

Afu Fu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,079
citations

394421

19
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1826
citing authors

#	ARTICLE	IF	CITATIONS
1	High Expression of G6PD Increases Doxorubicin Resistance in Triple Negative Breast Cancer Cells by Maintaining GSH Level. <i>International Journal of Biological Sciences</i> , 2022, 18, 1120-1133.	6.4	20
2	p62-containing, proteolytically active nuclear condensates, increase the efficiency of the ubiquitin-proteasome system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	40
3	Micromotor-based localized electroporation and gene transfection of mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
4	How multi-component cascades operate in cells: lessons from the ubiquitin system-containing liquid-separated condensates. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1989939.	0.7	0
5	Active Particle Based Selective Transport and Release of Cell Organelles and Mechanical Probing of a Single Nucleus. <i>Small</i> , 2020, 16, 1906682.	10.0	15
6	Active particles as mobile microelectrodes for selective bacteria electroporation and transport. <i>Science Advances</i> , 2020, 6, eaay4412.	10.3	40
7	Correction: Non-toxic dose of liposomal honokiol suppresses metastasis of hepatocellular carcinoma through destabilizing EGFR and inhibiting the downstream pathways. <i>Oncotarget</i> , 2020, 11, 3350-3351.	1.8	1
8	Graphene quantum dot based charge-reversal nanomaterial for nucleus-targeted drug delivery and efficiency controllable photodynamic therapy. <i>Journal of Biophotonics</i> , 2019, 12, e201800367.	2.3	42
9	MnSOD mediates shear stress-promoted tumor cell migration and adhesion. <i>Free Radical Biology and Medicine</i> , 2018, 129, 46-58.	2.9	17
10	Extracellular Vesicle Directed Exogenous Ion Channel Transport for Precise Manipulation of Biological Events. <i>Bioconjugate Chemistry</i> , 2018, 29, 2715-2722.	3.6	7
11	Rapid identification of antimetastases drugs using integrated model systems with two dimensional monolayer, three dimensional spheroids, and zebrafish xenotransplantation tumors. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2828-2843.	3.3	16
12	High Shear Stresses under Exercise Condition Destroy Circulating Tumor Cells in a Microfluidic System. <i>Scientific Reports</i> , 2017, 7, 39975.	3.3	147
13	Hemodynamic shear stress stimulates migration and extravasation of tumor cells by elevating cellular oxidative level. <i>Cancer Letters</i> , 2017, 388, 239-248.	7.2	65
14	Non-toxic dose of liposomal honokiol suppresses metastasis of hepatocellular carcinoma through destabilizing EGFR and inhibiting the downstream pathways. <i>Oncotarget</i> , 2017, 8, 915-932.	1.8	22
15	High expression of MnSOD promotes survival of circulating breast cancer cells and increases their resistance to doxorubicin. <i>Oncotarget</i> , 2016, 7, 50239-50257.	1.8	72
16	Physical supports from liver cancer cells are essential for differentiation and remodeling of endothelial cells in a HepG2-HUVEC co-culture model. <i>Scientific Reports</i> , 2015, 5, 10801.	3.3	38
17	Application of a fluorescence resonance energy transfer (FRET)-based biosensor for detection of drug-induced apoptosis in a 3D breast tumor model. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1673-1682.	3.3	29
18	Tracking mesenchymal stem cell tumor-homing using fluorescent silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1245-1253.	5.8	22

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19	Cytotoxic and apoptotic effects of constituents from <i>Millettia pachycarpa</i> Benth. <i>Fã-toterapã-ãt</i> , 2012, 83, 1402-1408.	2.2	47
20	A high-throughput fluorescence resonance energy transfer (FRET)-based endothelial cell apoptosis assay and its application for screening vascular disrupting agents. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 641-646.	2.1	25
21	5-Formylhonokiol exerts anti-angiogenesis activity<i>via</i> inactivating the ERK signaling pathway. <i>Experimental and Molecular Medicine</i> , 2011, 43, 146.	7.7	21
22	Squaraine-based colorimetric and fluorescent sensors for Cu ²⁺ -specific detection and fluorescence imaging in living cells. <i>Tetrahedron</i> , 2010, 66, 3695-3701.	1.9	81
23	Improved tumor-targeting drug delivery and therapeutic efficacy by cationic liposome modified with truncated bFGF peptide. <i>Journal of Controlled Release</i> , 2010, 145, 17-25.	9.9	92
24	Deguelinã€”An inhibitor to tumor lymphangiogenesis and lymphatic metastasis by downregulation of vascular endothelial cell growth factorã€” in lung tumor model. <i>International Journal of Cancer</i> , 2010, 127, 2455-2466.	5.1	32
25	Rational Design of Fluorescent Bioimaging Probes by Controlling the Aggregation Behavior of Squaraines: A Special Effect of Ionic Liquid Pendants. <i>Chemistry - A European Journal</i> , 2010, 16, 5129-5137.	3.3	33
26	Honokiol inhibits HepG2 migration <i>via</i> downã€”regulation of IQGAP1 expression discovered by a quantitative pharmaceutical proteomic analysis. <i>Proteomics</i> , 2010, 10, 1474-1483.	2.2	17
27	Quantitative Proteomic Analysis of HepG2 Cells Treated with Quercetin Suggests IQGAP1 Involved in Quercetin-Induced Regulation of Cell Proliferation and Migration. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 93-103.	2.0	29
28	Preparative isolation and purification of three rotenoids and one isoflavone from the seeds of <i>Millettia pachycarpa</i> Benth by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1178, 101-107.	3.7	73
29	Preparative purification of anti-tumor derivatives of honokiol by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2008, 1178, 160-165.	3.7	20