Conrad Kunick

List of Publications by Year
in descending order

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84 papers	3,316 citations	172457 29 h-index	155660 55 g-index
98 all docs	98 docs citations	98 times ranked	3731 citing authors

#	Article	IF	Citations
1	Differential maturation and chaperone dependence of the paralogous protein kinases DYRK1A and DYRK1B. Scientific Reports, 2022, 12, 2393.	3.3	6
2	Expression of protein kinase HIPK2 is subject to a quality control mechanism that acts during translation and requires its kinase activity to prevent degradation of nascent HIPK2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118894.	4.1	6
3	7-(2-Anilinopyrimidin-4-yl)-1-benzazepin-2-ones Designed by a â€œCut and Glueâ€•Strategy Are Dual Aurora A/VEGF-R Kinase Inhibitors. Molecules, 2021, 26, 1611.	3.8	3
4	A novel inhibitor rescues cerebellar defects in a zebrafish model of Down syndromeâ€“associated kinase Dyrk1A overexpression. Journal of Biological Chemistry, 2021, 297, 100853.	3.4	4
5	Synthesis and Antiplasmodial Activity of Bisindolylcyclobutenediones. Molecules, 2021, 26, 4739.	3.8	4
6	(E)-5-(Methoxyimino)-1,3,4,5-tetrahydro-2H-benzo[b]azepin-2-one. MolBank, 2021, 2021, M1293.	0.5	1
7	4-Arylthieno[2,3-b]pyridine-2-carboxamides Are a New Class of Antiplasmodial Agents. Molecules, 2020, 25, 3187.	3.8	12
8	Mechanistic and biological characterisation of novel N⁵-substituted paullones targeting the biosynthesis of trypanothione in Leishmania. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1345-1358.	5.2	14
9	1-(Imidazo[1,2-a]pyridin-1-ium-1-yl)-2,3,4-trioxocyclobutan-1-ide. MolBank, 2019, 2019, M1072.	0.5	2
10	Structureâ€“activity relationships in a series of antiplasmodial thieno[2,3-b]pyridines. Malaria Journal, 2019, 18, 89.	2.3	20
11	[b]-Annulated Halogen-Substituted Indoles as Potential DYRK1A Inhibitors. Molecules, 2019, 24, 4090.	3.8	15
12	Trypanothione synthetase confers growth, survival advantage and resistance to anti-protozoal drugs in Trypanosoma cruzi. Free Radical Biology and Medicine, 2019, 130, 23-34.	2.9	19
13	Early process development of API applied to poorly water-soluble TBID. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 126, 2-9.	4.3	1
14	Scaffold hopping identifies 6,8-disubstituted purines as novel anaplastic lymphoma kinase inhibitors. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 126, 89-94.	4.3	3
15	Fast and calibration free determination of first order reaction kinetics in API synthesis using in-situ ATR-FTIR. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 126, 95-100.	4.3	7
16	2,3,4-Trioxo-1-(1H-pyrrolo[2,3-b]pyridin-7-ium-7yl)-cyclobutan-1-ide. MolBank, 2018, 2018, M1026.	0.5	1
17	Molecular structures of cdc2-like kinases in complex with a new inhibitor chemotype. PLoS ONE, 2018, 13, e0196761.	2.5	21
18	Indole-3-Carbonitriles as DYRK1A Inhibitors by Fragment-Based Drug Design. Molecules, 2018, 23, 64.	3.8	21

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19	Biochemical and Epigenetic Insights into L-2-Hydroxyglutarate, a Potential Therapeutic Target in Renal Cancer. Clinical Cancer Research, 2018, 24, 6433-6446.	7.0	54
20	Identification of CLK1â€‰Inhibitors by a Fragmentâ€“linking Based Virtual Screening. Molecular Informatics, 2017, 36, 1600123.	2.5	2
21	Antiplasmodial dihetarylthioethers target the coenzyme A synthesis pathway in Plasmodium falciparum erythrocytic stages. Malaria Journal, 2017, 16, 192.	2.3	13
22	7-Bromo-1-methyl-2-phenyl-1H-indole-3-carbonitrile. MolBank, 2017, 2017, M941.	0.5	1
23	(E)-2-(1-Cyano-2-methoxy-2-oxoethylidene)-3,4-dioxo-1-(pyridin-1-ium-1-yl)cyclobutan-1-ide. MolBank, 2017, 2017, M953.	0.5	0
24	Novel 2-Phenoxyanilide Congeners Derived from a Hit Structure of the TCAMS: Synthesis and Evaluation of Their in Vitro Activity against Plasmodium falciparum. Molecules, 2016, 21, 223.	3.8	2
25	5-Substituted 3-chlorokenpaullone derivatives are potent inhibitors of Trypanosoma brucei bloodstream forms. Bioorganic and Medicinal Chemistry, 2016, 24, 3790-3800.	3.0	18
26	Hierarchical phosphorylation of apical membrane antigen 1 is required for efficient red blood cell invasion by malaria parasites. Scientific Reports, 2016, 6, 34479.	3.3	31
27	Identification of Novel Chemical Scaffolds Inhibiting Trypanothione Synthetase from Pathogenic Trypanosomatids. PLoS Neglected Tropical Diseases, 2016, 10, e0004617.	3.0	44
28	3-Chlorokenpaullone. MolBank, 2015, 2015, M856.	0.5	5
29	7-Iodo-1H-indole-3-carbonitrile. MolBank, 2015, 2015, M869.	0.5	1
30	10-Iodo-11H-indolo[3,2-c]quinoline-6-carboxylic Acids Are Selective Inhibitors of DYRK1A. Journal of Medicinal Chemistry, 2015, 58, 3131-3143.	6.4	87
31	Selective inhibitors of Plasmodium falciparum glycogen synthase-3 (PfGSK-3): New antimalarial agents?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1644-1649.	2.3	29
32	9- and 11-substituted 4-azapaullones are potent and selective inhibitors of African trypanosoma. European Journal of Medicinal Chemistry, 2014, 83, 274-283.	5.5	33
33	Synthesis and Properties of a Selective Inhibitor of Homeodomainâ€“Interacting Protein Kinase 2 (HIPK2). PLoS ONE, 2014, 9, e89176.	2.5	23
34	3,6-Diamino-4-(2-halophenyl)-2-benzoylthieno[2,3-b]pyridine-5-carbonitriles Are Selective Inhibitors of Plasmodium falciparum Glycogen Synthase Kinase-3. Journal of Medicinal Chemistry, 2013, 56, 264-275.	6.4	54
35	2-Arylpaullones are selective antitrypanosomal agents. European Journal of Medicinal Chemistry, 2013, 64, 396-400.	5.5	23
36	Parenteral formulation of an antileishmanial drug candidate â€“ Tackling poor solubility, chemical instability, and polymorphism. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 511-520.	4.3	19

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37	4,5,6,7-Tetrachloro-2-(1H-imidazol-2-yl)isoindoline-1,3-dione. MolBank, 2012, 2012, M785.	0.5	1
38	2-Anilino-4-(benzimidazol-2-yl)pyrimidines â€“ A multikinase inhibitor scaffold with antiproliferative activity toward cancer cell lines. European Journal of Medicinal Chemistry, 2012, 53, 254-263.	5.5	41
39	Identification of Inhibitors of the Tyrosine Kinase câ€Met by Structureâ€Based Virtual Screening. Molecular Informatics, 2011, 30, 145-150.	2.5	1
40	Dual IGF-1R/SRC inhibitors based on a Nâ€²-aroyl-2-(1H-indol-3-yl)-2-oxoacetohydrazide structure. European Journal of Medicinal Chemistry, 2011, 46, 2759-2769.	5.5	13
41	Synthesis and Structure of Fluorescent Chelate Boron Complexes of 4-Anilinomethylidene-1-benzazepine-2,5-dione Ligands. Synthesis, 2011, 2011, 3208-3208.	2.3	0
42	Synthesis and Structure of Fluorescent Chelate Boron Complexes of 4-Anilinomethylidene-1-benzazepine-2,5-dione Ligands. Synthesis, 2011, 2011, 2848-2858.	2.3	3
43	Paullones as Inhibitors of Protein Kinases. Current Topics in Medicinal Chemistry, 2011, 11, 1320-1332.	2.1	47
44	2-tert-Butyl-5,6,7,8,9,10-hexahydrocyclohepta[b]indole. MolBank, 2011, 2011, M737.	0.5	5
45	Metal Complexes as Protein Kinase Inhibitors. Angewandte Chemie - International Edition, 2010, 49, 5226-5227.	13.8	30
46	Development of 5-benzylpaullones and paullone-9-carboxylic acid alkyl esters as selective inhibitors of mitochondrial malate dehydrogenase (mMDH). European Journal of Medicinal Chemistry, 2010, 45, 335-342.	5.5	26
47	Inhibitors of the RET tyrosine kinase based on a 2-(alkylsulfanyl)-4-(3-thienyl)nicotinonitrile scaffold. European Journal of Medicinal Chemistry, 2010, 45, 2919-2927.	5.5	47
48	Identification of 2-Anilino-9-methoxy-5,7-dihydro-6H-pyrimido[5,4-d][1]benzazepin-6-ones as Dual PLK1/VEGF-R2 Kinase Inhibitor Chemotypes by Structure-Based Lead Generation. Journal of Medicinal Chemistry, 2010, 53, 2433-2442.	6.4	61
49	Synthesis of 11H-Indolo[3,2-c]quinoline-6-carboxylic Acids by Cascade Autoxidation-Ring Contractions. Synthesis, 2009, 2009, 1185-1189.	2.3	2
50	Reprogramming of murine fibroblasts to induced pluripotent stem cells with chemical complementation of Klf4. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8912-8917.	7.1	363
51	A new Heck reaction modification using ketone Mannich bases as enone precursors: Parallel synthesis of anti-leishmanial chalcones. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1985-1989.	2.2	21
52	9-Cyano-1-azapaullone (Cazpaullone), a Glycogen Synthase Kinase-3 (GSK-3) Inhibitor Activating Pancreatic Î² Cell Protection and Replication. Journal of Medicinal Chemistry, 2008, 51, 2196-2207.	6.4	85
53	2-(3-Aryl-3-oxopropen-1-yl)-9-tert-butyl-paullones: A New Antileishmanial Chemotype. Journal of Medicinal Chemistry, 2008, 51, 659-665.	6.4	63
54	Darpones and water-soluble aminobutoxylated darpone derivatives are distinguished by matrix COMPARE analysis. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1850-1854.	2.2	4

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55	1-Aryl-4,6-dihydropyrazolo[4,3-d][1]benzazepin-5(1H)-ones: A new class of antiproliferative agents with selectivity for human leukemia and breast cancer cell lines. European Journal of Medicinal Chemistry, 2007, 42, 1317-1324.	5.5	11
56	Matrix compare analysis discriminates subtle structural differences in a family of novel antiproliferative agents, diaryl-3-hydroxy-2,3,3a,10a-tetrahydrobenzo[b]cycylopenta[e]azepine-4,10(1H,5H)-diones. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2148-2153.	2.2	31
57	Adenosine Mimetics as Inhibitors of NAD+-Dependent Histone Deacetylases, from Kinase to Sirtuin Inhibition. Journal of Medicinal Chemistry, 2006, 49, 7307-7316.	6.4	152
58	Development, Selectivity, and Application of Paullones, a Family of CDK Inhibitors. Enzyme Inhibitors Series, 2006, , 227-249.	0.1	2
59	Epoxide-containing side chains enhance antiproliferative activity of paullones. European Journal of Medicinal Chemistry, 2005, 40, 655-661.	5.5	38
60	Structure-Aided Optimization of Kinase Inhibitors Derived from Alsterpaullone. ChemBioChem, 2005, 6, 541-549.	2.6	38
61	Epoxide-Containing Side Chains Enhance Antiproliferative Activity of Paullones.. ChemInform, 2005, 36, no.	0.0	0
62	Homology Model of the CDK1/cyclin B Complex. Journal of Biomolecular Structure and Dynamics, 2005, 22, 493-502.	3.5	37
63	1-Azakenpaullone is a selective inhibitor of glycogen synthase kinase-3Î². Bioorganic and Medicinal Chemistry Letters, 2004, 14, 413-416.	2.2	171
64	CDK1-Inhibitory Activity of Paullones Depends on Electronic Properties of 9-Substituents. Archiv Der Pharmazie, 2004, 337, 486-492.	4.1	29
65	1-Azakenpaullone Is a Selective Inhibitor of Glycogen Synthase Kinase-3Î².. ChemInform, 2004, 35, no.	0.0	0
66	Plasmodium falciparum glycogen synthase kinase-3: molecular model, expression, intracellular localisation and selective inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1697, 181-196.	2.3	95
67	Evaluation and Comparison of 3D-QSAR CoMSIA Models for CDK1, CDK5, and GSK-3 Inhibition by Paullones. Journal of Medicinal Chemistry, 2004, 47, 22-36.	6.4	98
68	Novel Molecular Targets in Cancer Chemotherapy Waiting for Discovery. Anti-Cancer Agents in Medicinal Chemistry, 2004, 4, 421-423.	7.0	5
69	Alsterpaullone, a novel cyclin-dependent kinase inhibitor, induces apoptosis by activation of caspase-9 due to perturbation in mitochondrial membrane potential. Molecular Carcinogenesis, 2003, 36, 183-194.	2.7	55
70	Intracellular Targets of Paullones. Journal of Biological Chemistry, 2002, 277, 25493-25501.	3.4	132
71	Synthesis of Paullones with Aminoalkyl Side Chains. Archiv Der Pharmazie, 2002, 335, 311-317.	4.1	27
72	Biotin labelling of amines by polymer-assisted solution-phase synthesis. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1783-1786.	2.2	7

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73	Aryl Rings Are Part of the Darpone Pharmacophore. Archiv Der Pharmazie, 2001, 334, 163-166.	4.1	12
74	Paullones are potent inhibitors of glycogen synthase kinase-3Î² and cyclin-dependent kinase 5/p25. FEBS Journal, 2000, 267, 5983-5994.	0.2	330
75	2-Substituted paullones: CDK1/cyclin B-inhibiting property and in vitro antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 567-569.	2.2	70
76	Cyclin-Dependent KinasesInitial Approaches to Exploit a Novel Therapeutic Target. , 1999, 82, 285-292.		108
77	Paullones, a Series of Cyclin-Dependent Kinase Inhibitors:â€‰ Synthesis, Evaluation of CDK1/Cyclin B Inhibition, and in Vitro Antitumor Activity. Journal of Medicinal Chemistry, 1999, 42, 2909-2919.	6.4	314
78	d-Fused [1]Benzazepines with Selective in Vitro Antitumor Activity:â€‰ Synthesis and Structureâ^'Activity Relationships. Journal of Medicinal Chemistry, 1998, 41, 1299-1305.	6.4	39
79	Synthesis of pyrido[3,4â€d] benzazepines. Journal of Heterocyclic Chemistry, 1995, 32, 803-805.	2.6	6
80	Synthese von 7,12-Dihydro-indolo[3,2-d][1]benzazepin-6-(5H)-onen und 6,11-Dihydro-thieno-[3â€²,2â€²:2,3]azepino[4,5-b]indol-5(4H)-on. Archiv Der Pharmazie, 1992, 325, 297-299.	4.1	29
81	Synthese [b]â€kondensierter azepindione durch dealkoxycarbonylierung. Archiv Der Pharmazie, 1991, 324, 579-581.	4.1	31
82	Deuterierung enolisierbarer Ketone mit Deuterochloroform. Chemische Berichte, 1986, 119, 1429-1431.	0.2	5
83	Eine bequeme Synthese von 2-Aroyl-5-arylpyrrolen. Synthesis, 1986, 1986, 213-214.	2.3	4
84	Additionsreaktionen von Î²-Ketosulfoxiden und Bis(phenylsulfinyl)methan an Isocyanate. Archiv Der Pharmazie, 1985, 318, 1086-1090.	4.1	3