

Kamyar Hadian

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,267
citations

218677

26
h-index

161849

54
g-index

67
all docs

67
docs citations

67
times ranked

4502
citing authors

#	ARTICLE	IF	CITATIONS
1	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. ACS Central Science, 2020, 6, 41-53.	11.3	551
2	Transferrin Receptor Is a Specific Ferroptosis Marker. Cell Reports, 2020, 30, 3411-3423.e7.	6.4	414
3	Pharmacologic Inhibition of MALT1 Protease by Phenothiazines as a Therapeutic Approach for the Treatment of Aggressive ABC-DLBCL. Cancer Cell, 2012, 22, 825-837.	16.8	216
4	The let-7 target gene mouse lin-41 is a stem cell specific E3 ubiquitin ligase for the miRNA pathway protein Ago2. Nature Cell Biology, 2009, 11, 1411-1420.	10.3	211
5	The E3 Ligase Parkin Maintains Mitochondrial Integrity by Increasing Linear Ubiquitination of NEMO. Molecular Cell, 2013, 49, 908-921.	9.7	183
6	SnapShot: Ferroptosis. Cell, 2020, 181, 1188-1188.e1.	28.9	180
7	NF- κ B Essential Modulator (NEMO) Interaction with Linear and Lys-63 Ubiquitin Chains Contributes to NF- κ B Activation. Journal of Biological Chemistry, 2011, 286, 26107-26117.	3.4	102
8	Identification of Small-Molecule Frequent Hitters from AlphaScreen High-Throughput Screens. Journal of Biomolecular Screening, 2014, 19, 715-726.	2.6	77
9	Dephosphorylation of Carma1 by PP2A negatively regulates T-cell activation. EMBO Journal, 2011, 30, 594-605.	7.8	60
10	Inhibitors of PEX14 disrupt protein import into glycosomes and kill <i>Trypanosoma</i> parasites. Science, 2017, 355, 1416-1420.	12.6	59
11	Signals from the Nucleus: Activation of NF- κ B by Cytosolic ATM in the DNA Damage Response. Science Signaling, 2011, 4, pe2.	3.6	56
12	Targeting TRAF6 E3 ligase activity with a small-molecule inhibitor combats autoimmunity. Journal of Biological Chemistry, 2018, 293, 13191-13203.	3.4	52
13	Image-based high-content screening in drug discovery. Drug Discovery Today, 2020, 25, 1348-1361.	6.4	52
14	Modulation of human endogenous retrovirus (HERV) transcription during persistent and de novo HIV-1 infection. Retrovirology, 2015, 12, 27.	2.0	48
15	YOD1/TRAF6 association balances p62-dependent IL-1 signaling to NF- κ B. ELife, 2017, 6, .	6.0	48
16	Ferroptosis Suppressor Protein 1 (FSP1) and Coenzyme Q ₁₀ Cooperatively Suppress Ferroptosis. Biochemistry, 2020, 59, 637-638.	2.5	45
17	A 3D-microtissue-based phenotypic screening of radiation resistant tumor cells with synchronized chemotherapeutic treatment. BMC Cancer, 2015, 15, 466.	2.6	43
18	Post-surgical adhesions are triggered by calcium-dependent membrane bridges between mesothelial surfaces. Nature Communications, 2020, 11, 3068.	12.8	42

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19	Retinoic acid signaling is critical during the totipotency window in early mammalian development. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 521-532.	8.2	42
20	Identification of a Heterogeneous Nuclear Ribonucleoprotein-recognition Region in the HIV Rev Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 33384-33391.	3.4	37
21	Nuisance compounds in cellular assays. <i>Cell Chemical Biology</i> , 2021, 28, 356-370.	5.2	37
22	Protein-protein interaction modulator drug discovery: past efforts and future opportunities using a rich source of low- and high-throughput screening assays. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 1393-1404.	5.0	36
23	Acriflavine, a clinically approved drug, inhibits SARS-CoV-2 and other betacoronaviruses. <i>Cell Chemical Biology</i> , 2022, 29, 774-784.e8.	5.2	34
24	A high-content small molecule screen identifies novel inducers of definitive endoderm. <i>Molecular Metabolism</i> , 2017, 6, 640-650.	6.5	32
25	The periplasmic E. coli chaperone Skp is a trimer in solution: biophysical and preliminary crystallographic characterization. <i>Biological Chemistry</i> , 2004, 385, 137-43.	2.5	30
26	Three-dimensional microtissues essentially contribute to preclinical validations of therapeutic targets in breast cancer. <i>Cancer Medicine</i> , 2016, 5, 703-710.	2.8	29
27	Reducing Mutant Huntingtin Protein Expression in Living Cells by a Newly Identified RNA CAG Binder. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1399-1408.	3.5	29
28	Machine Learning Classifies Ferroptosis and Apoptosis Cell Death Modalities with TfR1 Immunostaining. <i>ACS Chemical Biology</i> , 2022, 17, 654-660.	3.4	29
29	Analysis of the influence of subcellular localization of the HIV Rev protein on Rev-dependent gene expression by multi-fluorescence live-cell imaging. <i>Experimental Cell Research</i> , 2006, 312, 443-456.	2.6	27
30	Activation of HERV-K(HML-2) disrupts cortical patterning and neuronal differentiation by increasing NTRK3. <i>Cell Stem Cell</i> , 2021, 28, 1566-1581.e8.	11.1	27
31	Inhibition of Canonical NF- κ B Signaling by a Small Molecule Targeting NEMO-Ubiquitin Interaction. <i>Scientific Reports</i> , 2016, 6, 18934.	3.3	26
32	A roadmap to creating ferroptosis-based medicines. <i>Nature Chemical Biology</i> , 2021, 17, 1113-1116.	8.0	25
33	Control of HIV replication in astrocytes by a family of highly conserved host proteins with a common Rev-interacting domain (Risp). <i>Aids</i> , 2010, 24, 2433-2442.	2.2	24
34	Inhibition of CPAP-tubulin interaction prevents proliferation of centrosome-amplified cancer cells. <i>EMBO Journal</i> , 2019, 38, .	7.8	24
35	Cilium induction triggers differentiation of glioma stem cells. <i>Cell Reports</i> , 2021, 36, 109656.	6.4	24
36	Identification of phenothiazine derivatives as UHM-binding inhibitors of early spliceosome assembly. <i>Nature Communications</i> , 2020, 11, 5621.	12.8	20

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37	Viral DNA Binding Protein SUMOylation Promotes PML Nuclear Body Localization Next to Viral Replication Centers. <i>MBio</i> , 2020, 11, .	4.1	20
38	Luciferase Advisor: High-Accuracy Model To Flag False Positive Hits in Luciferase HTS Assays. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 933-942.	5.4	19
39	Mitochondrial Alkbh1 localises to mtRNA granules and its knockdown induces mitochondrial UPR in humans and <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2019, 132, .	2.0	19
40	A Multiplexed High-Content Screening Approach Using the Chromobody Technology to Identify Cell Cycle Modulators in Living Cells. <i>Journal of Biomolecular Screening</i> , 2016, 21, 965-977.	2.6	18
41	Sox2 controls Schwann cell self-organization through fibronectin fibrillogenesis. <i>Scientific Reports</i> , 2020, 10, 1984.	3.3	18
42	E1B-55K-Mediated Regulation of RNF4 SUMO-Targeted Ubiquitin Ligase Promotes Human Adenovirus Gene Expression. <i>Journal of Virology</i> , 2018, 92, .	3.4	17
43	Novel small molecules targeting ciliary transport of Smoothed and oncogenic Hedgehog pathway activation. <i>Scientific Reports</i> , 2016, 6, 22540.	3.3	16
44	Identification of Small-Molecule Frequent Hitters of Glutathione S-Transferase-Glutathione Interaction. <i>Journal of Biomolecular Screening</i> , 2016, 21, 596-607.	2.6	16
45	New Small Molecules Targeting Apoptosis and Cell Viability in Osteosarcoma. <i>PLoS ONE</i> , 2015, 10, e0129058.	2.5	15
46	Phenotypic drug screening in a human fibrosis model identified a novel class of antifibrotic therapeutics. <i>Science Advances</i> , 2021, 7, eabb3673.	10.3	15
47	Heterogenous nuclear ribonucleoprotein Q increases protein expression from HIV-1 Rev-dependent transcripts. <i>Virology Journal</i> , 2013, 10, 151.	3.4	13
48	Structure-Activity Relationship in Pyrazolo[4,3-c]pyridines, First Inhibitors of PEX14-Protein-Protein Interaction with Trypanocidal Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 847-879.	6.4	13
49	Brief Guide: Experimental Strategies for High-Quality Hit Selection from Small-Molecule Screening Campaigns. <i>SLAS Discovery</i> , 2021, 26, 851-854.	2.7	13
50	An in vivo high-throughput screening for riboswitch ligands using a reverse reporter gene system. <i>Scientific Reports</i> , 2017, 7, 7732.	3.3	12
51	Combination therapies induce cancer cell death through the integrated stress response and disturbed pyrimidine metabolism. <i>EMBO Molecular Medicine</i> , 2021, 13, e12461.	6.9	12
52	A drug screen with approved compounds identifies amlexanox as a novel Wnt/ β -catenin activator inducing lung epithelial organoid formation. <i>British Journal of Pharmacology</i> , 2021, 178, 4026-4041.	5.4	10
53	Ubiquitin Conjugation and Deconjugation in NF- κ B Signaling. <i>Sub-Cellular Biochemistry</i> , 2010, 54, 88-99.	2.4	10
54	Live-cell assay for simultaneous monitoring of expression and interaction of proteins. <i>BioTechniques</i> , 2006, 41, 688-692.	1.8	8

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55	A High-Throughput Screening Strategy for Development of RNF8-Ubc13 Protein-Protein Interaction Inhibitors. <i>SLAS Discovery</i> , 2017, 22, 316-323.	2.7	8
56	Small molecule Screening at Helmholtz Zentrum München - From Biology to Molecules. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 266-271.	1.1	5
57	Development of A Cell-Based Assay to Identify Small Molecule Inhibitors of FGF23 Signaling. <i>Assay and Drug Development Technologies</i> , 2015, 13, 476-487.	1.2	4
58	A high-content screen for small-molecule regulators of epithelial cell-adhesion molecule (EPCAM) cleavage yields a robust inhibitor. <i>Journal of Biological Chemistry</i> , 2018, 293, 8994-9005.	3.4	3
59	In Vitro Detection of NEMO-Ubiquitin Binding Using DELFIA and Microscale Thermophoresis Assays. <i>Methods in Molecular Biology</i> , 2015, 1280, 311-320.	0.9	2
60	Vaccination versus SARS-CoV-2 Omicron: three vaccine doses win the battle. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 140.	17.1	2
61	Highly Accurate Filters to Flag Frequent Hitters in AlphaScreen Assays by Suggesting their Mechanism. <i>Molecular Informatics</i> , 2021, , 2100151.	2.5	1
62	Inhalational Anesthetics Do Not Deteriorate Amyloid- β -Derived Pathophysiology in Alzheimer's Disease: Investigations on the Molecular, Neuronal, and Behavioral Level. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1193-1218.	2.6	1
63	Studying OTUD6B-OTUB1 Protein-Protein Interaction by Low-Throughput GFP-Trap Assays and High-Throughput AlphaScreen Assays. <i>Methods in Molecular Biology</i> , 2021, 2261, 381-394.	0.9	0
64	Methods to Detect Small Molecule Inhibition of RING E3 Ligase Activity. <i>Current Protocols</i> , 2022, 2, e414.	2.9	0