

Aipo Diao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

338
citations

12
h-index

17
g-index

34
ext. papers

423
ext. citations

4.7
avg, IF

3.31
L-index

#	Paper	IF	Citations
32	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	14.7	1
31	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	2	0
30	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	7.9	4
29	Production of a novel bispecific protein ULBP1 Δ CD19-scFv targeting the NKG2D receptor and CD19 to promote the activation of NK cells. <i>Protein Expression and Purification</i> , 2021 , 178, 105783	2	1
28	Esomeprazole inhibits the lysosomal cysteine protease legumain to prevent cancer metastasis. <i>Investigational New Drugs</i> , 2021 , 39, 337-347	4.3	1
27	Caffeine promotes the expression of telomerase reverse transcriptase to regulate cellular senescence and aging. <i>Food and Function</i> , 2021 , 12, 2914-2924	6.1	2
26	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	3.6	
25	Quercetin inhibiting the PD-1/PD-L1 interaction for immune-enhancing cancer chemopreventive agent. <i>Phytotherapy Research</i> , 2021 , 35, 6441-6451	6.7	2
24	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	2	2
23	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	5.7	27
22	Piperlongumine-induced nuclear translocation of the FOXO3A transcription factor triggers BIM-mediated apoptosis in cancer cells. <i>Biochemical Pharmacology</i> , 2019 , 163, 101-110	6	19
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	6	6
20	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	6.8	20
19	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	0.2	1
18	2-(2-nitrobenzylidene) indolin-3-one compound inhibits transmembrane prostate androgen-induced protein (TMEPAI) expression and cancer cell proliferation. <i>Cell Proliferation</i> , 2018 , 51, e12469	7.9	2
17	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	2	4
16	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	6.6	17

15	Saponin fraction isolated from <i>Conyza blinii</i> H.L. 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	3.4	19
14	Ubiquitination and dynactin regulate TMEPAI lysosomal trafficking. <i>Scientific Reports</i> , 2017 , 7, 42668	4.9	5
13	A triterpenoidal saponin fraction of <i>Conyza blinii</i> H.L. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017 , 7, 24291-24297	3.7	12
12	Evaluation of the anti-cancer activity of the triterpenoidal saponin fraction isolated from the traditional Chinese medicine <i>Conyza blinii</i> H. L.. <i>RSC Advances</i> , 2017 , 7, 3408-3412	3.7	14
11	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	4.2	11
10	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	3.7	25
9	Sp1 transcription factor promotes TMEPAI gene expression and contributes to cell proliferation. <i>Cell Proliferation</i> , 2016 , 49, 710-719	7.9	11
8	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	4.9	2
7	A dual-channel detection of mercuric ions using a label free G-quadruplex-based DNAzyme molecule. <i>Analyst, The</i> , 2016 , 141, 3997-4000	5	11
6	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	3.7	29
5	TMEPAI increases lysosome stability and promotes autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 76, 98-106	5.6	12
4	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, 18044-8	7.7	22
3	Expression and purification of active recombinant human bone morphogenetic 7-2 dimer fusion protein. <i>Protein Expression and Purification</i> , 2015 , 115, 61-8	2	7
2	Marizomib, a potent second generation proteasome inhibitor from natural origin. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 298-306	2.2	24
1	TMEPAI inhibits TGF- β signaling by promoting lysosome degradation of TGF- β receptor and contributes to lung cancer development. <i>Cellular Signalling</i> , 2014 , 26, 2030-9	4.9	25