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	Acquisition of taxane resistance by p53 inactivation in ovarian cancer cells. Acta Pharmacologica Sinica, 2022, , .	6.1	4
2	Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. Cell, 2022, 185, 1974-1985.e12.	28.9	17
3	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
4	Pharmacological inhibition of noncanonical EED-EZH2 signaling overcomes chemoresistance in prostate cancer. Theranostics, 2021, 11, 6873-6890.	10.0	21
5	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
6	Discovery of the first chemical tools to regulate MKK3-mediated MYC activation in cancer. Bioorganic and Medicinal Chemistry, 2021, 45, 116324.	3.0	8
7	A time-resolved fluorescence resonance energy transfer screening assay for discovery of protein-protein interaction modulators. STAR Protocols, 2021, 2, 100804.	1.2	4
8	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
9	NSD3S stabilizes MYC through hindering its interaction with FBXW7. Journal of Molecular Cell Biology, 2020, 12, 438-447.	3.3	8
10	Discovery of a dual inhibitor of NQO1 and GSTP1 for treating glioblastoma. Journal of Hematology and Oncology, 2020, 13, 141.	17.0	36
11	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
12	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
13	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. Nature Communications, 2020, 11, 2758.	12.8	40
14	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
15	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
16	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
17	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
18	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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19	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. Scientific Reports, 2018, 8, 10210.	3.3	13
20	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
21	AKT1, LKB1, and YAP1 Revealed as MYC Interactors with NanoLuc-Based Protein-Fragment Complementation Assay. Molecular Pharmacology, 2017, 91, 339-347.	2.3	27
22	The OncoPPi network of cancer-focused proteinâ€“protein interactions to inform biological insights and therapeutic strategies. Nature Communications, 2017, 8, 14356.	12.8	151
23	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
24	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14740.	12.8	96
25	Blockade of Asparagine Endopeptidase Inhibits Cancer Metastasis. Journal of Medicinal Chemistry, 2017, 60, 7244-7255.	6.4	27
26	MEDICI: Mining Essentiality Data to Identify Critical Interactions for Cancer Drug Target Discovery and Development. PLoS ONE, 2017, 12, e0170339.	2.5	4
27	Aurora kinase A interacts with H-Ras and potentiates Ras-MAPK signaling. Oncotarget, 2017, 8, 28359-28372.	1.8	20
28	Discovery of Dual Inhibitors of MDM2 and XIAP for Cancer Treatment. Cancer Cell, 2016, 30, 623-636.	16.8	68
29	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
30	Stress Induces p38 MAPK-Mediated Phosphorylation and Inhibition of Drosha-Dependent Cell Survival. Molecular Cell, 2015, 57, 721-734.	9.7	72
31	High-Throughput HIVâ€“Cell Fusion Assay for Discovery of Virus Entry Inhibitors. Assay and Drug Development Technologies, 2015, 13, 155-166.	1.2	31
32	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
33	Cables1 Complex Couples Survival Signaling to the Cell Death Machinery. Cancer Research, 2015, 75, 147-158.	0.9	35
34	Fluorescence Polarization Assay to Quantify Protein-Protein Interactions in an HTS Format. Methods in Molecular Biology, 2015, 1278, 529-544.	0.9	34
35	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
36	Connecting Cell Death and Survival Pathways via the ASK1/IKKÎ² Interaction. FASEB Journal, 2015, 29, 934.5.	0.5	0

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37	Ligands for Glaucoma-Associated Myocilin Discovered by a Generic Binding Assay. ACS Chemical Biology, 2014, 9, 517-525.	3.4	15
38	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
39	Pro-oncogenic function of HIP-55/Drebrin-like (DBNL) through Ser269/Thr291-phospho-sensor motifs. Oncotarget, 2014, 5, 3197-3209.	1.8	13
40	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
41	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
42	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
43	Design and biological characterization of hybrid compounds of curcumin and thalidomide for multiple myeloma. Organic and Biomolecular Chemistry, 2013, 11, 4757.	2.8	47
44	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
45	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
46	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
47	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
48	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
49	14-3-3 proteins as potential therapeutic targets. Seminars in Cell and Developmental Biology, 2011, 22, 705-712.	5.0	140
50	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
51	Blocking eIF4E-eIF4G Interaction as a Strategy To Impair Coronavirus Replication. Journal of Virology, 2011, 85, 6381-6389.	3.4	93
52	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
53	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
54	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

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55	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
56	Truncation of NF-KB2 Is Associated with Poor Response to Bortezomib Treatment in Multiple Myeloma. Blood, 2011, 118, 2891-2891.	1.4	0
57	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
58	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
59	Synthesis and Identification of New 4-Arylidene Curcumin Analogues as Potential Anticancer Agents Targeting Nuclear Factor-ÎºB Signaling Pathway. Journal of Medicinal Chemistry, 2010, 53, 8260-8273.	6.4	99
60	Monitoring GTPCHâ€1 Interaction with GFRP Using Timeâ€Resolved Fluorescence Resonance Energy Transfer. FASEB Journal, 2010, 24, 871.3.	0.5	0
61	Cancer and Virus Leads by HTS, Chemical Design and SEA Data Mining. Current Topics in Medicinal Chemistry, 2009, 9, 1159-1171.	2.1	1
62	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
63	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
64	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
65	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
66	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
67	Inhibition of IÎºB Kinase-Nuclear Factor-ÎºB 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
68	High-Throughput Screeningâ€"Based Identification of Paramyxovirus Inhibitors. Journal of Biomolecular Screening, 2008, 13, 591-608.	2.6	18
69	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
70	Proteinâ€"Protein Interactions. Springer Protocols, 2008, , 463-494.	0.3	7
71	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
72	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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73	High-Throughput Screening Fluorescence Polarization Assay for Tumor-Specific Hsp90. Journal of Biomolecular Screening, 2007, 12, 915-924.	2.6	46
74	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
75	Monitoring 14-3-3 Protein Interactions with a Homogeneous Fluorescence Polarization Assay. Journal of Biomolecular Screening, 2006, 11, 269-276.	2.6	35
76	Time-Resolved Fluorescence Resonance Energy Transfer Technologies in HTS. , 0, , 198-214.		2