Haian Fu

List of Publications by Year
in descending order

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85 papers	4,866 citations	159585 30 h-index	98798 67 g-index
91 all docs	91 docs citations	91 times ranked	7809 citing authors

#	Article	IF	Citations
1	14-3-3 Proteins: Structure, Function, and Regulation. Annual Review of Pharmacology and Toxicology, 2000, 40, 617-647.	9.4	1,427
2	Targeting proteinâ€“protein interactions as an anticancer strategy. Trends in Pharmacological Sciences, 2013, 34, 393-400.	8.7	307
3	Isolation of High-Affinity Peptide Antagonists of 14-3-3 Proteins by Phage Displayâ€. Biochemistry, 1999, 38, 12499-12504.	2.5	279
4	The OncoPPi network of cancer-focused proteinâ€“protein interactions to inform biological insights and therapeutic strategies. Nature Communications, 2017, 8, 14356.	12.8	151
5	How Does Arrestin Assemble MAPKs into a Signaling Complex?. Journal of Biological Chemistry, 2009, 284, 685-695.	3.4	148
6	Interaction of 14-3-3 with a Nonphosphorylated Protein Ligand, Exoenzyme S of Pseudomonas aeruginosa. Biochemistry, 1999, 38, 5216-5221.	2.5	143
7	Down-regulation of 14-3-3Î¶ suppresses anchorage-independent growth of lung cancer cells through anoikis activation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 162-167.	7.1	137
8	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
9	Dual gene activation and knockout screen reveals directional dependencies in genetic networks. Nature Biotechnology, 2018, 36, 170-178.	17.5	120
10	Platycodin-D Induced Autophagy in Non-Small Cell Lung Cancer Cells via PI3K/Akt/mTOR and MAPK Signaling Pathways. Journal of Cancer, 2015, 6, 623-631.	2.5	107
11	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14740.	12.8	96
12	Characterization of a Linked Jumonji Domain of the KDM5/JARID1 Family of Histone H3 Lysine 4 Demethylases. Journal of Biological Chemistry, 2016, 291, 2631-2646.	3.4	95
13	YAP1 Expression in SCLC Defines a Distinct Subtype With T-cellâ€“Inflamed Phenotype. Journal of Thoracic Oncology, 2021, 16, 464-476.	1.1	93
14	Structural Basis for KDM5A Histone Lysine Demethylase Inhibition by Diverse Compounds. Cell Chemical Biology, 2016, 23, 769-781.	5.2	80
15	A CRISPR/Cas9-Engineered ARID1A-Deficient Human Gastric Cancer Organoid Model Reveals Essential and Nonessential Modes of Oncogenic Transformation. Cancer Discovery, 2021, 11, 1562-1581.	9.4	75
16	Stress Induces p38 MAPK-Mediated Phosphorylation and Inhibition of Drosha-Dependent Cell Survival. Molecular Cell, 2015, 57, 721-734.	9.7	72
17	Discovery of Dual Inhibitors of MDM2 and XIAP for Cancer Treatment. Cancer Cell, 2016, 30, 623-636.	16.8	68
18	Subpopulation targeting of pyruvate dehydrogenase and GLUT1 decouples metabolic heterogeneity during collective cancer cell invasion. Nature Communications, 2020, 11, 1533.	12.8	65

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19	Glycyrrhetinic acid induces G1-phase cell cycle arrest in human non-small cell lung cancer cells through endoplasmic reticulum stress pathway. International Journal of Oncology, 2015, 46, 981-988.	3.3	64
20	Development of a miniaturized 3D organoid culture platform for ultra-high-throughput screening. Journal of Molecular Cell Biology, 2020, 12, 630-643.	3.3	61
21	Nuclear PRAS40 couples the Akt/mTORC1 signaling axis to the RPL11-HDM2-p53 nucleolar stress response pathway. Oncogene, 2015, 34, 1487-1498.	5.9	49
22	Acetylation regulates ribonucleotide reductase activity and cancer cell growth. Nature Communications, 2019, 10, 3213.	12.8	49
23	Autophagy and Apoptosis in Hepatocellular Carcinoma Induced by EF25-(GSH)2: A Novel Curcumin Analog. PLoS ONE, 2014, 9, e107876.	2.5	43
24	Cables1 controls p21/Cip1 protein stability by antagonizing proteasome subunit alpha type 3. Oncogene, 2015, 34, 2538-2545.	5.9	42
25	The OncoPPi Portal: an integrative resource to explore and prioritize proteinâ€“protein interactions for cancer target discovery. Bioinformatics, 2018, 34, 1183-1191.	4.1	41
26	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. Nature Communications, 2020, 11, 2758.	12.8	40
27	14-3-3 Protein Interacts with Huntingtin-associated Protein 1 and Regulates Its Trafficking. Journal of Biological Chemistry, 2007, 282, 4748-4756.	3.4	37
28	Targeting adhesion signaling in KRAS, LKB1 mutant lung adenocarcinoma. JCI Insight, 2017, 2, e90487.	5.0	36
29	Cables1 Complex Couples Survival Signaling to the Cell Death Machinery. Cancer Research, 2015, 75, 147-158.	0.9	35
30	Ophiopogonin B induces apoptosis, mitotic catastrophe and autophagy in A549 cells. International Journal of Oncology, 2016, 49, 316-324.	3.3	35
31	In vivo screening identifies GATAD2B as a metastasis driver in KRAS-driven lung cancer. Nature Communications, 2018, 9, 2732.	12.8	33
32	HTiP: High-Throughput Immunomodulator Phenotypic Screening Platform to Reveal IAP Antagonists as Anti-cancer Immune Enhancers. Cell Chemical Biology, 2019, 26, 331-339.e3.	5.2	33
33	BAP1 induces cell death via interaction with 14-3-3 in neuroblastoma. Cell Death and Disease, 2018, 9, 458.	6.3	30
34	OncoPPi-informed discovery of mitogen-activated protein kinase kinase 3 as a novel binding partner of c-Myc. Oncogene, 2017, 36, 5852-5860.	5.9	28
35	A Time-Resolved Fluorescence Resonance Energy Transfer Assay for High-Throughput Screening of 14-3-3 Proteinâ€“Protein Interaction Inhibitors. Assay and Drug Development Technologies, 2013, 11, 367-381.	1.2	27
36	Enabling systematic interrogation of proteinâ€“protein interactions in live cells with a versatile ultra-high-throughput biosensor platform. Journal of Molecular Cell Biology, 2016, 8, 271-281.	3.3	27

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37	AKT1, LKB1, and YAP1 Revealed as MYC Interactors with NanoLuc-Based Protein-Fragment Complementation Assay. Molecular Pharmacology, 2017, 91, 339-347.	2.3	27
38	LKB1 kinase-dependent and -independent defects disrupt polarity and adhesion signaling to drive collagen remodeling during invasion. Molecular Biology of the Cell, 2016, 27, 1069-1084.	2.1	26
39	2-Deoxyglucose Suppresses ERK Phosphorylation in LKB1 and Ras Wild-Type Non-Small Cell Lung Cancer Cells. PLoS ONE, 2016, 11, e0168793.	2.5	24
40	Polyethylene-glycol-coated gold nanoparticles improve cardiac function after myocardial infarction in mice. Canadian Journal of Physiology and Pharmacology, 2018, 96, 1318-1327.	1.4	23
41	A Translational, Pharmacodynamic, and Pharmacokinetic Phase IB Clinical Study of Everolimus in Resectable Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2015, 21, 1859-1868.	7.0	22
42	BRET: NanoLuc-Based Bioluminescence Resonance Energy Transfer Platform to Monitor Protein-Protein Interactions in Live Cells. Methods in Molecular Biology, 2016, 1439, 263-271.	0.9	21
43	Pharmacological inhibition of noncanonical EED-EZH2 signaling overcomes chemoresistance in prostate cancer. Theranostics, 2021, 11, 6873-6890.	10.0	21
44	PRAS40 promotes NF-ÎºB transcriptional activity through association with p65. Oncogenesis, 2017, 6, e381-e381.	4.9	21
45	Co-amplification of phosphoinositide 3-kinase enhancer A and cyclin-dependent kinase 4 triggers glioblastoma progression. Oncogene, 2017, 36, 4562-4572.	5.9	20
46	Functional and molecular effects of TNF-Î± on human iPSC-derived cardiomyocytes. Stem Cell Research, 2021, 52, 102218.	0.7	20
47	Aurora kinase A interacts with H-Ras and potentiates Ras-MAPK signaling. Oncotarget, 2017, 8, 28359-28372.	1.8	20
48	Ophiopogonin B suppresses the metastasis and angiogenesis of A549 cells inï¿½vitro and inï¿½vivo by inhibiting the EphA2/Akt signaling pathway. Oncology Reports, 2018, 40, 1339-1347.	2.6	19
49	Repositioning Dopamine D2 Receptor Agonist Bromocriptine to Enhance Docetaxel Chemotherapy and Treat Bone Metastatic Prostate Cancer. Molecular Cancer Therapeutics, 2018, 17, 1859-1870.	4.1	19
50	High expression of MKK3 is associated with worse clinical outcomes in African American breast cancer patients. Journal of Translational Medicine, 2020, 18, 334.	4.4	19
51	Hypomorph mutation-directed small-molecule protein-protein interaction inducers to restore mutant SMAD4-suppressed TGF-Î² signaling. Cell Chemical Biology, 2021, 28, 636-647.e5.	5.2	18
52	A Dual-Readout F²Assay That Combines Fluorescence Resonance Energy Transfer and Fluorescence Polarization for Monitoring Bimolecular Interactions. Assay and Drug Development Technologies, 2011, 9, 382-393.	1.2	17
53	Transcriptional Regulation of YWHAZ, the Gene Encoding 14-3-3Î¶. PLoS ONE, 2014, 9, e93480.	2.5	17
54	Trifunctional High-Throughput Screen Identifies Promising Scaffold To Inhibit Grp94 and Treat Myocilin-Associated Glaucoma. ACS Chemical Biology, 2018, 13, 933-941.	3.4	17

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55	Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. Cell, 2022, 185, 1974-1985.e12.	28.9	17
56	Melphalan induces cardiotoxicity through oxidative stress in cardiomyocytes derived from human induced pluripotent stem cells. Stem Cell Research and Therapy, 2020, 11, 470.	5.5	14
57	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. Scientific Reports, 2018, 8, 10210.	3.3	13
58	Downregulation of urea transporter UT-A1 activity by 14-3-3 protein. American Journal of Physiology - Renal Physiology, 2015, 309, F71-F78.	2.7	12
59	Development of a Time-Resolved Fluorescence Resonance Energy Transfer Ultrahigh-Throughput Screening Assay for Targeting the NSD3 and MYC Interaction. Assay and Drug Development Technologies, 2018, 16, 96-106.	1.2	12
60	Identification of higenamine as a novel Î±₁â€adrenergic receptor antagonist. Phytotherapy Research, 2019, 33, 708-717.	5.8	12
61	Down-regulation of 14-3-3zeta reduces proliferation and increases apoptosis in human glioblastoma. Cancer Gene Therapy, 2020, 27, 399-411.	4.6	12
62	Combination of heat shock protein 90 and focal adhesion kinase inhibitors synergistically inhibits the growth of non-small cell lung cancer cells. Oncoscience, 2015, 2, 765-776.	2.2	12
63	Study on Inhibitory Effect of MaiMenDong Decoction and Weijing Decoction Combination with Cisplatin on NCI-A549 Xenograft in Nude Mice and Its Mechanism. Journal of Cancer, 2017, 8, 2449-2455.	2.5	10
64	Large tumor suppressor 2, LATS2, activates JNK in a kinase-independent mechanism through ASK1. Journal of Molecular Cell Biology, 2018, 10, 549-558.	3.3	9
65	NSD3S stabilizes MYC through hindering its interaction with FBXW7. Journal of Molecular Cell Biology, 2020, 12, 438-447.	3.3	8
66	Discovery of the first chemical tools to regulate MKK3-mediated MYC activation in cancer. Bioorganic and Medicinal Chemistry, 2021, 45, 116324.	3.0	8
67	Regulation of ASK1 signaling by scaffold and adaptor proteins. Advances in Biological Regulation, 2017, 66, 23-30.	2.3	7
68	A phase I and pharmacokinetic study of multiple schedules of ganetespib (STA-9090), a heat shock protein 90 inhibitor, in combination with docetaxel for subjects with advanced solid tumor malignancies.. Journal of Clinical Oncology, 2012, 30, 3094-3094.	1.6	7
69	LKB1 promotes cell survival by modulating TIF-IA-mediated pre-ribosomal RNA synthesis under uridine downregulated conditions. Oncotarget, 2016, 7, 2519-2531.	1.8	7
70	Screening and Functional Profiling of Small-Molecule HIV-1 Entry and Fusion Inhibitors. Assay and Drug Development Technologies, 2017, 15, 53-63.	1.2	6
71	A time-resolved fluorescence resonance energy transfer screening assay for discovery of protein-protein interaction modulators. STAR Protocols, 2021, 2, 100804.	1.2	4
72	The Emory Chemical Biology Discovery Center: Leveraging Academic Innovation to Advance Novel Targets through HTS and Beyond. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 290-296.	1.1	4

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73	Acquisition of taxane resistance by p53 inactivation in ovarian cancer cells. Acta Pharmacologica Sinica, 2022, , .	6.1	4
74	14-3-3Î³, a novel regulator of the large-conductance Ca²⁺-activated K⁺ channel. American Journal of Physiology - Renal Physiology, 2020, 319, F52-F62.	2.7	3
75	Online informatics resources to facilitate cancer target and chemical probe discovery. RSC Medicinal Chemistry, 2020, 11, 611-624.	3.9	3
76	Reply to RÃ¶glin et al.: Synchrotron radiation-induced covalent modification of 14-3-3Î¶ by diazene compounds containing pyridoxal phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, .	7.1	2
77	Prosurvival Function of 14-3-3 Proteins. Biochemical Society Transactions, 2002, 30, A62-A62.	3.4	0
78	THER-17. BRAF-V600E DEGRADATION AS A THERAPEUTIC STRATEGY IN BRAF-V600E MUTANT GLIOMAS. Neuro-Oncology, 2019, 21, ii117-ii117.	1.2	0
79	14-3-3 Integrates Pro-Survival Signals in Hematopoietic Cells Transformed by Diverse Leukemogenic Tyrosine Kinases, and Represents a Common Target.. Blood, 2006, 108, 1138-1138.	1.4	0
80	The recurring AGCT motif in S region DNA specifically recruits 14â€3â€3 adaptor proteins that are critical for the unfolding of CSR. FASEB Journal, 2008, 22, 849.9.	0.5	0
81	Identification of the 14â€3â€3/HIPâ€55 protein complex as a negative regulator of HPK1 in the Akt signaling. FASEB Journal, 2009, 23, 581.3.	0.5	0
82	Genomic Stability: A Novel Function of NF-Kb in Lymphomas.. Blood, 2009, 114, 3240-3240.	1.4	0
83	Monitoring GTPCHâ€1 Interaction with GFRP Using Timeâ€Resolved Fluorescence Resonance Energy Transfer. FASEB Journal, 2010, 24, 871.3.	0.5	0
84	Screening of novel small molecule inhibitors of NFâ€ÎºB activation in lung cancer. FASEB Journal, 2013, 27, lb581.	0.5	0
85	Connecting Cell Death and Survival Pathways via the ASK1/IKKÎ² Interaction. FASEB Journal, 2015, 29, 934.5.	0.5	0