	Encapsulating Ir nanoparticles into UiO-66 for photo-thermal catalytic CO ₂ methanation under ambient pressure. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12157-12167.	5.2	15
7	Multifunctional MoS ₂ composite nanomaterials for drug delivery and synergistic photothermal therapy in cancer treatment. <i>Ceramics International</i> , 2022, 48, 22378-22386.	2.3	12
8	Bioactive engineered photothermal nanomaterials: from theoretical understanding to cutting-edge application strategies in anti-cancer therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5257-5297.	3.2	18
9	Self-assembled anionic and cationic Au nanoparticles with Au nanoclusters for the exploration of different biological responsiveness in cancer therapy. <i>Nanoscale Advances</i> , 2021, 3, 2812-2821.	2.2	9
10	Hydrogenation of TiO ₂ nanosheets and nanoparticles: typical reduction stages and orientation-related anisotropic disorder. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22603-22614.	5.2	5
11	Germline and Somatic Genetic Variants in the p53 Pathway Interact to Affect Cancer Risk, Progression, and Drug Response. <i>Cancer Research</i> , 2021, 81, 1667-1680.	0.4	32
12	Olaparib increases the therapeutic index of hemithoracic irradiation compared with hemithoracic irradiation alone in a mouse lung cancer model. <i>British Journal of Cancer</i> , 2021, 124, 1809-1819.	2.9	5
13	Structural Transformation from Low-Coordinated Oxides to High-Coordinated Oxides during the Oxidation of Cu Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8759-8766.	1.5	14
14	PEG/Sodium Tripolyphosphate-Modified Chitosan/Activated Carbon Membrane for Rhodamine B Removal. <i>ACS Omega</i> , 2021, 6, 15885-15891.	1.6	10
15	Characterization of the rheological behaviors and mechanical properties of fabrics impregnated by different shear thickening fluids at changing temperatures. <i>Smart Materials and Structures</i> , 2021, 30, 085009.	1.8	5
16	Manipulating endogenous exosome biodistribution for therapy. <i>SmartMat</i> , 2021, 2, 127-130.	6.4	17
17	DNAPK Inhibition Preferentially Compromises the Repair of Radiation-induced DNA Double-strand Breaks in Chronically Hypoxic Tumor Cells in Xenograft Models. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1663-1671.	1.9	5
18	Modeling of Wetting Transition of Liquid Metals on Organic Liquid Surfaces. <i>Langmuir</i> , 2021, 37, 9429-9438.	1.6	8

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19	Molecular Recognition of the Self-Assembly Mechanism of Glycosyl Amino Acetate-Based Hydrogels. ACS Omega, 2021, 6, 21801-21808.	1.6	1
20	Regular Self-Actuation of Liquid Metal Nanodroplets in Radial Texture Gradient Surfaces. Langmuir, 2021, 37, 13654-13663.	1.6	4
21	Gold Nanorods (AuNRs) and Zeolitic Imidazolate Framework-8 (ZIF-8) Core-Shell Nanostructure-Based Electrochemical Sensor for Detecting Neurotransmitters. ACS Omega, 2021, 6, 33149-33158.	1.6	12
22	Ratiometric Fluorescent Biosensor Based on Forster Resonance Energy Transfer between Carbon Dots and Acridine Orange for miRNA Analysis. ACS Omega, 2021, 6, 34150-34159.	1.6	16
23	Construction of a Au@MoS ₂ composite nanosheet biosensor for the ultrasensitive detection of a neurotransmitter and understanding of its mechanism based on DFT calculations. RSC Advances, 2021, 12, 798-809.	1.7	11
24	A MOF-derived ZrO ₂ /C nanocomposite for efficient electromagnetic wave absorption. Inorganic Chemistry Frontiers, 2020, 7, 385-393.	3.0	59
25	Tailoring electromagnetic absorption performances of TiO ₂ /Co/carbon nanofibers through tuning graphitization degrees. Ceramics International, 2020, 46, 4754-4761.	2.3	29
26	Effects of silica morphology on the shear-thickening behavior of shear thickening fluids and stabbing resistance of fabric composites. Journal of Applied Polymer Science, 2020, 137, 48809.	1.3	18
27	Perfect Spin Filtering Effect on Fe ₃ GeTe ₂ -Based Van der Waals Magnetic Tunnel Junctions. Journal of Physical Chemistry C, 2020, 124, 27429-27435.	1.5	32
28	State-of-the-art advancements in photo-assisted CO ₂ hydrogenation: recent progress in catalyst development and reaction mechanisms. Journal of Materials Chemistry A, 2020, 8, 24868-24894.	5.2	40
29	Recent advances and perspectives on constructing metal oxide semiconductor gas sensing materials for efficient formaldehyde detection. Journal of Materials Chemistry C, 2020, 8, 13169-13188.	2.7	63
30	Single-Molecule Detection of Acetylcholine by Translating the Neuronal Signal to a Single Distinct Electronic Peak. ACS Applied Bio Materials, 2020, 3, 6888-6896.	2.3	4
31	Oxidation of graphene with variable defects: alternately symmetrical escape and self-restructuring of carbon rings. Nanoscale, 2020, 12, 10140-10148.	2.8	20
32	Wetting state transition of a liquid gallium drop at the nanoscale. Physical Chemistry Chemical Physics, 2020, 22, 11809-11816.	1.3	8
33	BAs nanotubes with non-circular cross section shapes for gas sensors. Physical Chemistry Chemical Physics, 2020, 22, 12584-12590.	1.3	2
34	Recent advances in ultra-small fluorescent Au nanoclusters toward oncological research. Nanoscale, 2019, 11, 17967-17980.	2.8	55
35	High-Efficiency Electromagnetic Wave Absorption of Cobalt-Decorated NH ₂ -UIO-66-Derived Porous ZrO ₂ /C. ACS Applied Materials & Interfaces, 2019, 11, 35959-35968.	4.0	145
36	Overcoming acquired resistance to HSP90 inhibition by targeting JAK-STAT signalling in triple-negative breast cancer. BMC Cancer, 2019, 19, 102.	1.1	29

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37	<scp>RASSF</scp> 1A controls tissue stiffness and cancer stemâ€like cells in lung adenocarcinoma. EMBO Journal, 2019, 38, e100532.	3.5	83
38	Selective DNA-PKcs inhibition extends the therapeutic index of localized radiotherapy and chemotherapy. Journal of Clinical Investigation, 2019, 130, 258-271.	3.9	45
39	PARP Inhibition Combined With Thoracic Irradiation Exacerbates Esophageal and Skin Toxicity in C57BL6 Mice. International Journal of Radiation Oncology Biology Physics, 2018, 100, 767-775.	0.4	22
40	Hypoxia Potentiates the Radiation-Sensitizing Effect of Olaparib in Human Non-Small Cell Lung Cancer Xenografts by Contextual Synthetic Lethality. International Journal of Radiation Oncology Biology Physics, 2016, 95, 772-781.	0.4	39
41	Vascular endothelial growth factor directly stimulates tumour cell proliferation in non-small cell lung cancer. International Journal of Oncology, 2015, 47, 849-856.	1.4	29
42	Inhibiting WEE1 Selectively Kills Histone H3K36me3-Deficient Cancers by dNTP Starvation. Cancer Cell, 2015, 28, 557-568.	7.7	244
43	Acute vascular response to cediranib treatment in human non-small-cell lung cancer xenografts with different tumour stromal architecture. Lung Cancer, 2015, 90, 191-198.	0.9	14
44	Short-Course Treatment With Gefitinib Enhances Curative Potential of Radiation Therapy in a Mouse Model of Human Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2014, 88, 947-954.	0.4	26
45	Combining AKT inhibition with chloroquine and gefitinib prevents compensatory autophagy and induces cell death in EGFR mutated NSCLC cells. Oncotarget, 2014, 5, 4765-4778.	0.8	42
46	Replication Stress and Chromatin Context Link ATM Activation to a Role in DNA Replication. Molecular Cell, 2013, 52, 758-766.	4.5	102
47	Sickness behaviour is induced by a peripheral CXC-chemokine also expressed in Multiple Sclerosis and EAE. Brain, Behavior, and Immunity, 2010, 24, 738-746.	2.0	41
48	Comparison of MRI signatures in pattern I and II multiple sclerosis models. NMR in Biomedicine, 2009, 22, 1014-1024.	1.6	42
49	Systemic Inflammatory Response Reactivates Immune-Mediated Lesions in Rat Brain. Journal of Neuroscience, 2009, 29, 4820-4828.	1.7	115
50	Liver Kupffer cells control the magnitude of the inflammatory response in the injured brain and spinal cord. Neuropharmacology, 2008, 55, 780-787.	2.0	63
51	Immunomodulatory effects of etanercept in a model of brain injury act through attenuation of the acute-phase response. Journal of Neurochemistry, 2007, 103, 2245-2255.	2.1	52
52	Overexpression of IL-1Î² by adenoviral-mediated gene transfer in the rat brain causes a prolonged hepatic chemokine response, axonal injury and the suppression of spontaneous behaviour. Neurobiology of Disease, 2007, 27, 151-163.	2.1	59
53	Identification and Characterization of Murine SCARA5, a Novel Class A Scavenger Receptor That Is Expressed by Populations of Epithelial Cells. Journal of Biological Chemistry, 2006, 281, 11834-11845.	1.6	136