R Kiplin Guy

List of Publications by Year
in descending order

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195 papers	13,056 citations	25014 57 h-index	27389 106 g-index
220 all docs	220 docs citations	220 times ranked	16019 citing authors

#	Article	IF	Citations
1	Total synthesis of taxol. Nature, 1994, 367, 630-634.	13.7	1,030
2	Chemistry and Biology of Taxol. Angewandte Chemie International Edition in English, 1994, 33, 15-44.	4.4	605
3	Inactivation of the p53 pathway in retinoblastoma. Nature, 2006, 444, 61-66.	13.7	550
4	Chemical genetics of Plasmodium falciparum. Nature, 2010, 465, 311-315.	13.7	515
5	Structural Analyses Reveal Phosphatidyl Inositols as Ligands for the NR5 Orphan Receptors SF-1 and LRH-1. Cell, 2005, 120, 343-355.	13.5	359
6	Copper-Mediated Cross-Coupling of Aryl Boronic Acids and Alkyl Thiols. Organic Letters, 2000, 2, 2019-2022.	2.4	303
7	High-throughput assays for promiscuous inhibitors. , 2005, 1, 146-148.		300
8	A surface on the androgen receptor that allosterically regulates coactivator binding. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16074-16079.	3.3	269
9	Rapid repurposing of drugs for COVID-19. Science, 2020, 368, 829-830.	6.0	253
10	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	2.1	244
11	An Antagonist of Dishevelled Protein-Protein Interaction Suppresses Î²-Cateninâ€“Dependent Tumor Cell Growth. Cancer Research, 2007, 67, 573-579.	0.4	223
12	Total Synthesis of taxol. 2. Construction of A and C ring intermediates and initial attempts to construct the ABC ring system. Journal of the American Chemical Society, 1995, 117, 634-644.	6.6	219
13	(+)-SJ733, a clinical candidate for malaria that acts through ATP4 to induce rapid host-mediated clearance of Plasmodium. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5455-62.	3.3	199
14	Nanomolar Affinity Small Molecule Correctors of Defective Î”F508-CFTR Chloride Channel Gating. Journal of Biological Chemistry, 2003, 278, 35079-35085.	1.6	192
15	Quinolone-3-Diarylethers: A New Class of Antimalarial Drug. Science Translational Medicine, 2013, 5, 177ra37.	5.8	187
16	MAGI-1, a Membrane-associated Guanylate Kinase with a Unique Arrangement of Protein-Protein Interaction Domains. Journal of Biological Chemistry, 1997, 272, 31589-31597.	1.6	186
17	Total Synthesis of Taxol. 1. Retrosynthesis, Degradation, and Reconstitution. Journal of the American Chemical Society, 1995, 117, 624-633.	6.6	182
18	Identification and Characterization of the First Small Molecule Inhibitor of MDMX. Journal of Biological Chemistry, 2010, 285, 10786-10796.	1.6	171

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19	Scaffold composition and biological relevance of screening libraries. Nature Chemical Biology, 2007, 3, 442-446.	3.9	164
20	Total Synthesis of Taxol. 3. Formation of Taxol's ABC Ring Skeleton. Journal of the American Chemical Society, 1995, 117, 645-652.	6.6	162
21	Efficacy of Retinoids in IKZF1-Mutated BCR-ABL1 Acute Lymphoblastic Leukemia. Cancer Cell, 2015, 28, 343-356.	7.7	145
22	Discovery of potent thiosemicarbazone inhibitors of rhodesain and cruzain. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 121-123.	1.0	143
23	The Molecular Mechanisms of Coactivator Utilization in Ligand-dependent Transactivation by the Androgen Receptor. Journal of Biological Chemistry, 2005, 280, 8060-8068.	1.6	139
24	Targeting the Binding Function 3 (BF3) Site of the Human Androgen Receptor through Virtual Screening.. Journal of Medicinal Chemistry, 2011, 54, 8563-8573.	2.9	136
25	Pemetrexed and Gemcitabine as Combination Therapy for the Treatment of Group3 Medulloblastoma. Cancer Cell, 2014, 25, 516-529.	7.7	128
26	NALP3 inflammasome upregulation and CASP1 cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. Nature Genetics, 2015, 47, 607-614.	9.4	126
27	Global Phenotypic Screening for Antimalarials. Chemistry and Biology, 2012, 19, 116-129.	6.2	120
28	Targeting the regulation of androgen receptor signaling by the heat shock protein 90 cochaperone FKBP52 in prostate cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11878-11883.	3.3	118
29	Searching for New Antimalarial Therapeutics amongst Known Drugs. Chemical Biology and Drug Design, 2006, 67, 409-416.	1.5	110
30	An Integrated InÂVitro and InÂVivo High-Throughput Screen Identifies Treatment Leads for Ependymoma. Cancer Cell, 2011, 20, 384-399.	7.7	105
31	Synthesis of ring-substituted 4-aminoquinolines and evaluation of their antimalarial activities. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1015-1018.	1.0	103
32	Discovery of Trypanocidal Compounds by Whole Cell HTS of Trypanosoma brucei. Chemical Biology and Drug Design, 2006, 67, 355-363.	1.5	97
33	Reporting data from high-throughput screening of small-molecule libraries. Nature Chemical Biology, 2007, 3, 438-441.	3.9	97
34	Discovery of Small Molecule Inhibitors of the Interaction of the Thyroid Hormone Receptor with Transcriptional Coregulators. Journal of Biological Chemistry, 2005, 280, 43048-43055.	1.6	96
35	Non-competitive androgen receptor inhibition in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7233-7238.	3.3	96
36	Novel Selective Inhibitors of the Interaction of Individual Nuclear Hormone Receptors with a Mutually Shared Steroid Receptor Coactivator 2. Journal of the American Chemical Society, 2003, 125, 6852-6853.	6.6	92

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37	Synthesis of Medium Ring Heterocycles Using an Intramolecular Heck Reaction. Organic Letters, 2004, 6, 3005-3007.	2.4	89
38	Targeting the p53 Pathway in Retinoblastoma with Subconjunctival Nutlin-3a. Cancer Research, 2011, 71, 4205-4213.	0.4	89
39	The Conquest of Taxol. Angewandte Chemie International Edition in English, 1995, 34, 2079-2090.	4.4	82
40	Blocking an N-terminal acetylationâ€“dependent protein interaction inhibits an E3 ligase. Nature Chemical Biology, 2017, 13, 850-857.	3.9	80
41	Automated High-Throughput System to Fractionate Plant Natural Products for Drug Discovery. Journal of Natural Products, 2010, 73, 751-754.	1.5	79
42	Activity of piperaquine and other 4-aminoquinoline antiplasmodial drugs against chloroquine-sensitive and resistant blood-stages of Plasmodium falciparum. Biochemical Pharmacology, 2007, 73, 1910-1926.	2.0	78
43	Inhibition of a viral enzyme by a small-molecule dimer disruptor. Nature Chemical Biology, 2009, 5, 640-646.	3.9	77
44	Discovery of Novel Antimalarial Compounds Enabled by QSAR-Based Virtual Screening. Journal of Chemical Information and Modeling, 2013, 53, 475-492.	2.5	77
45	Incorporation of an Intramolecular Hydrogen-Bonding Motif in the Side Chain of 4-Aminoquinolines Enhances Activity against Drug-Resistant P. falciparum. Journal of Medicinal Chemistry, 2006, 49, 4535-4543.	2.9	76
46	CDK2 inhibitors as candidate therapeutics for cisplatin- and noise-induced hearing loss. Journal of Experimental Medicine, 2018, 215, 1187-1203.	4.2	75
47	Parallel synthesis of 9-aminoacridines and their evaluation against chloroquine-resistant Plasmodium falciparum. Bioorganic and Medicinal Chemistry, 2006, 14, 334-343.	1.4	74
48	Proteomimetic Libraries:Â Design, Synthesis, and Evaluation of p53â^'MDM2 Interaction Inhibitors. ACS Combinatorial Science, 2006, 8, 315-325.	3.3	72
49	Lead Optimization of 3-Carboxyl-4(1H)-Quinolones to Deliver Orally Bioavailable Antimalarials. Journal of Medicinal Chemistry, 2012, 55, 4205-4219.	2.9	71
50	Taxoids: New Weapons against Cancer. Scientific American, 1996, 274, 94-98.	1.0	70
51	A Selective Irreversible Inhibitor Targeting a PDZ Protein Interaction Domain. Journal of the American Chemical Society, 2003, 125, 12074-12075.	6.6	70
52	Synthesis and Testing of a Focused Phenothiazine Library for Binding to HIV-1 TAR RNA. Chemistry and Biology, 2006, 13, 993-1000.	6.2	68
53	Open Source Drug Discovery: Highly Potent Antimalarial Compounds Derived from the Tres Cantos Arylpyrroles. ACS Central Science, 2016, 2, 687-701.	5.3	68
54	Anticancer Properties of Distinct Antimalarial Drug Classes. PLoS ONE, 2013, 8, e82962.	1.1	67

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55	Antimalarials in Development in 2014. Chemical Reviews, 2014, 114, 11221-11241.	23.0	64
56	Benzoflavone activators of the cystic fibrosis transmembrane conductance regulator: towards a pharmacophore model for the nucleotide-binding domain. Bioorganic and Medicinal Chemistry, 2003, 11, 4113-4120.	1.4	62
57	Quantification of the Vitamin D Receptorâ˜Coregulator Interaction. Biochemistry, 2009, 48, 1454-1461.	1.2	62
58	Inhibition of sonic hedgehog autoprocessing in cultured mammalian cells by sterol deprivation. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7307-7312.	3.3	61
59	Chemical Synthesis and Biological Evaluation of C-2 Taxoids. Journal of the American Chemical Society, 1995, 117, 2409-2420.	6.6	60
60	Quantitative Proteomics of the Thyroid Hormone Receptor-Coregulator Interactions. Journal of Biological Chemistry, 2004, 279, 27584-27590.	1.6	58
61	Development of Potent Purine-Derived Nitrile Inhibitors of the Trypanosomal Protease TbcatB. Journal of Medicinal Chemistry, 2008, 51, 545-552.	2.9	58
62	Conformation of a water-soluble derivative of taxol in water by 2D-NMR spectroscopy. Chemistry and Biology, 1994, 1, 107-112.	6.2	57
63	Fluorescent taxoids. Chemistry and Biology, 1996, 3, 1021-1031.	6.2	57
64	Parallel Synthesis and Antimalarial Screening of a 4-Aminoquinoline Library. ACS Combinatorial Science, 2004, 6, 437-442.	3.3	57
65	Structural Insight into the Mode of Action of a Direct Inhibitor of Coregulator Binding to the Thyroid Hormone Receptor. Molecular Endocrinology, 2007, 21, 2919-2928.	3.7	57
66	The interdependence between screening methods and screening libraries. Current Opinion in Chemical Biology, 2007, 11, 244-251.	2.8	54
67	Whole-Body Physiologically Based Pharmacokinetic Model for Nutlin-3a in Mice after Intravenous and Oral Administration. Drug Metabolism and Disposition, 2011, 39, 15-21.	1.7	53
68	Discovery of trypanocidal thiosemicarbazone inhibitors of rhodesain and TbcatB. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2883-2885.	1.0	52
69	An Î±-Helical Peptidomimetic Inhibitor of the HIV-1 Revâ˜RRE Interaction. Journal of the American Chemical Society, 2006, 128, 3496-3497.	6.6	51
70	Improvement of Pharmacological Properties of Irreversible Thyroid Receptor Coactivator Binding Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 3892-3901.	2.9	51
71	Role of Electrostatic Interactions in PDZ Domain Ligand Recognitionâ€. Biochemistry, 2003, 42, 2797-2805.	1.2	50
72	Development of a New Generation of 4-Aminoquinoline Antimalarial Compounds Using Predictive Pharmacokinetic and Toxicology Models. Journal of Medicinal Chemistry, 2010, 53, 3685-3695.	2.9	50

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73	On the Mechanism of Action of SJ-172550 in Inhibiting the Interaction of MDM4 and p53. PLoS ONE, 2012, 7, e37518.	1.1	49
74	Isotopically labeled crosslinking reagents: resolution of mass degeneracy in the identification of crosslinked peptides. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 4023-4026.	1.0	48
75	Safety, tolerability, pharmacokinetics, and antimalarial efficacy of a novel Plasmodium falciparum ATP4 inhibitor SJ733: a first-in-human and induced blood-stage malaria phase 1a/b trial. Lancet Infectious Diseases, The, 2020, 20, 964-975.	4.6	47
76	Discovery of the First Irreversible Small Molecule Inhibitors of the Interaction between the Vitamin D Receptor and Coactivators. Journal of Medicinal Chemistry, 2012, 55, 4640-4651.	2.9	43
77	Synthesis of C-2 Taxol Analogues. Angewandte Chemie International Edition in English, 1994, 33, 1581-1583.	4.4	42
78	Targeting Histone Demethylases in MYC-Driven Neuroblastomas with Ciclopirox. Cancer Research, 2017, 77, 4626-4638.	0.4	42
79	Progress in Small Molecule Therapeutics for the Treatment of Retinoblastoma. Mini-Reviews in Medicinal Chemistry, 2016, 16, 430-454.	1.1	42
80	Ligand-Selective Inhibition of the Interaction of Steroid Receptor Coactivators and Estrogen Receptor Isoforms. Chemistry and Biology, 2004, 11, 273-281.	6.2	41
81	Inhibitors of the Interaction of a Thyroid Hormone Receptor and Coactivators:â€‰ Preliminary Structureâ"Activity Relationships. Journal of Medicinal Chemistry, 2007, 50, 5269-5280.	2.9	41
82	Evaluation of Diarylureas for Activity Against Plasmodium falciparum. ACS Medicinal Chemistry Letters, 2010, 1, 460-465.	1.3	41
83	UPLC-MS-ELSD-PDA as a Powerful Dereplication Tool to Facilitate Compound Identification from Small-Molecule Natural Product Libraries. Journal of Natural Products, 2014, 77, 902-909.	1.5	41
84	Organocatalytic, Diastereo- and Enantioselective Synthesis of Nonsymmetric cis-Stilbene Diamines: A Platform for the Preparation of Single-Enantiomer cis-Imidazolines for Proteinâ€"Protein Inhibition. Journal of Organic Chemistry, 2014, 79, 6913-6938.	1.7	41
85	Evaluation of artemisinins for the treatment of acute myeloid leukemia. Cancer Chemotherapy and Pharmacology, 2016, 77, 1231-1243.	1.1	41
86	Discovery of an Orally Bioavailable Inhibitor of Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. Journal of Medicinal Chemistry, 2018, 61, 2694-2706.	2.9	41
87	An Inhibitor of the Interaction of Thyroid Hormone Receptor Î² and Glucocorticoid Interacting Protein 1. Journal of the American Chemical Society, 2001, 123, 1525-1526.	6.6	40
88	Hit-to-Lead Studies for the Antimalarial Tetrahydroisoquinolone Carboxanilides. Journal of Medicinal Chemistry, 2016, 59, 7950-7962.	2.9	40
89	A Novel 2â€˜-(N-Methylpyridinium Acetate) Prodrug of Paclitaxel Induces Superior Antitumor Responses in Preclinical Cancer Models. Bioconjugate Chemistry, 2002, 13, 1093-1099.	1.8	38
90	A Solid-Phase Approach to the Phallotoxins:Â Total Synthesis of [Ala7]-Phalloidin. Journal of Organic Chemistry, 2005, 70, 4578-4584.	1.7	38

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91	Assay Optimization and Screening of RNA-Protein Interactions by AlphaScreen. Journal of Biomolecular Screening, 2007, 12, 946-955.	2.6	38
92	Synthesis and structureâ€“activity relationships of antimalarial 4-oxo-3-carboxyl quinolones. Bioorganic and Medicinal Chemistry, 2010, 18, 2756-2766.	1.4	38
93	Synthesis and Evaluation of 7-Substituted 4-Aminoquinoline Analogues for Antimalarial Activity. Journal of Medicinal Chemistry, 2011, 54, 7084-7093.	2.9	38
94	Planarity and Constraint of the Carbonyl Groups in 1,2-Diones Are Determinants for Selective Inhibition of Human Carboxylesterase 1. Journal of Medicinal Chemistry, 2007, 50, 5727-5734.	2.9	37
95	Rational design of a nonpeptide general chemical scaffold for reversible inhibition of PDZ domain interactions. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 549-552.	1.0	36
96	Repositioning: the fast track to new anti-malarial medicines?. Malaria Journal, 2014, 13, 143.	0.8	36
97	Evaluation of histone deacetylase inhibitors (HDACi) as therapeutic leads for human African trypanosomiasis (HAT). Bioorganic and Medicinal Chemistry, 2015, 23, 5151-5155.	1.4	35
98	Partial Acetylation of Lysine Residues Improves Intraprotein Cross-Linking. Analytical Chemistry, 2008, 80, 951-960.	3.2	34
99	Piperidinyl Ureas Chemically Control Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. Journal of Medicinal Chemistry, 2018, 61, 2680-2693.	2.9	34
100	Phenotypic Screens Reveal Posaconazole as a Rapidly Acting Amebicidal Combination Partner for Treatment of Primary Amoebic Meningoencephalitis. Journal of Infectious Diseases, 2019, 219, 1095-1103.	1.9	34
101	A Metallopeptide Assembly of the HIV-1 gp41 Coiled Coil Is an Ideal Receptor in Fluorescence Detection of Ligand Binding. Angewandte Chemie - International Edition, 2003, 42, 5325-5328.	7.2	33
102	A novel protein crosslinking reagent for the determination of moderate resolution protein structures by mass spectrometry (MS3-D). Bioorganic and Medicinal Chemistry Letters, 2004, 14, 427-429.	1.0	33
103	Antimalarial activity of thiosemicarbazones and purine derived nitriles. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3546-3549.	1.0	33
104	Discovery of Potent and Selective Inhibitors of Trypanosoma brucei Ornithine Decarboxylase. Journal of Biological Chemistry, 2010, 285, 16771-16781.	1.6	33
105	Optimization of a Novel Series of Ataxia-Telangiectasia Mutated Kinase Inhibitors as Potential Radiosensitizing Agents. Journal of Medicinal Chemistry, 2016, 59, 559-577.	2.9	33
106	Development of a Cell-Based, High-Throughput Screening Assay for ATM Kinase Inhibitors. Journal of Biomolecular Screening, 2014, 19, 538-546.	2.6	32
107	Gene expression as a drug discovery tool. Nature Genetics, 2004, 36, 214-215.	9.4	30
108	Methylsulfonylnitrobenzoates, a New Class of Irreversible Inhibitors of the Interaction of the Thyroid Hormone Receptor and Its Obligate Coactivators That Functionally Antagonizes Thyroid Hormone. Journal of Biological Chemistry, 2011, 286, 11895-11908.	1.6	30

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109	Enzymatic resolution of a key stereochemical intermediate for the synthesis of (â^')-taxol. Tetrahedron Letters, 1995, 36, 3291-3294.	0.7	29
110	Coregulator Interactions with the Thyroid Hormone Receptor. Molecular and Cellular Proteomics, 2005, 4, 475-482.	2.5	29
111	Structureâ€“activity relationship study of 9-aminoacridine compounds in scrapie-infected neuroblastoma cells. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 4913-4916.	1.0	29
112	Monitoring Ligand-Induced Protein Ordering in Drug Discovery. Journal of Molecular Biology, 2016, 428, 1290-1303.	2.0	29
113	Synthesis of Artemiside and Its Effects in Combination with Conventional Drugs against Severe Murine Malaria. Antimicrobial Agents and Chemotherapy, 2012, 56, 163-173.	1.4	28
114	Bromodomain-Selective BET Inhibitors Are Potent Antitumor Agents against MYC-Driven Pediatric Cancer. Cancer Research, 2020, 80, 3507-3518.	0.4	28
115	A High-Throughput Screening Method to Identify Small Molecule Inhibitors of Thyroid Hormone Receptor Coactivator Binding. Science Signaling, 2006, 2006, pl3-pl3.	1.6	27
116	Die Eroberung von Taxol. Angewandte Chemie, 1995, 107, 2247-2259.	1.6	26
117	A high-throughput screen indicates gemcitabine and JAK inhibitors may be useful for treating pediatric AML. Nature Communications, 2019, 10, 2189.	5.8	26
118	Structure-Guided Development of Selective TbcatB Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 6489-6493.	2.9	25
119	Pharmacokinetics and Efficacy of the Spleen Tyrosine Kinase Inhibitor R406 after Ocular Delivery for Retinoblastoma. Pharmaceutical Research, 2014, 31, 3060-3072.	1.7	24
120	Discovery of Novel Pyrazolo-pyridone DCN1 Inhibitors Controlling Cullin Neddylation. Journal of Medicinal Chemistry, 2019, 62, 8429-8442.	2.9	24
121	Identification of Selective Inhibitors of the Plasmodium falciparum Hexose Transporter PfHT by Screening Focused Libraries of Anti-Malarial Compounds. PLoS ONE, 2015, 10, e0123598.	1.1	23
122	Discovery of novel, orally bioavailable, antileishmanial compounds using phenotypic screening. PLoS Neglected Tropical Diseases, 2017, 11, e0006157.	1.3	23
123	Exploiting a water network to achieve enthalpy-driven, bromodomain-selective BET inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 25-36.	1.4	23
124	Synthesis and Evaluation of Sulfonylnitrophenylthiazoles (SNPTs) as Thyroid Hormone Receptorâ€“Coactivator Interaction Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 2301-2310.	2.9	22
125	Screening and Development of New Inhibitors of FtsZ from M. Tuberculosis. PLoS ONE, 2016, 11, e0164100.	1.1	22
126	Flexibility is important for inhibition of the MDM2/p53 proteinâ€“protein interaction by cyclic Î²-hairpins. Organic and Biomolecular Chemistry, 2016, 14, 10386-10393.	1.5	22

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127	Novel Flufenamic Acid Analogues as Inhibitors of Androgen Receptor Mediated Transcription. ACS Chemical Biology, 2009, 4, 834-843.	1.6	21
128	A High-Throughput Ligand Competition Binding Assay for the Androgen Receptor and Other Nuclear Receptors. Journal of Biomolecular Screening, 2009, 14, 43-48.	2.6	21
129	Optimization of Propafenone Analogues as Antimalarial Leads. Journal of Medicinal Chemistry, 2011, 54, 7477-7485.	2.9	21
130	Diverse amide analogs of sulindac for cancer treatment and prevention. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4614-4621.	1.0	21
131	The Chemical Synthesis of Câ€Ring Aryl Taxoids. Chemistry - A European Journal, 1997, 3, 399-409.	1.7	20
132	Interaction between the androgen receptor and a segment of its corepressor SHP. Acta Crystallographica Section D: Biological Crystallography, 2007, 63, 1198-1200.	2.5	20
133	Ventromorphins: A New Class of Small Molecule Activators of the Canonical BMP Signaling Pathway. ACS Chemical Biology, 2017, 12, 2436-2447.	1.6	20
134	Synthesis and Structureâ€“Activity Relationship of Dual-Stage Antimalarial Pyrazolo[3,4-b]pyridines. Journal of Medicinal Chemistry, 2020, 63, 11902-11919.	2.9	20
135	MDM2 antagonist nutlin-3a reverses mitoxantrone resistance by inhibiting breast cancer resistance protein mediated drug transport. Biochemical Pharmacology, 2011, 82, 24-34.	2.0	19
136	Synthesis of highly substituted dibenzo[b,f]azocines and their evaluation as protein kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5360-5363.	1.0	17
137	Treatment of Murine Cerebral Malaria by Artemisone in Combination with Conventional Antimalarial Drugs: Antiplasmodial Effects and Immune Responses. Antimicrobial Agents and Chemotherapy, 2014, 58, 4745-4754.	1.4	17
138	Seeking the Elusive Long-Acting Ozonide: Discovery of Artefenomel (OZ439). Journal of Medicinal Chemistry, 2017, 60, 2651-2653.	2.9	17
139	Identification of Toll-like receptor signaling inhibitors based on selective activation of hierarchically acting signaling proteins. Science Signaling, 2018, 11, .	1.6	17
140	Potent Plasmodium falciparum Gametocytocidal Activity of Diaminonaphthoquinones, Lead Antimalarial Chemotypes Identified in an Antimalarial Compound Screen. Antimicrobial Agents and Chemotherapy, 2015, 59, 1389-1397.	1.4	16
141	Parallel Synthesis of Diarylureas and Their Evaluation as Inhibitors of Insulin-Like Growth Factor Receptor. ACS Combinatorial Science, 2006, 8, 784-790.	3.3	15
142	Optimization of a Non-Radioactive High-Throughput Assay for Decarboxylase Enzymes. Assay and Drug Development Technologies, 2010, 8, 175-185.	0.6	15
143	A Quantitative High-Throughput Screen Identifies Novel Inhibitors of the Interaction of Thyroid Receptor Î² with a Peptide of Steroid Receptor Coactivator 2. Journal of Biomolecular Screening, 2011, 16, 618-627.	2.6	15
144	Shared Consensus Machine Learning Models for Predicting Blood Stage Malaria Inhibition. Journal of Chemical Information and Modeling, 2017, 57, 445-453.	2.5	15

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145	Antimalarial activity of 10-alkyl/aryl esters and -aminoethylethers of artemisinin. Bioorganic Chemistry, 2013, 46, 10-16.	2.0	14
146	Investigation of the PDZ domain ligand binding site using chemically modified peptides. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2471-2474.	1.0	13
147	Design of a selective chemical probe for class I PDZ domains. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 546-548.	1.0	13
148	Similarities and Differences between Two Modes of Antagonism of the Thyroid Hormone Receptor. ACS Chemical Biology, 2011, 6, 1096-1106.	1.6	13
149	Optimization of Chloronitrobenzamides (CNBs) as Therapeutic Leads for Human African Trypanosomiasis (HAT). Journal of Medicinal Chemistry, 2013, 56, 2850-2860.	2.9	13
150	LC-MS- and ¹H NMR Spectroscopy-Guided Identification of Antifungal Diterpenoids from Sagittaria latifolia. Journal of Natural Products, 2015, 78, 2255-2259.	1.5	13
151	Lead Optimization of Antimalarial Propafenone Analogues. Journal of Medicinal Chemistry, 2012, 55, 6087-6093.	2.9	12
152	Optimization of the electrophile of chloronitrobenzamide leads active against Trypanosoma brucei. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4127-4131.	1.0	12
153	Dihydroquinazolinone Inhibitors of Proliferation of Blood and Liver Stage Malaria Parasites. Antimicrobial Agents and Chemotherapy, 2014, 58, 1516-1522.	1.4	12
154	Performance of a docking/molecular dynamics protocol for virtual screening of nutlin-class inhibitors of Mdmx. Journal of Molecular Graphics and Modelling, 2017, 74, 54-60.	1.3	12
155	Discovery of halo-nitrobenzamides with potential application against human African trypanosomiasis. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 149-152.	1.0	11
156	Design, Synthesis and Evaluation of 2,5-Diketopiperazines as Inhibitors of the MDM2-p53 Interaction. PLoS ONE, 2015, 10, e0137867.	1.1	11
157	8-Triazolylpurines: Towards Fluorescent Inhibitors of the MDM2/p53 Interaction. PLoS ONE, 2015, 10, e0124423.	1.1	11
158	A Facile One-Pot Synthesis of Symmetrical and Unsymmetrical Acetaldehyde Acetals from Primary Alcohols. Synthetic Communications, 1992, 22, 687-692.	1.1	10
159	Steroid Receptor Coactivator Peptidomimetics. Methods in Enzymology, 2003, 364, 223-246.	0.4	10
160	A Screening-Based Approach to Circumvent Tumor Microenvironment-Driven Intrinsic Resistance to BCR-ABL+ Inhibitors in Ph+ Acute Lymphoblastic Leukemia. Journal of Biomolecular Screening, 2014, 19, 158-167.	2.6	10
161	Antimalarial activity of tetrahydro-Î²-carbolines targeting the ATP binding pocket of the Plasmodium falciparum heat shock 90 protein. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127502.	1.0	10
162	Optimization of purine-nitrile TbcatB inhibitors for use in vivo and evaluation of efficacy in murine models. Bioorganic and Medicinal Chemistry, 2010, 18, 8302-8309.	1.4	9

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163	An All-Purpose Antimalarial Drug Target. Cell Host and Microbe, 2012, 11, 555-557.	5.1	9
164	Discovery of a Diaminopyrimidine FLT3 Inhibitor Active against Acute Myeloid Leukemia. ACS Omega, 2017, 2, 1985-2009.	1.6	9
165	Cysteine modifiers suggest an allosteric inhibitory site on the CAL PDZ domain. Bioscience Reports, 2018, 38, .	1.1	9
166	Podophyllotoxin analogues active versus Trypanosoma brucei. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1787-1791.	1.0	8
167	Antischistosomal versus Antiandrogenic Properties of Aryl Hydantoin Ro 13-3978. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1156-1158.	0.6	8
168	Oxazole and thiazole analogs of sulindac for cancer prevention. Future Medicinal Chemistry, 2018, 10, 743-753.	1.1	8
169	Improvement of Oral Bioavailability of Pyrazolo-Pyridone Inhibitors of the Interaction of DCN1/2 and UBE2M. Journal of Medicinal Chemistry, 2021, 64, 5850-5862.	2.9	8
170	Targeted Inhibition of the MLL Transcriptional Complex By Proteosome Inhibitors Elicits a High Response Rate in Relapsed/Refractory MLL Rearranged Leukemia. Blood, 2014, 124, 972-972.	0.6	8
171	Synthesis and characterization of BODIPY-labeled colchicine. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5867-5870.	1.0	7
172	Selecting an anti-malarial clinical candidate from two potent dihydroisoquinolones. Malaria Journal, 2021, 20, 107.	0.8	7
173	A small diversity library of Î±-methyl amide analogs of sulindac for probing anticancer structure-activity relationships. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2136-2142.	1.0	6
174	Synthesis and evaluation of methylsulfonylnitrobenzamides (MSNBAs) as inhibitors of the thyroid hormone receptorâ€“coactivator interaction. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1891-1895.	1.0	5
175	Pentacyclic nitrofurans that rapidly kill nifurtimox-resistant trypanosomes. Journal of Antimicrobial Chemotherapy, 2016, 71, 956-963.	1.3	5
176	Evaluation of 1,1-cyclopropylidene as a thioether isostere in the 4-thio-thienopyrimidine (TTP) series of antimalarials. Bioorganic and Medicinal Chemistry, 2020, 28, 115758.	1.4	5
177	Amino-Substituted 3-Aryl- and 3-Heteroarylquinolines as Potential Antileishmanial Agents. Journal of Medicinal Chemistry, 2021, 64, 12152-12162.	2.9	5
178	An Automated Approach to Efficiently Reformat a Large Collection of Compounds. Current Chemical Genomics, 2011, 5, 42-47.	2.0	5
179	A road less traveled by: Exploring a decade of Ellman chemistry. Bioorganic and Medicinal Chemistry, 2009, 17, 1088-1093.	1.4	4
180	Diversity-oriented natural product platform identifies plant constituents targeting Plasmodium falciparum. Malaria Journal, 2016, 15, 270.	0.8	4

#	Article	IF	Citations
181	Ligand Competition Binding Assay for the Androgen Receptor. Methods in Molecular Biology, 2011, 776, 59-68.	0.4	4
182	Combining SJ733, an oral ATP4 inhibitor of Plasmodium falciparum, with the pharmacokinetic enhancer cobicistat: An innovative approach in antimalarial drug development. EBioMedicine, 2022, 80, 104065.	2.7	4
183	Identification of Plasmodium falciparum heat shock 90 inhibitors via molecular docking. Bioorganic and Medicinal Chemistry Letters, 2021, 35, 127818.	1.0	3
184	A Convenient Procedure for Parallel Ester Hydrolysis. Synlett, 2004, 2004, 2391-2393.	1.0	2
185	Chemical Approaches to Nuclear Receptors in MetabolismA report on the workshop â€œChemical Approaches to Nuclear Receptors and Metabolism,â€•sponsored by National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, USA, 16 to 17 April 2009.. Science Signaling, 2009, 2, mr5.	1.6	2
186	Report of the 2018-2019 Research and Graduate Affairs Committee. American Journal of Pharmaceutical Education, 2019, 83, 7595.	0.7	2
187	Similarly efficacious anti-malarial drugs SJ733 and pyronaridine differ in their ability to remove circulating parasites in mice. Malaria Journal, 2022, 21, 49.	0.8	2
188	Antimalarial activity of 2,6-dibenzylidenecyclohexanone derivatives. Bioorganic and Medicinal Chemistry Letters, 2021, 47, 128216.	1.0	1
189	Synthesis of Medium Ring Heterocycles Using an Intramolecular Heck Reaction.. ChemInform, 2004, 35, no.	0.1	0
190	Discovery of Potent Thiosemicarbazone Inhibitors (V) of Rhodesain and Cruzain.. ChemInform, 2005, 36, no.	0.1	0
191	Synthesis of Ring-Substituted 4-Aminoquinolines and Evaluation of Their Antimalarial Activities.. ChemInform, 2005, 36, no.	0.1	0
192	Current and emerging therapy for improving outcomes in patients with intraocular retinoblastoma. Expert Opinion on Orphan Drugs, 2015, 3, 1155-1166.	0.5	0
193	Universityâ€“pharmacy partnerships for COVID-19. Science, 2020, 369, 1441-1441.	6.0	0
194	Modeling Small Moleculeâ€RNA Interactions: Applications to HIV TAR RNA. FASEB Journal, 2006, 20, A73.	0.2	0
195	Integrated High-Throughput Screen to Identify Novel Treatment Leads for Pediatric Acute Myeloid Leukemia. SSRN Electronic Journal, 0, , .	0.4	0