Kamyar Hadian

List of Publications by Year
in descending order

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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	Acriflavine, a clinically approved drug, inhibits SARS-CoV-2 and other betacoronaviruses. Cell Chemical Biology, 2022, 29, 774-784.e8.	5.2	34
2	Machine Learning Classifies Ferroptosis and Apoptosis Cell Death Modalities with TfR1 Immunostaining. ACS Chemical Biology, 2022, 17, 654-660.	3.4	29
3	Methods to Detect Small Molecule Inhibition of RING E3 Ligase Activity. Current Protocols, 2022, 2, e414.	2.9	0
4	Vaccination versus SARS-CoV-2 Omicron: three vaccine doses win the battle. Signal Transduction and Targeted Therapy, 2022, 7, 140.	17.1	2
5	Studying OTUD6B-OTUB1 Proteinâ€“Protein Interaction by Low-Throughput GFP-Trap Assays and High-Throughput AlphaScreen Assays. Methods in Molecular Biology, 2021, 2261, 381-394.	0.9	0
6	Nuisance compounds in cellular assays. Cell Chemical Biology, 2021, 28, 356-370.	5.2	37
7	Combination therapies induce cancer cell death through the integrated stress response and disturbed pyrimidine metabolism. EMBO Molecular Medicine, 2021, 13, e12461.	6.9	12
8	Brief Guide: Experimental Strategies for High-Quality Hit Selection from Small-Molecule Screening Campaigns. SLAS Discovery, 2021, 26, 851-854.	2.7	13
9	Retinoic acid signaling is critical during the totipotency window in early mammalian development. Nature Structural and Molecular Biology, 2021, 28, 521-532.	8.2	42
10	A drug screen with approved compounds identifies amlexanox as a novel Wnt/Î²â€catenin activator inducing lung epithelial organoid formation. British Journal of Pharmacology, 2021, 178, 4026-4041.	5.4	10
11	Activation of HERV-K(HML-2) disrupts cortical patterning and neuronal differentiation by increasing NTRK3. Cell Stem Cell, 2021, 28, 1566-1581.e8.	11.1	27
12	Cilium induction triggers differentiation of glioma stem cells. Cell Reports, 2021, 36, 109656.	6.4	24
13	A roadmap to creating ferroptosis-based medicines. Nature Chemical Biology, 2021, 17, 1113-1116.	8.0	25
14	Highly Accurate Filters to Flag Frequent Hitters in AlphaScreen Assays by Suggesting their Mechanism. Molecular Informatics, 2021, , 2100151.	2.5	1
15	Inhalational Anesthetics Do Not Deteriorate Amyloid-Î²-Derived Pathophysiology in Alzheimerâ€™s Disease: Investigations on the Molecular, Neuronal, and Behavioral Level. Journal of Alzheimer's Disease, 2021, 84, 1193-1218.	2.6	1
16	Phenotypic drug screening in a human fibrosis model identified a novel class of antifibrotic therapeutics. Science Advances, 2021, 7, eabb3673.	10.3	15
17	Structureâ€“Activity Relationship in Pyrazolo[4,3-c]pyridines, First Inhibitors of PEX14â€“PEX5 Proteinâ€“Protein Interaction with Trypanocidal Activity. Journal of Medicinal Chemistry, 2020, 63, 847-879.	6.4	13
18	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. ACS Central Science, 2020, 6, 41-53.	11.3	551

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19	Identification of phenothiazine derivatives as UHM-binding inhibitors of early spliceosome assembly. Nature Communications, 2020, 11, 5621.	12.8	20
20	Image-based high-content screening in drug discovery. Drug Discovery Today, 2020, 25, 1348-1361.	6.4	52
21	Post-surgical adhesions are triggered by calcium-dependent membrane bridges between mesothelial surfaces. Nature Communications, 2020, 11, 3068.	12.8	42
22	Transferrin Receptor Is a Specific Ferroptosis Marker. Cell Reports, 2020, 30, 3411-3423.e7.	6.4	414
23	Viral DNA Binding Protein SUMOylation Promotes PML Nuclear Body Localization Next to Viral Replication Centers. MBio, 2020, 11, .	4.1	20
24	SnapShot: Ferroptosis. Cell, 2020, 181, 1188-1188.e1.	28.9	180
25	Ferroptosis Suppressor Protein 1 (FSP1) and Coenzyme Q₁₀ Cooperatively Suppress Ferroptosis. Biochemistry, 2020, 59, 637-638.	2.5	45
26	Sox2 controls Schwann cell self-organization through fibronectin fibrillogenesis. Scientific Reports, 2020, 10, 1984.	3.3	18
27	Mitochondrial Alkbh1 localises to mtRNA granules and its knockdown induces mitochondrial UPR in humans and C. elegans. Journal of Cell Science, 2019, 132, .	2.0	19
28	Inhibition of <scp>CPAP</scp> â€“tubulin interaction prevents proliferation of centrosomeâ€amplified cancer cells. EMBO Journal, 2019, 38, .	7.8	24
29	Reducing Mutant Huntingtin Protein Expression in Living Cells by a Newly Identified RNA CAG Binder. ACS Chemical Neuroscience, 2018, 9, 1399-1408.	3.5	29
30	Luciferase Advisor: High-Accuracy Model To Flag False Positive Hits in Luciferase HTS Assays. Journal of Chemical Information and Modeling, 2018, 58, 933-942.	5.4	19
31	A high-content screen for small-molecule regulators of epithelial cell-adhesion molecule (EpCAM) cleavage yields a robust inhibitor. Journal of Biological Chemistry, 2018, 293, 8994-9005.	3.4	3
32	E1B-55K-Mediated Regulation of RNF4 SUMO-Targeted Ubiquitin Ligase Promotes Human Adenovirus Gene Expression. Journal of Virology, 2018, 92, .	3.4	17
33	Targeting TRAF6 E3 ligase activity with a small-molecule inhibitor combats autoimmunity. Journal of Biological Chemistry, 2018, 293, 13191-13203.	3.4	52
34	A High-Throughput Screening Strategy for Development of RNF8-Ubc13 Proteinâ€“Protein Interaction Inhibitors. SLAS Discovery, 2017, 22, 316-323.	2.7	8
35	Inhibitors of PEX14 disrupt protein import into glycosomes and kill Trypanosoma parasites. Science, 2017, 355, 1416-1420.	12.6	59
36	An in vivo high-throughput screening for riboswitch ligands using a reverse reporter gene system. Scientific Reports, 2017, 7, 7732.	3.3	12

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37	A high-content small molecule screen identifies novel inducers of definitive endoderm. Molecular Metabolism, 2017, 6, 640-650.	6.5	32
38	YOD1/TRAF6 association balances p62-dependent IL-1 signaling to NF-Î²B. ELife, 2017, 6, .	6.0	48
39	Novel small molecules targeting ciliary transport of Smoothened and oncogenic Hedgehog pathway activation. Scientific Reports, 2016, 6, 22540.	3.3	16
40	Inhibition of Canonical NF-Î²B Signaling by a Small Molecule Targeting NEMO-Ubiquitin Interaction. Scientific Reports, 2016, 6, 18934.	3.3	26
41	A Multiplexed High-Content Screening Approach Using the Chromobody Technology to Identify Cell Cycle Modulators in Living Cells. Journal of Biomolecular Screening, 2016, 21, 965-977.	2.6	18
42	Identification of Small-Molecule Frequent Hitters of Glutathione S-Transferaseâ€“Glutathione Interaction. Journal of Biomolecular Screening, 2016, 21, 596-607.	2.6	16
43	Threeâ€dimensional microtissues essentially contribute to preclinical validations of therapeutic targets in breast cancer. Cancer Medicine, 2016, 5, 703-710.	2.8	29
44	In Vitro Detection of NEMOâ€“Ubiquitin Binding Using DELFIA and Microscale Thermophoresis Assays. Methods in Molecular Biology, 2015, 1280, 311-320.	0.9	2
45	A 3D-microtissue-based phenotypic screening of radiation resistant tumor cells with synchronized chemotherapeutic treatment. BMC Cancer, 2015, 15, 466.	2.6	43
46	Modulation of human endogenous retrovirus (HERV) transcription during persistent and de novo HIV-1 infection. Retrovirology, 2015, 12, 27.	2.0	48
47	Development of A Cell-Based Assay to Identify Small Molecule Inhibitors of FGF23 Signaling. Assay and Drug Development Technologies, 2015, 13, 476-487.	1.2	4
48	New Small Molecules Targeting Apoptosis and Cell Viability in Osteosarcoma. PLoS ONE, 2015, 10, e0129058.	2.5	15
49	Proteinâ€“protein interaction modulator drug discovery: past efforts and future opportunities using a rich source of low- and high-throughput screening assays. Expert Opinion on Drug Discovery, 2014, 9, 1393-1404.	5.0	36
50	Identification of Small-Molecule Frequent Hitters from AlphaScreen High-Throughput Screens. Journal of Biomolecular Screening, 2014, 19, 715-726.	2.6	77
51	Small molecule Screening at Helmholtz Zentrum MÃ¼nchen â€“ From Biology to Molecules. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 266-271.	1.1	5
52	Heterogenous nuclear ribonucleoprotein Q increases protein expression from HIV-1 Rev-dependent transcripts. Virology Journal, 2013, 10, 151.	3.4	13
53	The E3 Ligase Parkin Maintains Mitochondrial Integrity by Increasing Linear Ubiquitination of NEMO. Molecular Cell, 2013, 49, 908-921.	9.7	183
54	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

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55	Dephosphorylation of Carma1 by PP2A negatively regulates T-cell activation. EMBO Journal, 2011, 30, 594-605.	7.8	60
56	NF-ÎºB Essential Modulator (NEMO) Interaction with Linear and Lys-63 Ubiquitin Chains Contributes to NF-ÎºB Activation. Journal of Biological Chemistry, 2011, 286, 26107-26117.	3.4	102
57	Signals from the Nucleus: Activation of NF-ÎºB by Cytosolic ATM in the DNA Damage Response. Science Signaling, 2011, 4, pe2.	3.6	56
58	Control of HIV replication in astrocytes by a family of highly conserved host proteins with a common Rev-interacting domain (Risp). Aids, 2010, 24, 2433-2442.	2.2	24
59	Ubiquitin Conjugation and Deconjugation in NF-ÎºB Signaling. Sub-Cellular Biochemistry, 2010, 54, 88-99.	2.4	10
60	Identification of a Heterogeneous Nuclear Ribonucleoprotein-recognition Region in the HIV Rev Protein. Journal of Biological Chemistry, 2009, 284, 33384-33391.	3.4	37
61	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
62	Analysis of the influence of subcellular localization of the HIV Rev protein on Rev-dependent gene expression by multi-fluorescence live-cell imaging. Experimental Cell Research, 2006, 312, 443-456.	2.6	27
63	Live-cell assay for simultaneous monitoring of expression and interaction of proteins. BioTechniques, 2006, 41, 688-692.	1.8	8
64	The periplasmic E. coli chaperone Skp is a trimer in solution: biophysical and preliminary crystallographic characterization. Biological Chemistry, 2004, 385, 137-43.	2.5	30