

# Keith Jones

## List of Publications by Year in descending order

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107  
papers

3,798  
citations

136950

32  
h-index

138484

58  
g-index

125  
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125  
docs citations

125  
times ranked

4156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the phosphinic acid tripeptide mimetic DG013A as a tool compound inhibitor of the M1-aminopeptidase ERAP1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 42, 128050.	2.2	3
2	Kinetic Optimization of Lysine-Targeting Covalent Inhibitors of HSP72. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11383-11398.	6.4	31
3	HSF1 Is Essential for Myeloma Cell Survival and A Promising Therapeutic Target. <i>Clinical Cancer Research</i> , 2018, 24, 2395-2407.	7.0	46
4	Demonstrating In-Cell Target Engagement Using a Pirin Protein Degradation Probe (CCT367766). <i>Journal of Medicinal Chemistry</i> , 2018, 61, 918-933.	6.4	81
5	Privileged Structures and Polypharmacology within and between Protein Families. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1199-1204.	2.8	16
6	Synthesis and profiling of a 3-aminopyridin-2-one-based kinase targeted fragment library: Identification of 3-amino-5-(pyridin-4-yl)pyridin-2(1H)-one scaffold for monopolar spindle 1 (MPS1) and Aurora kinases inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3021-3029.	3.0	7
7	An Irreversible Inhibitor of HSP72 that Unexpectedly Targets Lysine-56. <i>Angewandte Chemie</i> , 2017, 129, 3590-3594.	2.0	4
8	An Irreversible Inhibitor of HSP72 that Unexpectedly Targets Lysine-56. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3536-3540.	13.8	52
9	Targeting secondary protein complexes in drug discovery: studying the druggability and chemical biology of the HSP70/BAG1 complex. <i>Chemical Communications</i> , 2017, 53, 5167-5170.	4.1	9
10	Lysine-Targeting Covalent Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15200-15209.	13.8	147
11	Auf Lysin zielende, kovalente Inhibitoren. <i>Angewandte Chemie</i> , 2017, 129, 15398-15408.	2.0	22
12	Synthetic Study toward Total Synthesis of (±)-Germine: Synthesis of (±)-4-Methylenegermine. <i>Organic Letters</i> , 2017, 19, 5150-5153.	4.6	16
13	Discovery of a Chemical Probe Bisamide (CCT251236): An Orally Bioavailable Efficacious Pirin Ligand from a Heat Shock Transcription Factor 1 (HSF1) Phenotypic Screen. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 180-201.	6.4	47
14	Abstract LB-304: Discovery of chemical probe CCT251236: An orally bioavailable efficacious pirin ligand from an HSF1 phenotypic screen. , 2017, , .		0
15	Exploiting Protein Conformational Change to Optimize Adenosine-Derived Inhibitors of HSP70. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4625-4636.	6.4	29
16	A fragment-based approach applied to a highly flexible target: Insights and challenges towards the inhibition of HSP70 isoforms. <i>Scientific Reports</i> , 2016, 6, 34701.	3.3	24
17	Discovery of 4,6-disubstituted pyrimidines as potent inhibitors of the heat shock factor 1 (HSF1) stress pathway and CDK9. <i>MedChemComm</i> , 2016, 7, 1580-1586.	3.4	19
18	Investigating Apoptozole as a Chemical Probe for HSP70 Inhibition. <i>PLoS ONE</i> , 2015, 10, e0140006.	2.5	22

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19	Polymer folding via external potentials in ab-initio calculations. Computational and Theoretical Chemistry, 2015, 1068, 72-80.	2.5	4
20	Recent Advances in Cancer Therapeutics. Progress in Medicinal Chemistry, 2015, 54, 1-63.	10.4	32
21	Endothelial Angiogenesis and Barrier Function in Response to Thrombin Require Ca <sup>2+</sup> Influx through the Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger. Journal of Biological Chemistry, 2015, 290, 18412-18428.	3.4	37
22	A model $\beta$ -sheet interaction and thermodynamic analysis of $\beta$ -strand mimetics. Organic and Biomolecular Chemistry, 2015, 13, 7402-7407.	2.8	7
23	Exploiting Cancer Dependence on Molecular Chaperones. , 2014, , 239-274.		1
24	The synthesis and structure revision of NSC-134754. Chemical Communications, 2014, 50, 1238-1240.	4.1	19
25	Targeting the PPM1D phenotype; 2,4-bisarylthiazoles cause highly selective apoptosis in PPM1D amplified cell-lines. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3469-3474.	2.2	5
26	Abstract 1775: Identification of small molecule inhibitors of HSF1 stress pathway activation in cancer cells. , 2014, , .		0
27	Fragment-Based Screening Maps Inhibitor Interactions in the ATP-Binding Site of Checkpoint Kinase 2. PLoS ONE, 2013, 8, e65689.	2.5	23
28	The discovery of potent ribosomal S6 kinase inhibitors by high-throughput screening and structure-guided drug design. Oncotarget, 2013, 4, 1647-1661.	1.8	20
29	N <sup>3</sup> -N Bond-Forming Cyclization for the One-Pot Synthesis of <i>N</i> -Aryl[3,4- <i>d</i> ]pyrazolopyrimidines. Organic Letters, 2012, 14, 3546-3549.	4.6	22
30	Small-Molecule Inhibitors of the Protein Methyltransferase SET7/9 Identified in a High-Throughput Screen. Journal of Biomolecular Screening, 2012, 17, 1102-1109.	2.6	13
31	Abstract 4749: Insights into the molecular mechanism of HSP90 binding of methoxy-substituted resorcinylic isoxazole amide inhibitors reveal different isoform selectivity profiles. , 2012, , .		0
32	An efficient synthesis of thiazolo[3,2- <i>a</i> ]pyrimidinones. Tetrahedron Letters, 2010, 51, 3263-3265.	1.4	9
33	Cancer Drug Discovery 2010: from molecules to medicine. Expert Review of Clinical Pharmacology, 2010, 3, 613-615.	3.1	1
34	Detection of the ATPase Activity of the Molecular Chaperones Hsp90 and Hsp72 Using the Transreener <sup>®</sup> , $\gamma$ -ADP Assay Kit. Journal of Biomolecular Screening, 2010, 15, 279-286.	2.6	29
35	Targeting HSP70: The second potentially druggable heat shock protein and molecular chaperone?. Cell Cycle, 2010, 9, 1542-1550.	2.6	174
36	Heteroaryl Radicals Review. Advances in Heterocyclic Chemistry, 2010, , 101-143.	1.7	9

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37	An efficient synthesis of 2,3-diaryl (3H)-quinazolin-4-ones via imidoyl chlorides. <i>Tetrahedron Letters</i> , 2008, 49, 5840-5842.	1.4	30
38	A chemical inhibitor of PPM1D that selectively kills cells overexpressing PPM1D. <i>Oncogene</i> , 2008, 27, 1036-1044.	5.9	87
39	NVP-AUY922: A Novel Heat Shock Protein 90 Inhibitor Active against Xenograft Tumor Growth, Angiogenesis, and Metastasis. <i>Cancer Research</i> , 2008, 68, 2850-2860.	0.9	433
40	HSP90 inhibitors: targeting the cancer chaperone for combinatorial blockade of oncogenic pathways. , 2008, , 305-335.		1
41	Inhibition of the heat shock protein 90 molecular chaperone in vitro and in vivo by novel, synthetic, potent resorcinyl pyrazole/isoxazole amide analogues. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1198-1211.	4.1	141
42	A duplexed phenotypic screen for the simultaneous detection of inhibitors of the molecular chaperone heat shock protein 90 and modulators of cellular acetylation. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1112-1122.	4.1	13
43	Discovery and Development of Pyrazole-Scaffold Hsp90 Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 1193-1203.	2.1	140
44	Inhibitors of the HSP90 Molecular Chaperone: Attacking the Master Regulator in Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 1091-1107.	2.1	79
45	Synthesis and anthelmintic properties of arylquinolines with activity against drug-resistant nematodes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4806-4808.	2.2	83
46	Asymmetric 1,3-Dipolar Cycloaddition Reactions of Nitrones with (S)-(-)-4-Benzyl-N-methacryloyl-2-oxazolidinone. <i>Synthesis</i> , 2005, 2005, 2393-2399.	2.3	9
47	Reaction of Indolin-2-ones with Cerium(IV) Ammonium Nitrate.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
48	Demethylation of 2,4-dimethoxyquinolines: the synthesis of atanine. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4380.	2.8	34
49	A New Route to 5-Aryl and 5-Heteroaryl-2-pyrones via Suzuki Coupling of a 2-Pyrone-5-boronate ester. <i>Synlett</i> , 2003, 2003, 0253-0255.	1.8	2
50	Aryl radical cyclisation onto pyrroles. <i>Tetrahedron</i> , 2002, 58, 1453-1464.	1.9	50
51	Reaction of indolin-2-ones with cerium(IV) ammonium nitrate. <i>Tetrahedron</i> , 2002, 58, 9541-9545.	1.9	8
52	A tandem radical approach to the ABCE-rings of the Aspidosperma and Strychnos alkaloids. <i>Chemical Communications</i> , 2001, , 209-210.	4.1	31
53	Synthetic studies on morphine-based analgesics: an approach to angular substitution in 4a-aryldecahydroisoquinolines via dienolate chemistry. <i>Tetrahedron Letters</i> , 2001, 42, 7879-7882.	1.4	1
54	A Suzuki coupling approach to bufadienolides. <i>Tetrahedron Letters</i> , 2001, 42, 9081-9084.	1.4	25

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55	A short protocol for the synthesis of spirocyclic tetrahydrofurans via intramolecular O-H insertion. <i>Tetrahedron</i> , 2001, 57, 2427-2431.	1.9	24
56	Pyridine Radicals in Synthesis. Part 3: Cyclopentannulation of Pyridine via the 3-Pyridyl Radical and a Formal Synthesis of (±)-Oxerine. <i>Tetrahedron</i> , 2000, 56, 397-406.	1.9	26
57	Annulation of indole via indole radicals: addition of the 2-indolyl radical to aromatic rings. <i>Tetrahedron Letters</i> , 2000, 41, 4209-4211.	1.4	45
58	Aryl radical cyclisation onto pyrroles: a divergent synthesis of spiropyrrolidinyloxindoles and pyrroloquinolines. <i>Tetrahedron Letters</i> , 2000, 41, 8951-8955.	1.4	67
59	Biomimetic ligands for transition metals: catechol-containing peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1617-1620.	2.2	3
60	A New Route to Spirooxindoles. <i>Organic Letters</i> , 2000, 2, 2639-2641.	4.6	183
61	The synthesis of 3-methyleneindol-2(3H)-ones related to mitomycins via 5-exo-dig aryl radical cyclisation. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 763-768.	1.3	32
62	Intramolecular organolithium addition to indol-2(3H)-ones; an approach to the synthesis of pyrrolo[1,2-a]indoles and pyrido[1,2-a]indoles. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 769-774.	1.3	12
63	The tandem radical route to indole alkaloids: an unusual rearrangement reaction. <i>Arkivoc</i> , 2000, 2007, 120-128.	0.5	1
64	The aryl radical route to oxindoles: dependence on temperature and tin hydride concentration. <i>Tetrahedron Letters</i> , 1999, 40, 8935-8938.	1.4	20
65	Glowing jellyfish, luminescence and a molecule called coelenterazine. <i>Trends in Biotechnology</i> , 1999, 17, 477-481.	9.3	38
66	Intermolecular reactions of indol-2-yl radicals: a new route to 2-substituted indoles. <i>Chemical Communications</i> , 1999, , 1761-1762.	4.1	13
67	Heteroaryl radicals in synthesis: Radical cyclisation reactions of 2-bromoindoles. <i>Tetrahedron</i> , 1998, 54, 2149-2160.	1.9	30
68	A short synthesis of (±)-actinidine. <i>Tetrahedron</i> , 1998, 54, 2275-2280.	1.9	15
69	Highly efficient and flexible total synthesis of coelenterazine. <i>Chemical Communications</i> , 1997, , 323-324.	4.1	24
70	A synthesis of the tricyclic pyrroloquinoline core of martinelline. <i>Tetrahedron</i> , 1997, 53, 8287-8294.	1.9	89
71	Radical cyclisation reactions of 7-bromoindoles. <i>Tetrahedron Letters</i> , 1997, 38, 5379-5382.	1.4	26
72	The generation and cyclisation of pyridinium radicals as a potential route to indolizidine alkaloids. <i>Tetrahedron Letters</i> , 1997, 38, 5383-5386.	1.4	29

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73	An inhibitor of the sodium pump obtained from human placenta. <i>Lancet, The</i> , 1996, 348, 303-305.	13.7	93
74	Asymmetric induction ? to nitrogen in pyrrolidines and piperidines via radical chemistry. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 1107.	0.9	10
75	Pyridine radicals in synthesis: A formal total synthesis of (±)-oxerine. <i>Tetrahedron Letters</i> , 1996, 37, 8049-8052.	1.4	21
76	Synthetic studies on the ceveratrum alkaloid skeleton. <i>Tetrahedron</i> , 1996, 52, 4133-4140.	1.9	9
77	A Suzuki Coupling Approach to Pyrazines Related to Coelenterazine. <i>Synlett</i> , 1996, 1996, 509-510.	1.8	39
78	Aryl radical cyclisation on to a pyrrole nucleus. <i>Tetrahedron Letters</i> , 1995, 36, 6743-6744.	1.4	33
79	Indole radical cyclisations: a rapid route to mitosenes. <i>Tetrahedron Letters</i> , 1995, 36, 4857-4860.	1.4	10
80	Heteronuclear NMR Studies of the Chromone Alkaloids and Revision of the Structure of Some Piperidino-Chromone Alkaloids. <i>Planta Medica</i> , 1995, 61, 154-157.	1.3	9
81	Synthetic studies on morphine-based analgesics. Intramolecular Diels-Alder approach to 4a-aryldecahydroisoquinolines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1623-1633.	0.9	5
82	Intramolecular reactions using amide links: Aryl radical cyclisation of silylated acryloylanilides. <i>Tetrahedron Letters</i> , 1994, 35, 7673-7676.	1.4	40
83	Cobalt(II) Chloride-Grignard reagent: an alternative to tin hydride in aryl radical cyclisations. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 41-42.	2.0	26
84	A route to the pyrrolo[1,2-a]indolenine ring system via intermolecular organolithium addition to an oxindole. <i>Tetrahedron</i> , 1993, 49, 4901-4906.	1.9	20
85	Aryl radical cyclisation approach to highly substituted oxindoles related to mitomycins. <i>Tetrahedron Letters</i> , 1993, 34, 7797-7798.	1.4	15
86	An Efficient Synthesis of 2-Cyclohexene-1-Carboxylic Acid and 2-Cyclopentene-1-Carboxylic Acid. <i>Synthetic Communications</i> , 1992, 22, 3089-3093.	2.1	6
87	A total synthesis of horsfiline via aryl radical cyclisation. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1767.	2.0	82
88	Aryl radical cyclisations involving an amide group in the linking chain. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1766.	2.0	35
89	Cobalt-mediated aryl radical cyclisations: A formal synthesis of physovenine. <i>Tetrahedron</i> , 1992, 48, 6875-6882.	1.9	45
90	A total synthesis of (±)-ruspolinone. <i>Tetrahedron</i> , 1991, 47, 7179-7184.	1.9	18

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91	Intramolecular alkyllithium additions to lactams; a synthesis of 2,3,9,9a-tetrahydro-1H-pyrrolo[1,2-a]indoles (pyrrolo[1,2-a]indolemnes) related to mitomycins. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 892.	2.0	13
92	Asymmetric synthesis from $\hat{\pm}$ -amino acids; some reactions of (S)-pyroglutamate. <i>Tetrahedron Letters</i> , 1991, 32, 6949-6952.	1.4	58
93	Aryl radical cyclisations: Quinoline, isoquinolone, and 1-benzazepin-2-onerings via 6- and 7-exo cyclisations. <i>Tetrahedron Letters</i> , 1991, 32, 2829-2832.	1.4	45
94	Substituent control in the synthesis of tetrahydropyrans, oxepanes and oxocanes by episulphonium ion-mediated cyclisation. <i>Tetrahedron Letters</i> , 1991, 32, 2261-2264.	1.4	28
95	Evidence on the nature of cobalt-mediated aryl radical cyclisations. <i>Tetrahedron Letters</i> , 1989, 30, 5485-5488.	1.4	26
96	Chiral induction in aryl radical cyclisations. <i>Tetrahedron Letters</i> , 1989, 30, 2657-2660.	1.4	67
97	Indole alkaloid synthesis; a stereospecific preparation of functionalised cis-hexahydrocarbazoles. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1717.	2.0	9
98	A synthesis of (2S,6S)-2-hydroxymethyl-6-methoxytetrahydropyran; a useful chiral intermediate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 999.	0.9	9
99	An approach to the total synthesis of the Prelogâ€™Djerassi lactone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 537-545.	0.9	7
100	A formal total synthesis of geneserine. <i>Tetrahedron Letters</i> , 1987, 28, 6389-6390.	1.4	41
101	An efficient synthesis of spiro[cyclohexane-1,3â€™-indol-2â€™(3â€™H)-ones]via radical cyclisation. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 115-116.	2.0	51
102	An unusual solvent effect in an intramolecular Dielsâ€™Alder reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1797-1799.	2.0	3
103	The preparation and attempted alkylation of some 6-cyano-carbohydrates. <i>Carbohydrate Research</i> , 1986, 155, 217-222.	2.3	8
104	A short, stereospecific synthesis of a morphine fragment via an intramolecular Dielsâ€™Alder reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1362-1363.	2.0	9
105	Novel Methods for Demetalating Tetrapyrrolic Metallo-Macrocycles. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 734-735.	4.4	18
106	A Synthetic Approach to the Isobacteriochlorin Macrocycle. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 675-677.	4.4	39
107	The structures and chemistrty of isobacteriochlorins from. <i>Tetrahedron Letters</i> , 1977, 18, 2213-2216.	1.4	27