

# James Inglese

## List of Publications by Year in descending order

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138  
papers

11,681  
citations

31976

53  
h-index

29157

104  
g-index

146  
all docs

146  
docs citations

146  
times ranked

13337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative high-throughput screening: A titration-based approach that efficiently identifies biological activities in large chemical libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11473-11478.	7.1	733
2	Pyruvate kinase M2 activators promote tetramer formation and suppress tumorigenesis. <i>Nature Chemical Biology</i> , 2012, 8, 839-847.	8.0	614
3	High-throughput screening assays for the identification of chemical probes. <i>Nature Chemical Biology</i> , 2007, 3, 466-479.	8.0	555
4	Protein kinases that phosphorylate activated G protein-coupled receptors. <i>FASEB Journal</i> , 1995, 9, 175-182.	0.5	494
5	Activation of the cloned muscarinic potassium channel by G protein $\beta\gamma$ subunits. <i>Nature</i> , 1994, 370, 143-146.	27.8	484
6	Apparent activity in high-throughput screening: origins of compound-dependent assay interference. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 315-324.	6.1	365
7	A High-Throughput Screen for Aggregation-Based Inhibition in a Large Compound Library. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2385-2390.	6.4	332
8	Isoprenylation in regulation of signal transduction by G-protein-coupled receptor kinases. <i>Nature</i> , 1992, 359, 147-150.	27.8	310
9	Ca <sup>2+</sup> -dependent Interaction of Recoverin with Rhodopsin Kinase. <i>Journal of Biological Chemistry</i> , 1995, 270, 18060-18066.	3.4	267
10	Illuminating Insights into Firefly Luciferase and Other Bioluminescent Reporters Used in Chemical Biology. <i>Chemistry and Biology</i> , 2010, 17, 646-657.	6.0	264
11	Identification of oxadiazoles as new drug leads for the control of schistosomiasis. <i>Nature Medicine</i> , 2008, 14, 407-412.	30.7	250
12	Fluorescence Spectroscopic Profiling of Compound Libraries. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2363-2371.	6.4	247
13	Functional genomic screening identifies dual leucine zipper kinase as a key mediator of retinal ganglion cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4045-4050.	7.1	239
14	Compound Cytotoxicity Profiling Using Quantitative High-Throughput Screening. <i>Environmental Health Perspectives</i> , 2008, 116, 284-291.	6.0	232
15	Quantitative Analyses of Aggregation, Autofluorescence, and Reactivity Artifacts in a Screen for Inhibitors of a Thiol Protease. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 37-51.	6.4	213
16	Selective and Cell-Active Inhibitors of the USP1/ UAF1 Deubiquitinase Complex Reverse Cisplatin Resistance in Non-small Cell Lung Cancer Cells. <i>Chemistry and Biology</i> , 2011, 18, 1390-1400.	6.0	183
17	Mechanism of PTC124 activity in cell-based luciferase assays of nonsense codon suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3585-3590.	7.1	182
18	Characterization of Chemical Libraries for Luciferase Inhibitory Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2372-2386.	6.4	180

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19	Characterization of the G Protein-coupled Receptor Kinase GRK4. <i>Journal of Biological Chemistry</i> , 1996, 271, 6403-6410.	3.4	172
20	Comprehensive Mechanistic Analysis of Hits from High-Throughput and Docking Screens against $\beta$ -Lactamase. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2502-2511.	6.4	169
21	Molecular basis for the high-affinity binding and stabilization of firefly luciferase by PTC124. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4878-4883.	7.1	161
22	Comprehensive characterization of cytochrome P450 isozyme selectivity across chemical libraries. <i>Nature Biotechnology</i> , 2009, 27, 1050-1055.	17.5	154
23	Three classes of glucocerebrosidase inhibitors identified by quantitative high-throughput screening are chaperone leads for Gaucher disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13192-13197.	7.1	139
24	Evaluation of Substituted <i>N</i> , <i>N</i> - $\alpha$ -Diarylsulfonamides as Activators of the Tumor Cell Specific M2 Isoform of Pyruvate Kinase. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1048-1055.	6.4	135
25	Mitigating risk in academic preclinical drug discovery. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 279-294.	46.4	131
26	Chemical Genomic Profiling for Antimalarial Therapies, Response Signatures, and Molecular Targets. <i>Science</i> , 2011, 333, 724-729.	12.6	130
27	A Robotic Platform for Quantitative High-Throughput Screening. <i>Assay and Drug Development Technologies</i> , 2008, 6, 637-657.	1.2	126
28	Firefly Luciferase in Chemical Biology: A Compendium of Inhibitors, Mechanistic Evaluation of Chemotypes, and Suggested Use As a Reporter. <i>Chemistry and Biology</i> , 2012, 19, 1060-1072.	6.0	122
29	Evaluation of thieno[3,2- <i>b</i> ]pyrrole[3,2- <i>d</i> ]pyridazinones as activators of the tumor cell specific M2 isoform of pyruvate kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3387-3393.	2.2	112
30	A Specific Mechanism for Nonspecific Activation in Reporter-Gene Assays. <i>ACS Chemical Biology</i> , 2008, 3, 463-470.	3.4	109
31	Multisubstrate adduct inhibitors of glycinamide ribonucleotide transformylase: Synthetic and enzyme-assembled.. <i>Tetrahedron</i> , 1991, 47, 2351-2364.	1.9	106
32	Identification and Optimization of Inhibitors of Trypanosomal Cysteine Proteases: Cruzain, Rhodesain, and TbCatB. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 52-60.	6.4	103
33	Small-molecule agonists for the thyrotropin receptor stimulate thyroid function in human thyrocytes and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12471-12476.	7.1	102
34	Quantitative High-Throughput Screen Identifies Inhibitors of the <i>Schistosoma mansoni</i> Redox Cascade. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e127.	3.0	101
35	Reporting data from high-throughput screening of small-molecule libraries. <i>Nature Chemical Biology</i> , 2007, 3, 438-441.	8.0	97
36	A bioluminescent cytotoxicity assay for assessment of membrane integrity using a proteolytic biomarker. <i>Toxicology in Vitro</i> , 2008, 22, 1099-1106.	2.4	86

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37	Development of an intact cell reporter gene $\beta$ -lactamase assay for G protein-coupled receptors for high-throughput screening. <i>Analytical Biochemistry</i> , 2003, 314, 16-29.	2.4	82
38	The Increasing Urgency for Standards in Basic Biologic Research. <i>Cancer Research</i> , 2014, 74, 4024-4029.	0.9	76
39	Structure Mechanism Insights and the Role of Nitric Oxide Donation Guide the Development of Oxadiazole-2-Oxides as Therapeutic Agents against Schistosomiasis. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6474-6483.	6.4	74
40	Identification of phosphotyrosine mimetic inhibitors of human tyrosyl-DNA phosphodiesterase I by a novel AlphaScreen high-throughput assay. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 240-248.	4.1	73
41	Compound Management for Quantitative High-Throughput Screening. <i>Journal of the Association for Laboratory Automation</i> , 2008, 13, 79-89.	2.8	72
42	Differentiating Alzheimer disease-associated aggregates with small molecules. <i>Neurobiology of Disease</i> , 2007, 28, 251-260.	4.4	71
43	Characterization of Diversity in Toxicity Mechanism Using in Vitro Cytotoxicity Assays in Quantitative High Throughput Screening. <i>Chemical Research in Toxicology</i> , 2008, 21, 659-667.	3.3	70
44	A Basis for Reduced Chemical Library Inhibition of Firefly Luciferase Obtained from Directed Evolution. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1450-1458.	6.4	70
45	Evaluation of substituted 6-arylquinazolin-4-amines as potent and selective inhibitors of cdc2-like kinases (Clk). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6700-6705.	2.2	69
46	Crystal structure of glycinamide ribonucleotide transformylase from <i>Escherichia coli</i> at 3.0 Å resolution. <i>Journal of Molecular Biology</i> , 1992, 227, 283-292.	4.2	65
47	Profile of the GSK Published Protein Kinase Inhibitor Set Across ATP-Dependent and-Independent Luciferases: Implications for Reporter-Gene Assays. <i>PLoS ONE</i> , 2013, 8, e57888.	2.5	65
48	Genetic mapping of targets mediating differential chemical phenotypes in <i>Plasmodium falciparum</i> . <i>Nature Chemical Biology</i> , 2009, 5, 765-771.	8.0	59
49	G Protein-Coupled Receptor Kinase Mediates Desensitization of Norepinephrine-Induced Ca <sup>2+</sup> Channel Inhibition. <i>Neuron</i> , 1996, 16, 579-585.	8.1	58
50	A cell-based $\beta$ -lactamase reporter gene assay for the identification of inhibitors of hepatitis C virus replication. <i>Analytical Biochemistry</i> , 2004, 334, 344-355.	2.4	58
51	Ipomoeassin F Binds Sec61 to Inhibit Protein Translocation. <i>Journal of the American Chemical Society</i> , 2019, 141, 8450-8461.	13.7	58
52	Identification of Potent and Selective Diphenylpropanamide ROR $\beta$ Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 79-84.	2.8	56
53	Rhodopsin Kinase Autophosphorylation. <i>Journal of Biological Chemistry</i> , 1995, 270, 15294-15298.	3.4	55
54	Identification of Chemical Compounds that Induce HIF-1 $\alpha$ Activity. <i>Toxicological Sciences</i> , 2009, 112, 153-163.	3.1	55

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55	Identification of Pregnane X Receptor Ligands Using Time-Resolved Fluorescence Resonance Energy Transfer and Quantitative High-Throughput Screening. <i>Assay and Drug Development Technologies</i> , 2009, 7, 143-169.	1.2	55
56	Heterotrimeric G Proteins Interact with the Small GTPase ARF. <i>Journal of Biological Chemistry</i> , 1995, 270, 24564-24571.	3.4	54
57	ICE1 promotes the link between splicing and nonsense-mediated mRNA decay. <i>ELife</i> , 2018, 7, .	6.0	54
58	A multisubstrate adduct inhibitor of a purine biosynthetic enzyme with a picomolar dissociation constant. <i>Journal of Medicinal Chemistry</i> , 1989, 32, 937-940.	6.4	53
59	A Dual-Fluorescence High-Throughput Cell Line System for Probing Multidrug Resistance. <i>Assay and Drug Development Technologies</i> , 2009, 7, 233-249.	1.2	53
60	Identification of compounds that potentiate CREB signaling as possible enhancers of long-term memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2412-2417.	7.1	52
61	Chemogenomic Profiling of Endogenous <i>PARK2</i> Expression Using a Genome-Edited Coincidence Reporter. <i>ACS Chemical Biology</i> , 2015, 10, 1188-1197.	3.4	52
62	Dual-fluorophore quantitative high-throughput screen for inhibitors of BRCT-phosphoprotein interaction. <i>Analytical Biochemistry</i> , 2008, 375, 60-70.	2.4	47
63	An AlphaScreen <sup>®</sup> -Based High-Throughput Screen to Identify Inhibitors of Hsp90-Cochaperone Interaction. <i>Journal of Biomolecular Screening</i> , 2009, 14, 273-281.	2.6	47
64	Phenotype-driven chemical screening in zebrafish for compounds that inhibit collective cell migration identifies multiple pathways potentially involved in metastatic invasion. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 565-576.	2.4	47
65	Identification of Drug Modulators Targeting Gene-Dosage Disease CMT1A. <i>ACS Chemical Biology</i> , 2012, 7, 1205-1213.	3.4	46
66	Inhibition of natriuretic peptide receptor 1 reduces itch in mice. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	46
67	Exploration and optimization of substituted triazolothiadiazines and triazolopyridazines as PDE4 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3686-3692.	2.2	44
68	Titration-Based Screening for Evaluation of Natural Product Extracts: Identification of an Aspulvinone Family of Luciferase Inhibitors. <i>Chemistry and Biology</i> , 2011, 18, 1442-1452.	6.0	43
69	Discovery of new antimalarial chemotypes through chemical methodology and library development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6775-6780.	7.1	42
70	Phosducin, Potential Role in Modulation of Olfactory Signaling. <i>Journal of Biological Chemistry</i> , 1997, 272, 4606-4612.	3.4	41
71	Comparison of Bioluminescent Kinase Assays Using Substrate Depletion and Product Formation. <i>Assay and Drug Development Technologies</i> , 2009, 7, 606-614.	1.2	41
72	Macrocyclic peptides delineate locked-open inhibition mechanism for microorganism phosphoglycerate mutases. <i>Nature Communications</i> , 2017, 8, 14932.	12.8	41

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73	Cardiac Muscarinic Potassium Channel Activity Is Attenuated by Inhibitors of G $\hat{1}2\hat{3}$ . <i>Circulation Research</i> , 1995, 76, 832-838.	4.5	41
74	A Fluorescence-Based Thiol Quantification Assay for Ultra-High-Throughput Screening for Inhibitors of Coenzyme A Production. <i>Assay and Drug Development Technologies</i> , 2008, 6, 361-374.	1.2	38
75	A Fully Automated [35S]GTP $\hat{3}$ S Scintillation Proximity Assay for the High-Throughput Screening of Gi-Linked G Protein-Coupled Receptors. <i>Assay and Drug Development Technologies</i> , 2003, 1, 261-273.	1.2	36
76	A quantitative high-throughput screen identifies potential epigenetic modulators of gene expression. <i>Analytical Biochemistry</i> , 2008, 375, 237-248.	2.4	35
77	Optimization and Validation of Two Miniaturized Glucocerebrosidase Enzyme Assays for High Throughput Screening. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 817-824.	1.1	35
78	Identification of metabotropic glutamate receptor antagonists using an automated high-throughput screening system. <i>Analytical Biochemistry</i> , 2003, 313, 246-254.	2.4	34
79	Miniaturization of Whole Live Cell-Based GPCR Assays Using Microdispensing and Detection Systems. <i>Journal of Biomolecular Screening</i> , 2004, 9, 186-195.	2.6	34
80	A coincidence reporter-gene system for high-throughput screening. <i>Nature Methods</i> , 2012, 9, 937-937.	19.0	34
81	Weighted Feature Significance: A Simple, Interpretable Model of Compound Toxicity Based on the Statistical Enrichment of Structural Features. <i>Toxicological Sciences</i> , 2009, 112, 385-393.	3.1	33
82	Quantitative high-throughput screening identifies inhibitors of anthrax-induced cell death. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5139-5145.	3.0	33
83	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
84	Comparison on Functional Assays for Gq-Coupled GPCRs by Measuring Inositol Monophosphate-1 and Intracellular Calcium in 1536-Well Plate Format. <i>Current Chemical Genomics</i> , 2008, 1, 70-78.	2.0	32
85	A Cell-Based Assay for $\hat{1}2\hat{3}$ Stabilization Using A Two-Color Dual Luciferase-Based Sensor. <i>Assay and Drug Development Technologies</i> , 2007, 5, 85-104.	1.2	31
86	Genome Editing-Enabled HTS Assays Expand Drug Target Pathways for Charcotâ€™Marieâ€™Tooth Disease. <i>ACS Chemical Biology</i> , 2014, 9, 2594-2602.	3.4	31
87	A 1,536-Well cAMP Assay for Gs- and Gi-Coupled Receptors Using Enzyme Fragmentation Complementmentation. <i>Assay and Drug Development Technologies</i> , 2004, 2, 39-49.	1.2	30
88	N4-Phenyl modifications of N2-(2-hydroxyl)ethyl-6-(pyrrolidin-1-yl)-1,3,5-triazine-2,4-diamines enhance glucocerebrosidase inhibition by small molecules with potential as chemical chaperones for Gaucher disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5783-5789.	2.2	30
89	A strategy to discover inhibitors of <i>Bacillus subtilis</i> surfactin-type phosphopantetheinyl transferase. <i>Molecular BioSystems</i> , 2010, 6, 365-375.	2.9	30
90	Methylsulfonylnitrobenzoates, a New Class of Irreversible Inhibitors of the Interaction of the Thyroid Hormone Receptor and Its Obligate Coactivators That Functionally Antagonizes Thyroid Hormone. <i>Journal of Biological Chemistry</i> , 2011, 286, 11895-11908.	3.4	30

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91	Actinoramide A Identified as a Potent Antimalarial from Titration-Based Screening of Marine Natural Product Extracts. <i>Journal of Natural Products</i> , 2015, 78, 2411-2422.	3.0	30
92	Fluorescent Protein-Based Cellular Assays Analyzed by Laser-Scanning Microplate Cytometry in 1536-Well Plate Format. <i>Methods in Enzymology</i> , 2006, 414, 566-589.	1.0	29
93	A High Throughput Fluorescence Polarization Assay for Inhibitors of the GoLoco Motif/G-alpha Interaction. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 396-409.	1.1	28
94	The Pilot Phase of the NIH Chemical Genomics Center. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1181-1193.	2.1	28
95	Rapid RNA-ligand interaction analysis through high-information content conformational and stability landscapes. <i>Nature Communications</i> , 2015, 6, 8898.	12.8	28
96	Quantitative high-throughput screening assays for the discovery and development of SIRP±-CD47 interaction inhibitors. <i>PLoS ONE</i> , 2019, 14, e0218897.	2.5	28
97	Miniaturization of a Hepatitis C Virus RNA Polymerase Assay Using a ~102°C Cooled CCD Camera-Based Imaging System. <i>Analytical Biochemistry</i> , 2001, 290, 214-220.	2.4	26
98	A $\beta$ -Lactamase-Dependent Gal4-Estrogen Receptor $\beta$ Transactivation Assay for the Ultra-High Throughput Screening of Estrogen Receptor $\beta$ Agonists in a 3,456-Well Format. <i>Assay and Drug Development Technologies</i> , 2003, 1, 789-800.	1.2	25
99	Monitoring Compound Integrity With Cytochrome P450 Assays and qHTS. <i>Journal of Biomolecular Screening</i> , 2009, 14, 538-546.	2.6	24
100	Directed evolution of PDZ variants to generate high-affinity detection reagents. <i>Protein Engineering, Design and Selection</i> , 2005, 18, 165-173.	2.1	23
101	A 1,536-Well-Based Kinetic HTS Assay for Inhibitors of <i>Schistosoma mansoni</i> Thioredoxin Glutathione Reductase. <i>Assay and Drug Development Technologies</i> , 2008, 6, 551-555.	1.2	23
102	Identification of a potent new chemotype for the selective inhibition of PDE4. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1297-1303.	2.2	22
103	A furoxan-amodiaquine hybrid as a potential therapeutic for three parasitic diseases. <i>MedChemComm</i> , 2012, 3, 1505.	3.4	21
104	Miniaturizable homogenous time-resolved fluorescence assay for carboxypeptidase B activity. <i>Analytical Biochemistry</i> , 2003, 317, 94-98.	2.4	20
105	Identification of N-(quinolin-8-yl)benzenesulfonamides as agents capable of down-regulating NF $\kappa$ B activity within two separate high-throughput screens of NF $\kappa$ B activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 329-335.	2.2	20
106	Innovation in academic chemical screening: filling the gaps in chemical biology. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 329-338.	6.1	19
107	A homogeneous SIRP±-CD47 cell-based, ligand-binding assay: Utility for small molecule drug development in immuno-oncology. <i>PLoS ONE</i> , 2020, 15, e0226661.	2.5	19
108	Engineering Bacterial Transcription Regulation To Create a Synthetic <i>in Vitro</i> Two-Hybrid System for Protein Interaction Assays. <i>Journal of the American Chemical Society</i> , 2014, 136, 14031-14038.	13.7	16

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109	A High Throughput Screening Assay System for the Identification of Small Molecule Inhibitors of gsp. PLoS ONE, 2014, 9, e90766.	2.5	16
110	A Miniaturized Glucocorticoid Receptor Translocation Assay Using Enzymatic Fragment Complementation Evaluated with qHTS. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 545-559.	1.1	15
111	A High-Throughput 1,536-Well Luminescence Assay for Glutathione S-Transferase Activity. Assay and Drug Development Technologies, 2010, 8, 200-211.	1.2	15
112	A Quantitative High-Throughput Screen Identifies Novel Inhibitors of the Interaction of Thyroid Receptor $\beta^2$ with a Peptide of Steroid Receptor Coactivator 2. Journal of Biomolecular Screening, 2011, 16, 618-627.	2.6	15
113	A quantitative high-throughput screen for modulators of IL-6 signaling: a model for interrogating biological networks using chemical libraries. Molecular BioSystems, 2009, 5, 1039.	2.9	14
114	A PDZ Domain-Based Detection System for Enzymatic Assays. Analytical Biochemistry, 2002, 301, 207-216.	2.4	12
115	Synthesis and evaluation of quinazolin-4-ones as hypoxia-inducible factor-1 $\beta$ inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5239-5243.	2.2	10
116	High-Throughput Screening to Identify Inhibitors of the Type I Interferon $\beta$ Major Histocompatibility Complex Class I Pathway in Skeletal Muscle. ACS Chemical Biology, 2020, 15, 1974-1986.	3.4	10
117	A Macrocyclic Peptide Library with a Structurally Constrained Cyclopropane $\beta$ -containing Building Block Leads to Thiol $\beta$ -independent Inhibitors of Phosphoglycerate Mutase. Chemistry - an Asian Journal, 2020, 15, 2631-2636.	3.3	10
118	The synthesis and evaluation of dihydroquinazolin-4-ones and quinazolin-4-ones as thyroid stimulating hormone receptor agonists. MedChemComm, 2011, 2, 1016.	3.4	9
119	Detecting Secretory Proteins by Acoustic Droplet Ejection in Multiplexed High-Throughput Applications. ACS Chemical Biology, 2019, 14, 497-505.	3.4	9
120	Expanding the HTS paradigm. Drug Discovery Today, 2002, 7, S105-S106.	6.4	7
121	A PDZ domain-based assay for measuring HIV protease activity: Assay design considerations. Protein Science, 2003, 12, 458-467.	7.6	7
122	A fission yeast platform for heterologous expression of mammalian adenylyl cyclases and high throughput screening. Cellular Signalling, 2019, 60, 114-121.	3.6	7
123	A Cell-Based $\beta^2$ -Lactamase Reporter Gene Assay for the CREB Signaling Pathway. Current Chemical Genomics, 2009, 3, 7-12.	2.0	7
124	Genome-Edited Coincidence and PMP22-HiBiT Fusion Reporter Cell Lines Enable an Artifact-Suppressive Quantitative High-Throughput Screening Strategy for <i>PMP22</i> Gene-Dosage Disorder Drug Discovery. ACS Pharmacology and Translational Science, 2021, 4, 1422-1436.	4.9	6
125	Truncated Aspidosperma Alkaloid-Like Scaffolds: Unique Structures for the Discovery of New, Bioactive Compounds. Heterocycles, 2012, 84, 135.	0.7	5
126	Use of a Machine Learning-Based High Content Analysis Approach to Identify Photoreceptor Neurite Promoting Molecules. Advances in Experimental Medicine and Biology, 2016, 854, 597-603.	1.6	5

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127	Evaluation of Micro-Parallel Liquid Chromatography as a Method for HTS-Coupled Actives Verification. <i>Assay and Drug Development Technologies</i> , 2007, 5, 815-824.	1.2	4
128	Chemical genomics for studying parasite gene function and interaction. <i>Trends in Parasitology</i> , 2013, 29, 603-611.	3.3	4
129	Identification of Small Molecule Modulators of Gene Transcription with Anticancer Activity. <i>ACS Chemical Biology</i> , 2014, 9, 2603-2611.	3.4	4
130	Biology-Driven Library Design for Probe Discovery. <i>Chemistry and Biology</i> , 2011, 18, 1204-1205.	6.0	2
131	Genome-Edited Cell Lines for High-Throughput Screening. <i>Methods in Molecular Biology</i> , 2018, 1755, 1-17.	0.9	2
132	Structure-activity relationship of ipglyceramide binding to phosphoglycerate mutases. <i>Journal of Biological Chemistry</i> , 2021, 296, 100628.	3.4	2
133	[13] Prenylation-dependent targeting of g-protein-coupled receptor kinases. <i>Methods in Enzymology</i> , 1995, 250, 149-158.	1.0	0
134	Assay, Preclinical, and Clinical Brick Walls and Opportunities for System Change Through GRANDRx. <i>Assay and Drug Development Technologies</i> , 2010, 8, 128-134.	1.2	0
135	Title is missing!. , 2020, 15, e0226661.		0
136	Title is missing!. , 2020, 15, e0226661.		0
137	Title is missing!. , 2020, 15, e0226661.		0
138	Title is missing!. , 2020, 15, e0226661.		0