

Robert Damoiseaux

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

9,181
citations

46918

47
h-index

43802

91
g-index

148
all docs

148
docs citations

148
times ranked

16616
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiomyocytes disrupt pyrimidine biosynthesis in nonmyocytes to regulate heart repair. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	16
2	Reprogramming of nucleotide metabolism by interferon confers dependence on the replication stress response pathway in pancreatic cancer cells. <i>Cell Reports</i> , 2022, 38, 110236.	2.9	14
3	Suspendable Hydrogel Nanovials for Massively Parallel Single-Cell Functional Analysis and Sorting. <i>ACS Nano</i> , 2022, 16, 7242-7257.	7.3	35
4	Best practices for reporting throughput in biomedical research. <i>Nature Methods</i> , 2022, 19, 633-634.	9.0	9
5	Targeting Corticotroph HDAC and PI3-Kinase in Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e232-e246.	1.8	10
6	A High-Content Screen Identifies Drugs That Restrict Tumor Cell Extravasation across the Endothelial Barrier. <i>Cancer Research</i> , 2021, 81, 619-633.	0.4	8
7	PSA-Targeted Alpha-, Beta-, and Positron-Emitting Immunotheranostics in Murine Prostate Cancer Models and Nonhuman Primates. <i>Clinical Cancer Research</i> , 2021, 27, 2050-2060.	3.2	13
8	The myosin regulatory light chain Myl5 localizes to mitotic spindle poles and is required for proper cell division. <i>Cytoskeleton</i> , 2021, 78, 23-35.	1.0	2
9	SARS-CoV-2 infection rewires host cell metabolism and is potentially susceptible to mTORC1 inhibition. <i>Nature Communications</i> , 2021, 12, 1876.	5.8	88
10	Commercial immunoglobulin products contain cross-reactive but not neutralizing antibodies against SARS-CoV-2. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 876-877.	1.5	3
11	Classes of Drugs that Mitigate Radiation Syndromes. <i>Frontiers in Pharmacology</i> , 2021, 12, 666776.	1.6	4
12	Massively scaled-up testing for SARS-CoV-2 RNA via next-generation sequencing of pooled and barcoded nasal and saliva samples. <i>Nature Biomedical Engineering</i> , 2021, 5, 657-665.	11.6	46
13	Targeting the coronavirus nucleocapsid protein through GSK-3 inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	51
14	DUSP7 regulates the activity of ERK2 to promote proper chromosome alignment during cell division. <i>Journal of Biological Chemistry</i> , 2021, 296, 100676.	1.6	6
15	A CRISPR Activation Screen Identifies an Atypical Rho GTPase That Enhances Zika Viral Entry. <i>Viruses</i> , 2021, 13, 2113.	1.5	10
16	Metabolic Modifier Screen Reveals Secondary Targets of Protein Kinase Inhibitors within Nucleotide Metabolism. <i>Cell Chemical Biology</i> , 2020, 27, 197-205.e6.	2.5	16
17	Repurposing metformin, simvastatin and digoxin as a combination for targeted therapy for pancreatic ductal adenocarcinoma. <i>Cancer Letters</i> , 2020, 491, 97-107.	3.2	11
18	A Small-Molecule Approach to Restore a Slow-Oxidative Phenotype and Defective CaMKII β Signaling in Limb Girdle Muscular Dystrophy. <i>Cell Reports Medicine</i> , 2020, 1, 100122.	3.3	5

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19	High-throughput screening identifies modulators of sarcospan that stabilize muscle cells and exhibit activity in the mouse model of Duchenne muscular dystrophy. <i>Skeletal Muscle</i> , 2020, 10, 26.	1.9	3
20	Disease-related Huntingtin seeding activities in cerebrospinal fluids of Huntington's disease patients. <i>Scientific Reports</i> , 2020, 10, 20295.	1.6	10
21	Genetic signature of prostate cancer mouse models resistant to optimized hK2 targeted β -particle therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15172-15181.	3.3	16
22	Interferon-mediated reprogramming of membrane cholesterol to evade bacterial toxins. <i>Nature Immunology</i> , 2020, 21, 746-755.	7.0	60
23	Isoquinoline thiosemicarbazone displays potent anticancer activity with in vivo efficacy against aggressive leukemias. <i>RSC Medicinal Chemistry</i> , 2020, 11, 392-410.	1.7	6
24	High-Throughput Drug Screening Identifies a Potent Wnt Inhibitor that Promotes Airway Basal Stem Cell Homeostasis. <i>Cell Reports</i> , 2020, 30, 2055-2064.e5.	2.9	18
25	The dopamine receptor antagonist trifluoperazine prevents phenotype conversion and improves survival in mouse models of glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11085-11096.	3.3	33
26	A Cell-based Screen in <i>Actinomyces oris</i> to Identify Sortase Inhibitors. <i>Scientific Reports</i> , 2020, 10, 8520.	1.6	15
27	Mitigation of aflatoxin B ₁ - and sodium arsenite-induced cytotoxicities in HUC-PC urinary bladder cells by curcumin and <i>Khaya senegalensis</i> . <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	4
28	PTP ^{1f} inhibitors promote hematopoietic stem cell regeneration. <i>Nature Communications</i> , 2019, 10, 3667.	5.8	21
29	An in situ high-throughput screen identifies inhibitors of intracellular <i>Burkholderia pseudomallei</i> with therapeutic efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18597-18606.	3.3	13
30	1-[(4-Nitrophenyl)sulfonyl]-4-phenylpiperazine increases the number of Peyer's patch-associated regenerating crypts in the small intestines after radiation injury. <i>Radiotherapy and Oncology</i> , 2019, 132, 8-15.	0.3	8
31	A scalable filtration method for high throughput screening based on cell deformability. <i>Lab on A Chip</i> , 2019, 19, 343-357.	3.1	24
32	Targeting the NFAT:AP-1 transcriptional complex on DNA with a small-molecule inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9959-9968.	3.3	36
33	Leukemia Cell Cycle Chemical Profiling Identifies the G2-Phase Leukemia Specific Inhibitor Leusin-1. <i>ACS Chemical Biology</i> , 2019, 14, 994-1001.	1.6	3
34	A simple high-throughput approach identifies actionable drug sensitivities in patient-derived tumor organoids. <i>Communications Biology</i> , 2019, 2, 78.	2.0	186
35	A high-throughput screen identifies that CDK7 activates glucose consumption in lung cancer cells. <i>Nature Communications</i> , 2019, 10, 5444.	5.8	25
36	Development of a high-throughput screen to identify small molecule enhancers of sarcospan for the treatment of Duchenne muscular dystrophy. <i>Skeletal Muscle</i> , 2019, 9, 32.	1.9	6

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37	Modeling Progressive Fibrosis with Pluripotent Stem Cells Identifies an Anti-fibrotic Small Molecule. <i>Cell Reports</i> , 2019, 29, 3488-3505.e9.	2.9	17
38	Stressor interaction networks suggest antibiotic resistance co-opted from stress responses to temperature. <i>ISME Journal</i> , 2019, 13, 12-23.	4.4	62
39	Abstract 1867: Liver and urinary bladder cancers: The modifying role of aqueous leaf extract of <i>Terminalia glaucescens</i> Planch. ex Benth. , 2019, , .		0
40	Case Report: Prolonged Excretion of Platinum in Human Breast Milk After Cisplatin Therapy. <i>Clinical Lactation</i> , 2019, 10, 183-187.	0.2	1
41	High-Throughput Screening of a Luciferase Reporter of Gene Silencing on the Inactive X Chromosome. <i>Methods in Molecular Biology</i> , 2018, 1755, 75-87.	0.4	0
42	Reporter Gene Assays Using Viral Functional Genomics Libraries. <i>Methods in Molecular Biology</i> , 2018, 1755, 121-133.	0.4	0
43	Making It All Work: Functional Genomics and Reporter Gene Assays. <i>Methods in Molecular Biology</i> , 2018, 1755, 89-105.	0.4	2
44	Elastomeric sensor surfaces for high-throughput single-cell force cytometry. <i>Nature Biomedical Engineering</i> , 2018, 2, 124-137.	11.6	47
45	Stabilization of Glucagon by Trehalose Glycopolymer Nanogels. <i>Advanced Functional Materials</i> , 2018, 28, 1705475.	7.8	27
46	A molecular cascade modulates MAP1B and confers resistance to mTOR inhibition in human glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 764-775.	0.6	22
47	Exploiting Drug Addiction Mechanisms to Select against MAPKi-Resistant Melanoma. <i>Cancer Discovery</i> , 2018, 8, 74-93.	7.7	89
48	A Gelatin Microdroplet Platform for High-Throughput Sorting of Hyperproducing Single-Cell-Derived Microalgal Clones. <i>Small</i> , 2018, 14, e1803315.	5.2	52
49	The Use of Somatic Hypermutation for the Affinity Maturation of Therapeutic Antibodies. <i>Methods in Molecular Biology</i> , 2018, 1827, 479-489.	0.4	7
50	High-Throughput Cell Deformability Screening to Identify Novel Anti-Cancer Compounds. <i>Biophysical Journal</i> , 2018, 114, 326a.	0.2	0
51	Prevalence and patterns of higher-order drug interactions in <i>Escherichia coli</i> . <i>Npj Systems Biology and Applications</i> , 2018, 4, 31.	1.4	71
52	Obesity increases airway smooth muscle responses to contractile agonists. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L673-L681.	1.3	45
53	Reporter Gene Assays Using Transfectable Functional Genomics Libraries. <i>Methods in Molecular Biology</i> , 2018, 1755, 107-120.	0.4	0
54	A precision therapeutic strategy for hexokinase 1-null, hexokinase 2-positive cancers. <i>Cancer & Metabolism</i> , 2018, 6, 7.	2.4	25

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55	Adaptation of a Genetic Screen Reveals an Inhibitor for Mitochondrial Protein Import Component Tim44. <i>Journal of Biological Chemistry</i> , 2017, 292, 5429-5442.	1.6	18
56	Interferon Receptor Signaling Pathways Regulating PD-L1 and PD-L2 Expression. <i>Cell Reports</i> , 2017, 19, 1189-1201.	2.9	1,256
57	Engineering a Thermostable Keto Acid Decarboxylase Using Directed Evolution and Computationally Directed Protein Design. <i>ACS Synthetic Biology</i> , 2017, 6, 610-618.	1.9	24
58	Self-Organized Cerebral Organoids with Human-Specific Features Predict Effective Drugs to Combat Zika Virus Infection. <i>Cell Reports</i> , 2017, 21, 517-532.	2.9	305
59	G β facilitates shortening in human airway smooth muscle by modulating phosphoinositide 3-kinase-mediated activation in a RhoA-dependent manner. <i>British Journal of Pharmacology</i> , 2017, 174, 4383-4395.	2.7	28
60	Computational Cell Cycle Profiling of Cancer Cells for Prioritizing FDA-Approved Drugs with Repurposing Potential. <i>Scientific Reports</i> , 2017, 7, 11261.	1.6	27
61	Recurrent Tumor Cell-Intrinsic and -Extrinsic Alterations during MAPKi-Induced Melanoma Regression and Early Adaptation. <i>Cancer Discovery</i> , 2017, 7, 1248-1265.	7.7	134
62	Direct quantification of gamma H2AX by cell-based high throughput screening for evaluation of genotoxicity of pesticides in a human thyroid cell lines. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 522-528.	0.9	11
63	When more is less: Emergent suppressive interactions in three-drug combinations. <i>BMC Microbiology</i> , 2017, 17, 107.	1.3	27
64	Atomic force microscopy correlates antimetastatic potentials of HepG2 cell line with its redox/energy status: effects of curcumin and <i>Khaya senegalensis</i> . <i>Journal of Integrative Medicine</i> , 2017, 15, 214-230.	1.4	13
65	A comparative assessment of antiproliferative properties of resveratrol and ethanol leaf extract of <i>Anogeissus leiocarpus</i> (DC) Guill and Perr against HepG2 hepatocarcinoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 381.	3.7	15
66	4-(Nitrophenylsulfonyl)piperazines mitigate radiation damage to multiple tissues. <i>PLoS ONE</i> , 2017, 12, e0181577.	1.1	14
67	Microtubins: a novel class of small synthetic microtubule targeting drugs that inhibit cancer cell proliferation. <i>Oncotarget</i> , 2017, 8, 104007-104021.	0.8	7
68	Inhibition of PI3K promotes dilation of human small airways in a rho kinase-dependent manner. <i>British Journal of Pharmacology</i> , 2016, 173, 2726-2738.	2.7	34
69	3D Chemical Similarity Networks for Structure-Based Target Prediction and Scaffold Hopping. <i>ACS Chemical Biology</i> , 2016, 11, 2244-2253.	1.6	42
70	Discovery of Structurally Diverse Small-Molecule Compounds with Broad Antiviral Activity against Enteroviruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1615-1626.	1.4	14
71	Characterization and evolution of an activator-independent methanol dehydrogenase from <i>Cupriavidus necator</i> N-1. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 4969-4983.	1.7	65
72	Copper status of exposed microorganisms influences susceptibility to metallic nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1148-1158.	2.2	7

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73	Comprehensive Assessment of Germline Chemical Toxicity Using the Nematode <i>Caenorhabditis elegans</i> . <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	8
74	A high-throughput screen of inactive X chromosome reactivation identifies the enhancement of DNA demethylation by 5-aza-2'-dC upon inhibition of ribonucleotide reductase. <i>Epigenetics and Chromatin</i> , 2015, 8, 42.	1.8	38
75	Identification of Small Molecules that Disrupt Signaling between ABL and Its Positive Regulator RIN1. <i>PLoS ONE</i> , 2015, 10, e0121833.	1.1	2
76	Glucocorticoids Suppress Renal Cell Carcinoma Progression by Enhancing Na,K-ATPase Beta-1 Subunit Expression. <i>PLoS ONE</i> , 2015, 10, e0122442.	1.1	15
77	Novel Arenavirus Entry Inhibitors Discovered by Using a Minigenome Rescue System for High-Throughput Drug Screening. <i>Journal of Virology</i> , 2015, 89, 8428-8443.	1.5	27
78	Large-Scale Chemical Similarity Networks for Target Profiling of Compounds Identified in Cell-Based Chemical Screens. <i>PLoS Computational Biology</i> , 2015, 11, e1004153.	1.5	70
79	Chemical dissection of the cell cycle: probes for cell biology and anti-cancer drug development. <i>Cell Death and Disease</i> , 2014, 5, e1462-e1462.	2.7	70
80	Cytotoxic Distending Toxins Require Components of the ER-Associated Degradation Pathway for Host Cell Entry. <i>PLoS Pathogens</i> , 2014, 10, e1004295.	2.1	46
81	Calcium Signaling via Orai1 Is Essential for Induction of the Nuclear Orphan Receptor Pathway To Drive Th17 Differentiation. <i>Journal of Immunology</i> , 2014, 192, 110-122.	0.4	66
82	UCLA's Molecular Screening Shared Resource: Enhancing Small Molecule Discovery with Functional Genomics and New Technology. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 356-368.	0.6	4
83	Single-Cell Microfluidic Cytometry for Next-Generation High-Throughput Biology and Drug Discovery. , 2014, , 75-96.		1
84	Development of New Deoxycytidine Kinase Inhibitors and Noninvasive in Vivo Evaluation Using Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6696-6708.	2.9	25
85	Selective inhibitor of endosomal trafficking pathways exploited by multiple toxins and viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4904-12.	3.3	77
86	Size influences the cytotoxicity of poly (lactic-co-glycolic acid) (PLGA) and titanium dioxide (TiO ₂) nanoparticles. <i>Archives of Toxicology</i> , 2013, 87, 1075-1086.	1.9	121
87	Size of TiO ₂ nanoparticles influences their phototoxicity: an in vitro investigation. <i>Archives of Toxicology</i> , 2013, 87, 99-109.	1.9	87
88	High-Throughput Screening of Small Molecules Identifies Hepcidin Antagonists. <i>Molecular Pharmacology</i> , 2013, 83, 681-690.	1.0	67
89	A Small Molecule Inhibitor of Redox-Regulated Protein Translocation into Mitochondria. <i>Developmental Cell</i> , 2013, 25, 81-92.	3.1	81
90	Zebrafish High-Throughput Screening to Study the Impact of Dissolvable Metal Oxide Nanoparticles on the Hatching Enzyme, ZHE1. <i>Small</i> , 2013, 9, 1776-1785.	5.2	112

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91	Metal Oxides: Zebrafish High-Throughput Screening to Study the Impact of Dissolvable Metal Oxide Nanoparticles on the Hatching Enzyme, ZHE1 (Small 9-10/2013). <i>Small</i> , 2013, 9, 1775-1775.	5.2	2
92	A New Series of Small Molecular Weight Compounds Induce Read Through of All Three Types of Nonsense Mutations in the ATM Gene. <i>Molecular Therapy</i> , 2013, 21, 1653-1660.	3.7	59
93	A broadly applicable high-throughput screening strategy identifies new regulators of <i>Dlg4</i> (<i>Psd-95</i>) alternative splicing. <i>Genome Research</i> , 2013, 23, 998-1007.	2.4	40
94	Genome-Wide RNAi High-Throughput Screen Identifies Proteins Necessary for the AHR-Dependent Induction of CYP1A1 by 2,3,7,8-Tetrachlorodibenzo-p-dioxin. <i>Toxicological Sciences</i> , 2013, 136, 107-119.	1.4	14
95	Combination of Rad001 (Everolimus) and Propachlor Synergistically Induces Apoptosis through Enhanced Autophagy in Prostate Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1320-1331.	1.9	25
96	Dantrolene Enhances Antisense-Mediated Exon Skipping in Human and Mouse Models of Duchenne Muscular Dystrophy. <i>Science Translational Medicine</i> , 2012, 4, 164ra160.	5.8	77
97	Genome-Wide Assessment in <i>Escherichia coli</i> Reveals Time-Dependent Nanotoxicity Paradigms. <i>ACS Nano</i> , 2012, 6, 9402-9415.	7.3	31
98	Fluoxetine Is a Potent Inhibitor of Coxsackievirus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4838-4844.	1.4	77
99	Genome-Wide Bacterial Toxicity Screening Uncovers the Mechanisms of Toxicity of a Cationic Polystyrene Nanomaterial. <i>Environmental Science & Technology</i> , 2012, 46, 2398-2405.	4.6	54
100	Inhibition of aminoacylase 3 protects rat brain cortex neuronal cells from the toxicity of 4-hydroxy-2-nonenal mercapturate and 4-hydroxy-2-nonenal. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 303-314.	1.3	19
101	Quantitative detection of Pf HRP2 in saliva of malaria patients in the Philippines. <i>Malaria Journal</i> , 2012, 11, 175.	0.8	31
102	Automated Phenotype Recognition for Zebrafish Embryo Based In Vivo High Throughput Toxicity Screening of Engineered Nano-Materials. <i>PLoS ONE</i> , 2012, 7, e35014.	1.1	50
103	Use of Metal Oxide Nanoparticle Band Gap To Develop a Predictive Paradigm for Oxidative Stress and Acute Pulmonary Inflammation. <i>ACS Nano</i> , 2012, 6, 4349-4368.	7.3	718
104	High-Throughput Screening for Small Molecule Modulators of FGFR2-IIIb Pre-mRNA Splicing. , 2012, , 127-138.		0
105	Differential Expression of Syndecan-1 Mediates Cationic Nanoparticle Toxicity in Undifferentiated versus Differentiated Normal Human Bronchial Epithelial Cells. <i>ACS Nano</i> , 2011, 5, 2756-2769.	7.3	86
106	No time to lose—high throughput screening to assess nanomaterial safety. <i>Nanoscale</i> , 2011, 3, 1345.	2.8	153
107	Stability, Bioavailability, and Bacterial Toxicity of ZnO and Iron-Doped ZnO Nanoparticles in Aquatic Media. <i>Environmental Science & Technology</i> , 2011, 45, 755-761.	4.6	206
108	Self-Organizing Map Analysis of Toxicity-Related Cell Signaling Pathways for Metal and Metal Oxide Nanoparticles. <i>Environmental Science & Technology</i> , 2011, 45, 1695-1702.	4.6	80

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109	Use of a High-Throughput Screening Approach Coupled with <i>In Vivo</i> Zebrafish Embryo Screening To Develop Hazard Ranking for Engineered Nanomaterials. <i>ACS Nano</i> , 2011, 5, 1805-1817.	7.3	306
110	Synergistic Bactericidal Activity of Ag-TiO ₂ Nanoparticles in Both Light and Dark Conditions. <i>Environmental Science & Technology</i> , 2011, 45, 8989-8995.	4.6	161
111	High Content Screening in Zebrafish Speeds up Hazard Ranking of Transition Metal Oxide Nanoparticles. <i>ACS Nano</i> , 2011, 5, 7284-7295.	7.3	176
112	Microfluidic Image Cytometry. <i>Methods in Molecular Biology</i> , 2011, 706, 191-206.	0.4	0
113	Seeing the Light: Luminescent Reporter Gene Assays. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 648-657.	0.6	26
114	Metabolic Imaging Allows Early Prediction of Response to Vandetanib. <i>Journal of Nuclear Medicine</i> , 2011, 52, 231-240.	2.8	13
115	High throughput screening of small molecule libraries for modifiers of radiation responses. <i>International Journal of Radiation Biology</i> , 2011, 87, 839-845.	1.0	29
116	A Molecular Screening Approach to Identify and Characterize Inhibitors of Glioblastoma Stem Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1818-1828.	1.9	80
117	Chemical genetics screen for enhancers of rapamycin identifies a specific inhibitor of an SCF family E3 ubiquitin ligase. <i>Nature Biotechnology</i> , 2010, 28, 738-742.	9.4	132
118	Integrated Pathways for Neutrophil Recruitment and Inflammation in Leprosy. <i>Journal of Infectious Diseases</i> , 2010, 201, 558-569.	1.9	65
119	Substrate specificity of the TIM22 mitochondrial import pathway revealed with small molecule inhibitor of protein translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9578-9583.	3.3	40
120	Use of a Rapid Cytotoxicity Screening Approach To Engineer a Safer Zinc Oxide Nanoparticle through Iron Doping. <i>ACS Nano</i> , 2010, 4, 15-29.	7.3	464
121	High-Content Screening for Biofilm Assays. <i>Journal of Biomolecular Screening</i> , 2010, 15, 748-754.	2.6	10
122	High-Throughput Screening of Silver Nanoparticle Stability and Bacterial Inactivation in Aquatic Media: Influence of Specific Ions. <i>Environmental Science & Technology</i> , 2010, 44, 7321-7328.	4.6	212
123	A broad-spectrum antiviral targeting entry of enveloped viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3157-3162.	3.3	214
124	High-Throughput Screening Identifies Two Classes of Antibiotics as Radioprotectors: Tetracyclines and Fluoroquinolones. <i>Clinical Cancer Research</i> , 2009, 15, 7238-7245.	3.2	64
125	Nonaminoglycoside compounds induce readthrough of nonsense mutations. <i>Journal of Experimental Medicine</i> , 2009, 206, 2285-2297.	4.2	127
126	Ion channel and toxin measurement using a high throughput lipid membrane platform. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1806-1810.	5.3	66

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127	Discovery and structure-activity relationship analysis of Staphylococcus aureus sortase A inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7174-7185.	1.4	94
128	Integrated Chemical Genomics Reveals Modifiers of Survival in Human Embryonic Stem Cells. <i>Stem Cells</i> , 2009, 27, 533-542.	1.4	49
129	A high-throughput screening strategy identifies cardiotoxic steroids as alternative splicing modulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11218-11223.	3.3	130
130	Regulation of Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Dopamine Receptor-Mediated Signaling Pathways. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008, 48, 531-540.	0.9	7
131	Amiodarone and Bepridil Inhibit Anthrax Toxin Entry into Host Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2403-2411.	1.4	33
132	The Small Molecule Harmine Is an Antidiabetic Cell-Type-Specific Regulator of PPAR β Expression. <i>Cell Metabolism</i> , 2007, 5, 357-370.	7.2	180
133	Cell-based chemical genetic screen identifies damnacanthal as an inhibitor of HIV-1 Vpr induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1101-1106.	1.0	47
134	Mycophenolic Acid Is a Potent Inhibitor of Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2414-2416.	1.1	28
135	PNA-Encoded Protease Substrate Microarrays. <i>Chemistry and Biology</i> , 2004, 11, 1351-1360.	6.2	137
136	Src Family Kinases: Potential Targets for the Treatment of Human Cancer and Leukemia. <i>Current Pharmaceutical Design</i> , 2003, 9, 2043-2059.	0.9	113
137	Towards the Generation of Artificial O ⁶ -Alkylguanine-DNA Alkyltransferases: In Vitro Selection of Antibodies with Reactive Cysteine Residues. <i>ChemBioChem</i> , 2002, 3, 573.	1.3	5
138	Synthesis and Applications of Chemical Probes for Human O ⁶ -Alkylguanine-DNA Alkyltransferase. <i>ChemBioChem</i> , 2001, 2, 285-287.	1.3	28