

Yanyan Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,906
citations

257101

24
h-index

264894

42
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53
all docs

53
docs citations

53
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibiting WEE1 Selectively Kills Histone H3K36me3-Deficient Cancers by dNTP Starvation. <i>Cancer Cell</i> , 2015, 28, 557-568.	7.7	244
2	High-Efficiency Electromagnetic Wave Absorption of Cobalt-Decorated NH ₂ -UIO-66-Derived Porous ZrO ₂ /C. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35959-35968.	4.0	145
3	Identification and Characterization of Murine SCARA5, a Novel Class A Scavenger Receptor That Is Expressed by Populations of Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 11834-11845.	1.6	136
4	Systemic Inflammatory Response Reactivates Immune-Mediated Lesions in Rat Brain. <i>Journal of Neuroscience</i> , 2009, 29, 4820-4828.	1.7	115
5	Replication Stress and Chromatin Context Link ATM Activation to a Role in DNA Replication. <i>Molecular Cell</i> , 2013, 52, 758-766.	4.5	102
6	RASSF1A controls tissue stiffness and cancer stem-like cells in lung adenocarcinoma. <i>EMBO Journal</i> , 2019, 38, e100532.	3.5	83
7	Liver Kupffer cells control the magnitude of the inflammatory response in the injured brain and spinal cord. <i>Neuropharmacology</i> , 2008, 55, 780-787.	2.0	63
8	Recent advances and perspectives on constructing metal oxide semiconductor gas sensing materials for efficient formaldehyde detection. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13169-13188.	2.7	63
9	Overexpression of IL-1 β by adenoviral-mediated gene transfer in the rat brain causes a prolonged hepatic chemokine response, axonal injury and the suppression of spontaneous behaviour. <i>Neurobiology of Disease</i> , 2007, 27, 151-163.	2.1	59
10	A MOF-derived ZrO ₂ /C nanocomposite for efficient electromagnetic wave absorption. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 385-393.	3.0	59
11	Recent advances in ultra-small fluorescent Au nanoclusters toward oncological research. <i>Nanoscale</i> , 2019, 11, 17967-17980.	2.8	55
12	Immunomodulatory effects of etanercept in a model of brain injury act through attenuation of the acute-phase response. <i>Journal of Neurochemistry</i> , 2007, 103, 2245-2255.	2.1	52
13	Selective DNA-PKcs inhibition extends the therapeutic index of localized radiotherapy and chemotherapy. <i>Journal of Clinical Investigation</i> , 2019, 130, 258-271.	3.9	45
14	Comparison of MRI signatures in pattern I and II multiple sclerosis models. <i>NMR in Biomedicine</i> , 2009, 22, 1014-1024.	1.6	42
15	Combining AKT inhibition with chloroquine and gefitinib prevents compensatory autophagy and induces cell death in EGFR mutated NSCLC cells. <i>Oncotarget</i> , 2014, 5, 4765-4778.	0.8	42
16	Sickness behaviour is induced by a peripheral CXC-chemokine also expressed in Multiple Sclerosis and EAE. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 738-746.	2.0	41
17	State-of-the-art advancements in photo-assisted CO ₂ hydrogenation: recent progress in catalyst development and reaction mechanisms. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24868-24894.	5.2	40
18	Hypoxia Potentiates the Radiation-Sensitizing Effect of Olaparib in Human Non-Small Cell Lung Cancer Xenografts by Contextual Synthetic Lethality. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 772-781.	0.4	39

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19	Perfect Spin Filtering Effect on Fe ₃ GeTe ₂ -Based Van der Waals Magnetic Tunnel Junctions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27429-27435.	1.5	32
20	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
21	Vascular endothelial growth factor directly stimulates tumour cell proliferation in non-small cell lung cancer. <i>International Journal of Oncology</i> , 2015, 47, 849-856.	1.4	29
22	Overcoming acquired resistance to HSP90 inhibition by targeting JAK-STAT signalling in triple-negative breast cancer. <i>BMC Cancer</i> , 2019, 19, 102.	1.1	29
23	Tailoring electromagnetic absorption performances of TiO ₂ /Co/carbon nanofibers through tuning graphitization degrees. <i>Ceramics International</i> , 2020, 46, 4754-4761.	2.3	29
24	Short-Course Treatment With Gefitinib Enhances Curative Potential of Radiation Therapy in a Mouse Model of Human Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 947-954.	0.4	26
25	Platinum~Copper Bimetallic Nanoparticles Supported on TiO ₂ as Catalysts for Photo~thermal Catalytic Toluene Combustion. <i>ACS Applied Nano Materials</i> , 2022, 5, 1845-1854.	2.4	26
26	PARP Inhibition Combined With Thoracic Irradiation Exacerbates Esophageal and Skin Toxicity in C57BL6 Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 767-775.	0.4	22
27	Oxidation of graphene with variable defects: alternately symmetrical escape and self-restructuring of carbon rings. <i>Nanoscale</i> , 2020, 12, 10140-10148.	2.8	20
28	Effects of silica morphology on the shear~thickening behavior of shear thickening fluids and stabbing resistance of fabric composites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48809.	1.3	18
29	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
30	Manipulating endogenous exosome biodistribution for therapy. <i>SmartMat</i> , 2021, 2, 127-130.	6.4	17
31	Ratiometric Fluorescent Biosensor Based on Forster Resonance Energy Transfer between Carbon Dots and Acridine Orange for miRNA Analysis. <i>ACS Omega</i> , 2021, 6, 34150-34159.	1.6	16
32	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
33	Acute vascular response to cediranib treatment in human non-small-cell lung cancer xenografts with different tumour stromal architecture. <i>Lung Cancer</i> , 2015, 90, 191-198.	0.9	14
34	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
35	Gold Nanorods (AuNRs) and Zeolitic Imidazolate Framework-8 (ZIF-8) Core~Shell Nanostructure-Based Electrochemical Sensor for Detecting Neurotransmitters. <i>ACS Omega</i> , 2021, 6, 33149-33158.	1.6	12
36	Advances in Chiral Gold Nano~Assemblies and Their Bioapplication Based on Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2022, 39, .	1.2	12

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37	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
38	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. <i>RSC Advances</i> , 2021, 12, 798-809.	1.7	11
39	PEG/Sodium Tripolyphosphate-Modified Chitosan/Activated Carbon Membrane for Rhodamine B Removal. <i>ACS Omega</i> , 2021, 6, 15885-15891.	1.6	10
40	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
41	Wetting state transition of a liquid gallium drop at the nanoscale. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11809-11816.	1.3	8
42	Modeling of Wetting Transition of Liquid Metals on Organic Liquid Surfaces. <i>Langmuir</i> , 2021, 37, 9429-9438.	1.6	8
43	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
44	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
45	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
46	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
47	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
48	Single-Molecule Detection of Acetylcholine by Translating the Neuronal Signal to a Single Distinct Electronic Peak. <i>ACS Applied Bio Materials</i> , 2020, 3, 6888-6896.	2.3	4
49	Regular Self-Actuation of Liquid Metal Nanodroplets in Radial Texture Gradient Surfaces. <i>Langmuir</i> , 2021, 37, 13654-13663.	1.6	4
50	CHK1 inhibition exacerbates replication stress induced by IGF blockade. <i>Oncogene</i> , 2022, 41, 476-488.	2.6	4
51	Development of S4A@BSA@Au NPs for enhanced anti-tumor therapy of canine breast cancer. <i>Nanoscale Advances</i> , 2022, 4, 1808-1814.	2.2	2
52	BAs nanotubes with non-circular cross section shapes for gas sensors. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12584-12590.	1.3	2
53	Molecular Recognition of the Self-Assembly Mechanism of Glycosyl Amino Acetate-Based Hydrogels. <i>ACS Omega</i> , 2021, 6, 21801-21808.	1.6	1