

Hakim Djaballah

List of Publications by Year in descending order

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77
papers

3,356
citations

186265

28
h-index

155660

55
g-index

81
all docs

81
docs citations

81
times ranked

5229
citing authors

#	ARTICLE	IF	CITATIONS
1	A viral inhibitor of peptide transporters for antigen presentation. <i>Nature</i> , 1995, 375, 415-418.	27.8	596
2	Asparagine Plays a Critical Role in Regulating Cellular Adaptation to Glutamine Depletion. <i>Molecular Cell</i> , 2014, 56, 205-218.	9.7	347
3	High-Throughput Screening Assay for the Identification of Compounds Regulating Self-Renewal and Differentiation in Human Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2008, 2, 602-612.	11.1	211
4	Large-scale screening using familial dysautonomia induced pluripotent stem cells identifies compounds that rescue IKBKAP expression. <i>Nature Biotechnology</i> , 2012, 30, 1244-1248.	17.5	211
5	Superoxide dismutase 1 (SOD1) is a target for a small molecule identified in a screen for inhibitors of the growth of lung adenocarcinoma cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16375-16380.	7.1	124
6	High-Content Assay to Identify Inhibitors of Dengue Virus Infection. <i>Assay and Drug Development Technologies</i> , 2010, 8, 553-570.	1.2	78
7	Modulation of Î³-secretase specificity using small molecule allosteric inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20228-20233.	7.1	75
8	[24] Multicatalytic endopeptidase complex: Proteasome. <i>Methods in Enzymology</i> , 1994, 244, 331-350.	1.0	74
9	Identification of Novel Antipoxviral Agents: Mitoxantrone Inhibits Vaccinia Virus Replication by Blocking Virion Assembly. <i>Journal of Virology</i> , 2007, 81, 13392-13402.	3.4	68
10	Death Induced by CD95 or CD95 Ligand Elimination. <i>Cell Reports</i> , 2014, 7, 208-222.	6.4	66
11	Cell viability assessment: toward content-rich platforms. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 223-233.	5.0	60
12	Time-Resolved Fluorescence Energy Transfer DNA Helicase Assays for High Throughput Screening. <i>Journal of Biomolecular Screening</i> , 1999, 4, 239-248.	2.6	58
13	Synthesis of Antiproliferative <i>Cephalotaxus</i> Esters and Their Evaluation against Several Human Hematopoietic and Solid Tumor Cell Lines: Uncovering Differential Susceptibilities to Multidrug Resistance. <i>Chemistry - A European Journal</i> , 2008, 14, 4293-4306.	3.3	58
14	Combining integrated genomics and functional genomics to dissect the biology of a cancer-associated, aberrant transcription factor, the ASPSCR1-TFE3 fusion oncoprotein. <i>Journal of Pathology</i> , 2013, 229, 743-754.	4.5	58
15	Peptidylglutamyl-peptide hydrolase activity of the multicatalytic proteinase complex: evidence for a new high-affinity site, analysis of cooperative kinetics, and the effect of manganese ions. <i>Biochemistry</i> , 1992, 31, 4133-4141.	2.5	54
16	Small-Molecule Inhibitors of SETD8 with Cellular Activity. <i>ACS Chemical Biology</i> , 2014, 9, 2471-2478.	3.4	54
17	A high density assay format for the detection of novel cytotoxic agents in large chemical libraries. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 931-945.	5.2	49
18	Live-Cell Imaging of Caspase Activation for High-Content Screening. <i>Journal of Biomolecular Screening</i> , 2009, 14, 956-969.	2.6	47

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19	Revisiting Old Drugs as Novel Agents for Retinoblastoma: In Vitro and In Vivo Antitumor Activity of Cardenolides. , 2009, 50, 3065.		46
20	ABCG2 regulates self-renewal and stem cell marker expression but not tumorigenicity or radiation resistance of glioma cells. Scientific Reports, 2016, 6, 25956.	3.3	45
21	Use of serine-protease inhibitors as probes for the different proteolytic activities of the rat liver multicatalytic proteinase complex. FEBS Journal, 1992, 209, 629-634.	0.2	44
22	Inhibition of Dengue Virus Replication by a Class of Small-Molecule Compounds That Antagonize Dopamine Receptor D4 and Downstream Mitogen-Activated Protein Kinase Signaling. Journal of Virology, 2014, 88, 5533-5542.	3.4	44
23	A Class of Allosteric Caspase Inhibitors Identified by High-Throughput Screening. Molecular Cell, 2012, 47, 585-595.	9.7	42
24	Synthesis and Biological Evaluation of a Fluorine-18 Derivative of Dasatinib. Journal of Medicinal Chemistry, 2007, 50, 5853-5857.	6.4	38
25	High-Throughput Identification of Inhibitors of Human Mitochondrial Peptide Deformylase. Journal of Biomolecular Screening, 2007, 12, 521-535.	2.6	35
26	Identification and Preliminary Characterization of Novel Small Molecules That Inhibit Growth of Human Lung Adenocarcinoma Cells. Journal of Biomolecular Screening, 2009, 14, 1176-1184.	2.6	33
27	Proteasome Addiction Defined in Ewing Sarcoma Is Effectively Targeted by a Novel Class of 19S Proteasome Inhibitors. Cancer Research, 2016, 76, 4525-4534.	0.9	33
28	A 1536-Well Fluorescence Polarization Assay to Screen for Modulators of the MUSASHI Family of RNA-Binding Proteins. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 596-609.	1.1	32
29	BET Inhibition-Induced GSK3 β Feedback Enhances Lymphoma Vulnerability to PI3K Inhibitors. Cell Reports, 2018, 24, 2155-2166.	6.4	31
30	A High-Content Biosensor-Based Screen Identifies Cell-Permeable Activators and Inhibitors of EGFR Function: Implications in Drug Discovery. Journal of Biomolecular Screening, 2012, 17, 885-899.	2.6	30
31	Azaphilones from an Acid Mine Extremophile Strain of a <i>Pleurostomophora</i> sp.. Journal of Natural Products, 2015, 78, 2917-2923.	3.0	30
32	Domain-Based Biosensor Assay to Screen for Epidermal Growth Factor Receptor Modulators in Live Cells. Assay and Drug Development Technologies, 2012, 10, 24-36.	1.2	29
33	Flaviviruses Are Sensitive to Inhibition of Thymidine Synthesis Pathways. Journal of Virology, 2013, 87, 9411-9419.	3.4	29
34	Systematic Analysis of RNAi Reports Identifies Dismal Commonality at Gene-Level and Reveals an Unprecedented Enrichment in Pooled shRNA Screens. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 665-681.	1.1	29
35	Synthesis, antileukemic and antiplatelet activities of 2,3-diaryl-6,7-dihydro-5H-1,4-diazepines. European Journal of Medicinal Chemistry, 2008, 43, 2004-2010.	5.5	27
36	A High Throughput Scintillation Proximity Imaging Assay for Protein Methyltransferases. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 359-371.	1.1	25

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37	A Simple Method for Analyzing Actives in Random RNAi Screens: Introducing the α -Score for Hit Nomination & Gene Prioritization. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 686-704.	1.1	24
38	An Image-Based Biosensor Assay Strategy to Screen for Modulators of the microRNA 21 Biogenesis Pathway. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 529-541.	1.1	23
39	Intra-arterial and Oral Digoxin Therapy for Retinoblastoma. <i>Ophthalmic Genetics</i> , 2011, 32, 147-150.	1.2	22
40	Identification of benzofuran-4,5-diones as novel and selective non-hydroxamic acid, non-peptidomimetic based inhibitors of human peptide deformylase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4528-4532.	2.2	22
41	A Profiling Platform for the Identification of Selective Metalloprotease Inhibitors. <i>Journal of Biomolecular Screening</i> , 2008, 13, 285-294.	2.6	19
42	A Synergetic Screening Approach with Companion Effector for Combination Therapy: Application to Retinoblastoma. <i>PLoS ONE</i> , 2013, 8, e59156.	2.5	19
43	A Miniaturized 1536-Well Format β -Secretase Assay. <i>Assay and Drug Development Technologies</i> , 2009, 7, 461-470.	1.2	18
44	Pharmacokinetics, Safety, and Efficacy of Intravitreal Digoxin in Preclinical Models for Retinoblastoma. , 2015, 56, 4382.		18
45	Novel Imidazoline Antimicrobial Scaffold That Inhibits DNA Replication with Activity against Mycobacteria and Drug Resistant Gram-Positive Cocci. <i>ACS Chemical Biology</i> , 2014, 9, 2572-2583.	3.4	17
46	Nanomolar Inhibitors of Trypanosoma brucei RNA Triphosphatase. <i>MBio</i> , 2016, 7, e00058-16.	4.1	16
47	An Arrayed Genome-Scale Lentiviral-Enabled Short Hairpin RNA Screen Identifies Lethal and Rescuer Gene Candidates. <i>Assay and Drug Development Technologies</i> , 2013, 11, 173-190.	1.2	15
48	Synthesis and in vitro examination of [124I]-, [125I]- and [131I]-2-(4-iodophenylamino) pyrido[2,3-d]pyrimidin-7-one radiolabeled Abl kinase inhibitors. <i>Nuclear Medicine and Biology</i> , 2005, 32, 313-321.	0.6	14
49	Comparison of Luminescence ADP Production Assay and Radiometric Scintillation Proximity Assay for Cdc7 Kinase. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 669-687.	1.1	14
50	Validation of a High-Content Screening Assay Using Whole-Well Imaging of Transformed Phenotypes. <i>Assay and Drug Development Technologies</i> , 2011, 9, 247-261.	1.2	14
51	A High-Throughput Scintillation Proximity-Based Assay for Human DNA Ligase IV. <i>Assay and Drug Development Technologies</i> , 2012, 10, 235-249.	1.2	14
52	Development and Validation of a High-Density Fluorescence Polarization-Based Assay for the Trypanosoma RNA Triphosphatase TbCet1. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009, 12, 258-268.	1.1	13
53	Designs and Concept Reliance of a Fully Automated High-Content Screening Platform. <i>Journal of the Association for Laboratory Automation</i> , 2012, 17, 359-369.	2.8	13
54	A High Content Assay to Assess Cellular Fitness. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 12-24.	1.1	13

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55	A High-Content Assay Strategy for the Identification and Profiling of ABCG2 Modulators in Live Cells. Assay and Drug Development Technologies, 2014, 12, 28-42.	1.2	13
56	Structure-activity relationships of 6-(2,6-dichlorophenyl)-8-methyl-2-(phenylamino)pyrido[2,3-d]pyrimidin-7-ones: Toward selective Abl inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6872-6876.	2.2	12
57	A High-Throughput Screen for Alpha Particle Radiation Protectants. Assay and Drug Development Technologies, 2010, 8, 602-614.	1.2	12
58	An Arrayed RNA Interference Genome-Wide Screen Identifies Candidate Genes Involved in the MicroRNA 21 Biogenesis Pathway. Assay and Drug Development Technologies, 2013, 11, 191-205.	1.2	10
59	A Multiplexed Cell-Based Assay for the Identification of Modulators of Pre-Membrane Processing as a Target against Dengue Virus. Journal of Biomolecular Screening, 2015, 20, 616-626.	2.6	10
60	Synthesis and antiproliferative activity of some diaryldiazepines and diarylpyrimidines. Journal of Enzyme Inhibition and Medicinal Chemistry, 2007, 22, 716-721.	5.2	9
61	Editorial. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 685-685.	1.1	8
62	A Novel High Throughput 1536-Well Notch1 γ -Secretase AlphaLISA Assay. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 415-424.	1.1	8
63	Antigen processing by proteasomes: insights into the molecular basis of crypticity. , 1997, 24, 63-67.		7
64	Discovery of a Dicer-Independent, Cell-Type Dependent Alternate Targeting Sequence Generator: Implications in Gene Silencing & Pooled RNAi Screens. PLoS ONE, 2014, 9, e100676.	2.5	7
65	Evaluation of Compound Optical Interference in High-Content Screening. SLAS Discovery, 2018, 23, 321-329.	2.7	7
66	Modulators of the microRNA Biogenesis Pathway via Arrayed Lentiviral Enabled RNAi Screening for Drug and Biomarker Discovery. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 791-805.	1.1	7
67	Phomopsolides and Related Compounds from the Alga-associated Fungus, <i>Penicillium clavigerum</i> . Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	6
68	Drug Discovery and Repurposing at Memorial Sloan Kettering Cancer Center: Chemical Biology Drives Translational Medicine. ACS Chemical Biology, 2014, 9, 1394-1397.	3.4	6
69	Comparative Analysis of RNAi Screening Technologies at Genome-Scale Reveals an Inherent Processing Inefficiency of the Plasmid-Based shRNA Hairpin. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 98-113.	1.1	6
70	Plasmid-Based shRNA Lentiviral Particle Production for RNAi Applications. Journal of Biomolecular Screening, 2014, 19, 1309-1313.	2.6	4
71	A High-Content Assay to Screen for Modulators of EGFR Function. Methods in Molecular Biology, 2016, 1360, 97-106.	0.9	3
72	Chemical & RNAi Screening at MSKCC: A Collaborative Platform to Discover & Repurpose Drugs to Fight Disease. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 298-318.	1.1	2

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73	High Mn ²⁺ sensitivity of vesicular galactosyltransferase in thymus and mammary gland. <i>Biochemical Society Transactions</i> , 1991, 19, 235S-235S.	3.4	1
74	Editorial: From Perfume Oils to Discovering and Making New Molecules: An International Chemical Biology Journey. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 565-565.	1.1	0
75	Editorial (Thematic Issue: Academic Screening Operations: Small Molecule Screening). <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 191-191.	1.1	0
76	Editorial (Thematic Issue: Academic Screening Operations: RNAi Screening). <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 297-297.	1.1	0
77	The King Is Dead, Long Live the King! JBS Special Issue on Screening by RNAi and Precise Genome Editing Technologies. <i>Journal of Biomolecular Screening</i> , 2015, 20, 929-931.	2.6	0