Yuhong Du

List of Publications by Year
in descending order

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76	3,011	147801	175258
papers	citations	31 h-index	52 g-index

82	82	82	5182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversing chemoresistance by small molecule inhibition of the translation initiation complex eIF4F. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1046-1051.	7.1	153
2	Inhibition of Ĩº B Kinase-Nuclear Factor-Îº B Signaling Pathway by 3,5-Bis(2-flurobenzylidene)piperidin-4-one (EF24), a Novel Monoketone Analog of Curcumin. Molecular Pharmacology, 2008, 74, 654-661.	2.3	151
3	The OncoPPi network of cancer-focused proteinâ€“protein interactions to inform biological insights and therapeutic strategies. Nature Communications, 2017, 8, 14356.	12.8	151
4	14-3-3 proteins as potential therapeutic targets. Seminars in Cell and Developmental Biology, 2011, 22, 705-712.	5.0	140
5	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
6	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
7	Synthesis and Identification of New 4-Arylidene Curcumin Analogues as Potential Anticancer Agents Targeting Nuclear Factor-Îº B Signaling Pathway. Journal of Medicinal Chemistry, 2010, 53, 8260-8273.	6.4	99
8	Small molecule antagonist reveals seizure-induced mediation of neuronal injury by prostaglandin E2 receptor subtype EP2. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3149-3154.	7.1	96
9	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14740.	12.8	96
10	Blocking eIF4E-eIF4G Interaction as a Strategy To Impair Coronavirus Replication. Journal of Virology, 2011, 85, 6381-6389.	3.4	93
11	Discovery and structural characterization of a small molecule 14-3-3 protein-protein interaction inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16212-16216.	7.1	93
12	Neuroprotection by selective allosteric potentiators of the EP2 prostaglandin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2307-2312.	7.1	79
13	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
14	Stress Induces p38 MAPK-Mediated Phosphorylation and Inhibition of Drosha-Dependent Cell Survival. Molecular Cell, 2015, 57, 721-734.	9.7	72
15	Discovery of Dual Inhibitors of MDM2 and XIAP for Cancer Treatment. Cancer Cell, 2016, 30, 623-636.	16.8	68
16	Akt and 14-3-3 Control a PACS-2 Homeostatic Switch that Integrates Membrane Traffic with TRAIL-Induced Apoptosis. Molecular Cell, 2009, 34, 497-509.	9.7	61
17	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
18	Nonnucleoside Inhibitor of Measles Virus RNA-Dependent RNA Polymerase Complex Activity. Antimicrobial Agents and Chemotherapy, 2007, 51, 2293-2303.	3.2	48

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19	Activation of the p38 pathway by a novel monoketone curcumin analog, EF24, suggests a potential combination strategy. Biochemical Pharmacology, 2010, 80, 1309-1316.	4.4	48
20	A Set of Time-Resolved Fluorescence Resonance Energy Transfer Assays for the Discovery of Inhibitors of Estrogen Receptor-Coactivator Binding. Journal of Biomolecular Screening, 2009, 14, 181-193.	2.6	47
21	Design and biological characterization of hybrid compounds of curcumin and thalidomide for multiple myeloma. Organic and Biomolecular Chemistry, 2013, 11, 4757.	2.8	47
22	High-Throughput Screening Fluorescence Polarization Assay for Tumor-Specific Hsp90. Journal of Biomolecular Screening, 2007, 12, 915-924.	2.6	46
23	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
24	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. Nature Communications, 2020, 11, 2758.	12.8	40
25	Photic Regulation of Arylalkylamine N-Acetyltransferase Binding to 14-3-3 Proteins in Retinal Photoreceptor Cells. Journal of Neuroscience, 2006, 26, 9153-9161.	3.6	39
26	Discovery of a dual inhibitor of NQO1 and GSTP1 for treating glioblastoma. Journal of Hematology and Oncology, 2020, 13, 141.	17.0	36
27	Monitoring 14-3-3 Protein Interactions with a Homogeneous Fluorescence Polarization Assay. Journal of Biomolecular Screening, 2006, 11, 269-276.	2.6	35
28	Cables1 Complex Couples Survival Signaling to the Cell Death Machinery. Cancer Research, 2015, 75, 147-158.	0.9	35
29	Identification of blapsins A and B as potent small-molecule 14-3-3 inhibitors from the insect Blaps japanensis. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4179-4181.	2.2	34
30	Fluorescence Polarization Assay to Quantify Protein-Protein Interactions in an HTS Format. Methods in Molecular Biology, 2015, 1278, 529-544.	0.9	34
31	Discovering Smallâ€Molecule Estrogen Receptor Î±/Coactivator Binding Inhibitors: Highâ€Throughput Screening, Ligand Development, and Models for Enhanced Potency. ChemMedChem, 2011, 6, 654-666.	3.2	33
32	14-3-3 checkpoint regulatory proteins interact specifically with DNA repair protein human exonuclease 1 (hEXO1) via a semi-conserved motif. DNA Repair, 2012, 11, 267-277.	2.8	33
33	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
34	Anti-tumor selectivity of a novel Tubulin and HSP90 dual-targeting inhibitor in non-small cell lung cancer models. Biochemical Pharmacology, 2013, 86, 351-360.	4.4	32
35	High-Throughput HIVâ€“Cell Fusion Assay for Discovery of Virus Entry Inhibitors. Assay and Drug Development Technologies, 2015, 13, 155-166.	1.2	31
36	Integration of Apoptosis Signal-Regulating Kinase 1-Mediated Stress Signaling with the Akt/Protein Kinase B-Iº B Kinase Cascade. Molecular and Cellular Biology, 2013, 33, 2252-2259.	2.3	28

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37	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
38	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
39	AKT1, LKB1, and YAP1 Revealed as MYC Interactors with NanoLuc-Based Protein-Fragment Complementation Assay. Molecular Pharmacology, 2017, 91, 339-347.	2.3	27
40	Blockade of Asparagine Endopeptidase Inhibits Cancer Metastasis. Journal of Medicinal Chemistry, 2017, 60, 7244-7255.	6.4	27
41	Synthesis and Evaluation of Bisbenzylidenedioxotetrahydrothiopranones as Activators of Endoplasmic Reticulum (ER) Stress Signaling Pathways and Apoptotic Cell Death in Acute Promyelocytic Leukemic Cells. Journal of Medicinal Chemistry, 2014, 57, 5904-5918.	6.4	26
42	Discovery of aminoquinolines as a new class of potent inhibitors of heat shock protein 90 (Hsp90): Synthesis, biology, and molecular modeling. Bioorganic and Medicinal Chemistry, 2008, 16, 6903-6910.	3.0	25
43	Pharmacological inhibition of noncanonical EED-EZH2 signaling overcomes chemoresistance in prostate cancer. Theranostics, 2021, 11, 6873-6890.	10.0	21
44	Aurora kinase A interacts with H-Ras and potentiates Ras-MAPK signaling. Oncotarget, 2017, 8, 28359-28372.	1.8	20
45	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
46	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
47	High-Throughput Screeningâ€“Based Identification of Paramyxovirus Inhibitors. Journal of Biomolecular Screening, 2008, 13, 591-608.	2.6	18
48	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
49	Distinct growth factor-induced dynamic mass redistribution (DMR) profiles for monitoring oncogenic signaling pathways in various cancer cells. Journal of Receptor and Signal Transduction Research, 2009, 29, 182-194.	2.5	17
50	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
51	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
52	Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. Cell, 2022, 185, 1974-1985.e12.	28.9	17
53	Ligands for Glaucoma-Associated Myocilin Discovered by a Generic Binding Assay. ACS Chemical Biology, 2014, 9, 517-525.	3.4	15
54	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

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55	A Homogenous Luminescent Proximity Assay for 14-3-3 Interactions with Both Phosphorylated and Nonphosphorylated Client Peptides. Current Chemical Genomics, 2008, 2, 40-47.	2.0	14
56	Synthesis and SAR study of N-(4-hydroxy-3-(2-hydroxynaphthalene-1-yl)phenyl)-arylsulfonamides: Heat shock protein 90 (Hsp90) inhibitors with submicromolar activity in an in vitro assay. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4982-4987.	2.2	13
57	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. Scientific Reports, 2018, 8, 10210.	3.3	13
58	Pro-oncogenic function of HIP-55/Drebrin-like (DBNL) through Ser269/Thr291-phospho-sensor motifs. Oncotarget, 2014, 5, 3197-3209.	1.8	13
59	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
60	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
61	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
62	NSD3S stabilizes MYC through hindering its interaction with FBXW7. Journal of Molecular Cell Biology, 2020, 12, 438-447.	3.3	8
63	Discovery of the first chemical tools to regulate MKK3-mediated MYC activation in cancer. Bioorganic and Medicinal Chemistry, 2021, 45, 116324.	3.0	8
64	Proteinâ€“Protein Interactions. Springer Protocols, 2008, , 463-494.	0.3	7
65	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
66	A Novel High-Throughput Screening Assay for Discovery of Molecules That Increase Cellular Tetrahydrobiopterin. Journal of Biomolecular Screening, 2011, 16, 836-844.	2.6	6
67	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
68	A time-resolved fluorescence resonance energy transfer screening assay for discovery of protein-protein interaction modulators. STAR Protocols, 2021, 2, 100804.	1.2	4
69	MEDICI: Mining Essentiality Data to Identify Critical Interactions for Cancer Drug Target Discovery and Development. PLoS ONE, 2017, 12, e0170339.	2.5	4
70	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
71	Acquisition of taxane resistance by p53 inactivation in ovarian cancer cells. Acta Pharmacologica Sinica, 2022, , .	6.1	4
72	Time-Resolved Fluorescence Resonance Energy Transfer Technologies in HTS. , 0, , 198-214.		2

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73	Cancer and Virus Leads by HTS, Chemical Design and SEA Data Mining. Current Topics in Medicinal Chemistry, 2009, 9, 1159-1171.	2.1	1
74	Monitoring GTPCHâ€1 Interaction with GFRP Using Timeâ€Resolved Fluorescence Resonance Energy Transfer. FASEB Journal, 2010, 24, 871.3.	0.5	0
75	Truncation of NF-KB2 Is Associated with Poor Response to Bortezomib Treatment in Multiple Myeloma. Blood, 2011, 118, 2891-2891.	1.4	0
76	Connecting Cell Death and Survival Pathways via the ASK1/IKKÎ² Interaction. FASEB Journal, 2015, 29, 934.5.	0.5	0