Afu Fu

List of Publications by Year
in descending order

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29	1,079	394421 19	501196 28
papers	citations	h-index	g-index

29	29	29	1826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Shear Stresses under Exercise Condition Destroy Circulating Tumor Cells in a Microfluidic System. Scientific Reports, 2017, 7, 39975.	3.3	147
2	Improved tumor-targeting drug delivery and therapeutic efficacy by cationic liposome modified with truncated bFGF peptide. Journal of Controlled Release, 2010, 145, 17-25.	9.9	92
3	Squaraine-based colorimetric and fluorescent sensors for Cu2+-specific detection and fluorescence imaging in living cells. Tetrahedron, 2010, 66, 3695-3701.	1.9	81
4	Preparative isolation and purification of three rotenoids and one isoflavone from the seeds of Millettia pachycarpa Benth by high-speed counter-current chromatography. Journal of Chromatography A, 2008, 1178, 101-107.	3.7	73
5	High expression of MnSOD promotes survival of circulating breast cancer cells and increases their resistance to doxorubicin. Oncotarget, 2016, 7, 50239-50257.	1.8	72
6	Hemodynamic shear stress stimulates migration and extravasation of tumor cells by elevating cellular oxidative level. Cancer Letters, 2017, 388, 239-248.	7.2	65
7	Cytotoxic and apoptotic effects of constituents from Millettia pachycarpa Benth. FÃ¬toterapÃ¬Ã¢, 2012, 83, 1402-1408.	2.2	47
8	Graphene quantum dot based chargeâ€reversal nanomaterial for nucleusâ€targeted drug delivery and efficiency controllable photodynamic therapy. Journal of Biophotonics, 2019, 12, e201800367.	2.3	42
9	Active particles as mobile microelectrodes for selective bacteria electroporation and transport. Science Advances, 2020, 6, eaay4412.	10.3	40
10	p62-containing, proteolytically active nuclear condensates, increase the efficiency of the ubiquitinâ€“proteasome system. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
11	Physical supports from liver cancer cells are essential for differentiation and remodeling of endothelial cells in a HepG2-HUVEC co-culture model. Scientific Reports, 2015, 5, 10801.	3.3	38
12	Rational Design of Fluorescent Bioimaging Probes by Controlling the Aggregation Behavior of Squaraines: A Special Effect of Ionic Liquid Pendants. Chemistry - A European Journal, 2010, 16, 5129-5137.	3.3	33
13	Deguelinâ€”An inhibitor to tumor lymphangiogenesis and lymphatic metastasis by downregulation of vascular endothelial cell growth factorâÐ in lung tumor model. International Journal of Cancer, 2010, 127, 2455-2466.	5.1	32
14	Quantitative Proteomic Analysis of HepG2 Cells Treated with Quercetin Suggests IQGAP1 Involved in Quercetin-Induced Regulation of Cell Proliferation and Migration. OMICS A Journal of Integrative Biology, 2009, 13, 93-103.	2.0	29
15	Application of a fluorescence resonance energy transfer (FRET)â€based biosensor for detection of drugâ€induced apoptosis in a 3D breast tumor model. Biotechnology and Bioengineering, 2015, 112, 1673-1682.	3.3	29
16	A high-throughput fluorescence resonance energy transfer (FRET)-based endothelial cell apoptosis assay and its application for screening vascular disrupting agents. Biochemical and Biophysical Research Communications, 2012, 418, 641-646.	2.1	25
17	Tracking mesenchymal stem cell tumor-homing using fluorescent silica nanoparticles. Journal of Materials Chemistry B, 2015, 3, 1245-1253.	5.8	22
18	Non-toxic dose of liposomal honokiol suppresses metastasis of hepatocellular carcinoma through destabilizing EGFR and inhibiting the downstream pathways. Oncotarget, 2017, 8, 915-932.	1.8	22

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19	5-Formylhonokiol exerts anti-angiogenesis activityviainactivating the ERK signaling pathway. Experimental and Molecular Medicine, 2011, 43, 146.	7.7	21
20	Preparative purification of anti-tumor derivatives of honokiol by high-speed counter-current chromatography. Journal of Chromatography A, 2008, 1178, 160-165.	3.7	20
21	High Expression of G6PD Increases Doxorubicin Resistance in Triple Negative Breast Cancer Cells by Maintaining GSH Level. International Journal of Biological Sciences, 2022, 18, 1120-1133.	6.4	20
22	Honokiol inhibits HepG2 migration via downâ€regulation of IQGAP1 expression discovered by a quantitative pharmaceutical proteomic analysis. Proteomics, 2010, 10, 1474-1483.	2.2	17
23	MnSOD mediates shear stress-promoted tumor cell migration and adhesion. Free Radical Biology and Medicine, 2018, 129, 46-58.	2.9	17
24	Rapid identification of antimicrometastases drugs using integrated model systems with two dimensional monolayer, three dimensional spheroids, and zebrafish xenotransplantation tumors. Biotechnology and Bioengineering, 2018, 115, 2828-2843.	3.3	16
25	Micromotor-based localized electroporation and gene transfection of mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
26	Active Particle Based Selective Transport and Release of Cell Organelles and Mechanical Probing of a Single Nucleus. Small, 2020, 16, 1906682.	10.0	15
27	Extracellular Vesicle Directed Exogenous Ion Channel Transport for Precise Manipulation of Biological Events. Bioconjugate Chemistry, 2018, 29, 2715-2722.	3.6	7
28	Correction: Non-toxic dose of liposomal honokiol suppresses metastasis of hepatocellular carcinoma through destabilizing EGFR and inhibiting the downstream pathways. Oncotarget, 2020, 11, 3350-3351.	1.8	1
29	How multi-component cascades operate in cells: lessons from the ubiquitin system-containing liquid-separated condensates. Molecular and Cellular Oncology, 2021, 8, 1989939.	0.7	0