

Aipo Diao

List of Publications by Year in descending order

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32
papers

500
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686830

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h-index

713013

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34
all docs

34
docs citations

34
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1656-1665.	2.4	54
2	Biological fluorination from the sea: discovery of a SAM-dependent nucleophilic fluorinating enzyme from the marine-derived bacterium <i>Streptomyces xinghaiensis</i> NRRL B24674. <i>RSC Advances</i> , 2016, 6, 27047-27051.	1.7	35
3	Marizomib, A Potent Second Generation Proteasome Inhibitor from Natural Origin. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 298-306.	0.9	31
4	Design of an aptamer based fluorescence displacement biosensor for selective and sensitive detection of kanamycin in aqueous samples. <i>RSC Advances</i> , 2017, 7, 38512-38518.	1.7	30
5	TMEPAI inhibits TGF- β 2 signaling by promoting lysosome degradation of TGF- β 2 receptor and contributes to lung cancer development. <i>Cellular Signalling</i> , 2014, 26, 2030-2039.	1.7	29
6	Piperlongumine-induced nuclear translocation of the FOXO3A transcription factor triggers BIM-mediated apoptosis in cancer cells. <i>Biochemical Pharmacology</i> , 2019, 163, 101-110.	2.0	28
7	A reversible metal ion fueled DNA three-way junction molecular device for "turn-on and -off" fluorescence detection of mercury ions (II) and biothiols respectively with high selectivity and sensitivity. <i>Nanoscale</i> , 2015, 7, 18044-18048.	2.8	23
8	Saponin fraction isolated from <i>Conyza blinii</i> H. L. V. demonstrates strong anti-cancer activity that is due to its NF- κ B inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 779-785.	1.0	23
9	Inhibitor of the human telomerase reverse transcriptase (hTERT) gene promoter induces cell apoptosis via a mitochondrial-dependent pathway. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 370-378.	2.6	23
10	Harnessing the affinity of magnetic nanoparticles toward dye-labeled DNA and developing it as an universal aptasensor revealed by lipopolysaccharide detection. <i>Analytica Chimica Acta</i> , 2018, 1036, 107-114.	2.6	21
11	Selection and characterization of a novel affibody peptide and its application in a two-site ELISA for the detection of cancer biomarker alpha-fetoprotein. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 884-892.	3.6	19
12	Quercetin inhibiting the PD-1 interaction for immune-enhancing cancer chemopreventive agent. <i>Phytotherapy Research</i> , 2021, 35, 6441-6451.	2.8	19
13	TMEPAI increases lysosome stability and promotes autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 98-106.	1.2	16
14	Low density lipoprotein receptor class A domain containing 4 (LDLRAD4) promotes tumorigenesis of hepatic cancer cells. <i>Experimental Cell Research</i> , 2017, 360, 189-198.	1.2	16
15	Evaluation of the anti-cancer activity of the triterpenoidal saponin fraction isolated from the traditional Chinese medicine <i>Conyza blinii</i> H. L. V.. <i>RSC Advances</i> , 2017, 7, 3408-3412.	1.7	14
16	A dual-channel detection of mercuric ions using a label free G-quadruplex-based DNAzyme molecule. <i>Analyst</i> , 2016, 141, 3997-4000.	1.7	13
17	Sp1 transcription factor promotes TMEPAI gene expression and contributes to cell proliferation. <i>Cell Proliferation</i> , 2016, 49, 710-719.	2.4	13
18	A triterpenoidal saponin fraction of <i>Conyza blinii</i> H. L. V. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017, 7, 24291-24297.	1.7	13

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19	Caffeine promotes the expression of telomerase reverse transcriptase to regulate cellular senescence and aging. <i>Food and Function</i> , 2021, 12, 2914-2924.	2.1	12
20	Development of active affibody aggregates induced by a self-assembling peptide for high sensitive detection of alpha-fetoprotein. <i>Chemical Engineering Journal</i> , 2022, 436, 135208.	6.6	11
21	Clomiphene citrate induces nuclear translocation of the TFEB transcription factor and triggers apoptosis by enhancing lysosomal membrane permeabilization. <i>Biochemical Pharmacology</i> , 2019, 162, 191-201.	2.0	10
22	Esomeprazole inhibits the lysosomal cysteine protease legumain to prevent cancer metastasis. <i>Investigational New Drugs</i> , 2021, 39, 337-347.	1.2	9
23	Expression and purification of active recombinant human bone morphogenetic 7-2 dimer fusion protein. <i>Protein Expression and Purification</i> , 2015, 115, 61-68.	0.6	8
24	A C-terminally truncated mouse Best3 splice variant targets and alters the ion balance in lysosome-endosome hybrids and the endoplasmic reticulum. <i>Scientific Reports</i> , 2016, 6, 27332.	1.6	7
25	Ubiquitination and dynactin regulate TMEPAI lysosomal trafficking. <i>Scientific Reports</i> , 2017, 7, 42668.	1.6	6
26	Functional recombinant human Legumain protein expression in <i>Pichia pastoris</i> to enable screening for Legumain small molecule inhibitors. <i>Protein Expression and Purification</i> , 2018, 150, 12-16.	0.6	6
27	Screening and production of an affibody inhibiting the interaction of the PD-1/PD-L1 immune checkpoint. <i>Protein Expression and Purification</i> , 2020, 166, 105520.	0.6	4
28	Production of functional recombinant prolyl hydroxylase-2 enzyme in insect cells for small molecule inhibitor screening studies. <i>Protein Expression and Purification</i> , 2022, 194, 106073.	0.6	3
29	2-(2-nitrobenzylidene) indolin-3-one compound inhibits transmembrane prostate androgen-induced protein (<sc>TMEPAI</sc>) expression and cancer cell proliferation. <i>Cell Proliferation</i> , 2018, 51, e12469.	2.4	2
30	Establishment of the Method for Screening Small Molecule Inhibitors Blocking the Interaction Between PD-1 and Its Ligand PD-L1. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 695-703.	0.3	1
31	Production of a novel bispecific protein ULBP1-CD19-scFv targeting the NKG2D receptor and CD19 to promote the activation of NK cells. <i>Protein Expression and Purification</i> , 2021, 178, 105783.	0.6	1
32	Cetrimonium bromide promotes the clearance of lipids by activating the TFEB-mediated autophagosome-lysosome pathway in hepatic cells. <i>Biochemistry and Cell Biology</i> , 2021, 99, 519-526.	0.9	0