

Aipo Diao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5136960/aipo-diao-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | TMEPAI increases lysosome stability and promotes autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 76, 98-106 | 5.6 | 12 |
| 19 | Sp1 transcription factor promotes TMEPAI gene expression and contributes to cell proliferation. <i>Cell Proliferation</i> , 2016 , 49, 710-719 | 7.9 | 11 |
| 18 | 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 |
| 17 | A dual-channel detection of mercuric ions using a label free G-quadruplex-based DNAzyme molecule. <i>Analyst</i> , 2016 , 141, 3997-4000 | 5 | 11 |
| 16 | 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 |

| | | | |
|----|--|------|---|
| 15 | 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 |
| 14 | Ubiquitination and dynactin regulate TMEPAI lysosomal trafficking. <i>Scientific Reports</i> , 2017 , 7, 42668 | 4.9 | 5 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | Production of a novel bispecific protein ULBP1 α 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 |
| 3 | Esomeprazole inhibits the lysosomal cysteine protease legumain to prevent cancer metastasis. <i>Investigational New Drugs</i> , 2021 , 39, 337-347 | 4.3 | 1 |
| 2 | 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 |
| 1 | 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 | |