Keith Jones

List of Publications by Year
in descending order

107 papers	3,798 citations	136950 32 h-index	138484 58 g-index
125 all docs	125 docs citations	125 times ranked	4156 citing authors

#	Article	IF	Citations
1	NVP-AUY922: A Novel Heat Shock Protein 90 Inhibitor Active against Xenograft Tumor Growth, Angiogenesis, and Metastasis. Cancer Research, 2008, 68, 2850-2860.	0.9	433
2	A New Route to Spirooxindoles. Organic Letters, 2000, 2, 2639-2641.	4.6	183
3	Targeting HSP70: The second potentially druggable heat shock protein and molecular chaperone?. Cell Cycle, 2010, 9, 1542-1550.	2.6	174
4	Lysineâ€Targeting Covalent Inhibitors. Angewandte Chemie - International Edition, 2017, 56, 15200-15209.	13.8	147
5	Inhibition of the heat shock protein 90 molecular chaperone in vitro and in vivo by novel, synthetic, potent resorcinylic pyrazole/isoxazole amide analogues. Molecular Cancer Therapeutics, 2007, 6, 1198-1211.	4.1	141
6	Discovery and Development of Pyrazole-Scaffold Hsp90 Inhibitors. Current Topics in Medicinal Chemistry, 2006, 6, 1193-1203.	2.1	140
7	An inhibitor of the sodium pump obtained from human placenta. Lancet, The, 1996, 348, 303-305.	13.7	93
8	A synthesis of the tricyclic pyrroloquinoline core of martinelline. Tetrahedron, 1997, 53, 8287-8294.	1.9	89
9	A chemical inhibitor of PPM1D that selectively kills cells overexpressing PPM1D. Oncogene, 2008, 27, 1036-1044.	5.9	87
10	Synthesis and anthelmintic properties of arylquinolines with activity against drug-resistant nematodes. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4806-4808.	2.2	83
11	A total synthesis of horsfiline via aryl radical cyclisation. Journal of the Chemical Society Chemical Communications, 1992, , 1767.	2.0	82
12	Demonstrating In-Cell Target Engagement Using a Pirin Protein Degradation Probe (CCT367766). Journal of Medicinal Chemistry, 2018, 61, 918-933.	6.4	81
13	Inhibitors of the HSP90 Molecular Chaperone: Attacking the Master Regulator in Cancer. Current Topics in Medicinal Chemistry, 2006, 6, 1091-1107.	2.1	79
14	Chiral induction in aryl radical cyclisations. Tetrahedron Letters, 1989, 30, 2657-2660.	1.4	67
15	Aryl radical cyclisation onto pyrroles: a divergent synthesis of spiropyrrolidinyloxindoles and pyrroloquinolines. Tetrahedron Letters, 2000, 41, 8951-8955.	1.4	67
16	Asymmetric synthesis from Î±-amino acids; some reactions of (S)-pyroglutamate. Tetrahedron Letters, 1991, 32, 6949-6952.	1.4	58
17	An Irreversible Inhibitor of HSP72 that Unexpectedly Targets Lysineâ€56. Angewandte Chemie - International Edition, 2017, 56, 3536-3540.	13.8	52
18	An efficient synthesis of spiro[cyclohexane-1,3â€²-indol-2â€²(3â€²H)-ones]via radical cyclisation. Journal of the Chemical Society Chemical Communications, 1986, , 115-116.	2.0	51

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19	Aryl radical cyclisation onto pyrroles. Tetrahedron, 2002, 58, 1453-1464.	1.9	50
20	Discovery of a Chemical Probe Bisamide (CCT251236): An Orally Bioavailable Efficacious Pirin Ligand from a Heat Shock Transcription Factor 1 (HSF1) Phenotypic Screen. Journal of Medicinal Chemistry, 2017, 60, 180-201.	6.4	47
21	HSF1 Is Essential for Myeloma Cell Survival and A Promising Therapeutic Target. Clinical Cancer Research, 2018, 24, 2395-2407.	7.0	46
22	Aryl radical cyclisations: Quinoline, isoquinolone, and 1-benzazepin-2-onerings via 6- and 7-exo cyclisations. Tetrahedron Letters, 1991, 32, 2829-2832.	1.4	45
23	Cobalt-mediated aryl radical cyclisations: A formal synthesis of physovenine. Tetrahedron, 1992, 48, 6875-6882.	1.9	45
24	Annulation of indole via indole radicals: addition of the 2-indolyl radical to aromatic rings. Tetrahedron Letters, 2000, 41, 4209-4211.	1.4	45
25	A formal total synthesis of geneserine. Tetrahedron Letters, 1987, 28, 6389-6390.	1.4	41
26	Intramolecular reactions using amide links: Aryl radical cyclisation of silylated acryloylanilides. Tetrahedron Letters, 1994, 35, 7673-7676.	1.4	40
27	A Synthetic Approach to the Isobacteriochlorin Macrocycle. Angewandte Chemie International Edition in English, 1979, 18, 675-677.	4.4	39
28	A Suzuki Coupling Approach to Pyrazines Related to Coelenterazine. Synlett, 1996, 1996, 509-510.	1.8	39
29	Glowing jellyfish, luminescence and a molecule called coelenterazine. Trends in Biotechnology, 1999, 17, 477-481.	9.3	38
30	Endothelial Angiogenesis and Barrier Function in Response to Thrombin Require Ca2+ Influx through the Na+/Ca2+ Exchanger. Journal of Biological Chemistry, 2015, 290, 18412-18428.	3.4	37
31	Aryl radical cyclisations involving an amide group in the linking chain. Journal of the Chemical Society Chemical Communications, 1992, , 1766.	2.0	35
32	Demethylation of 2,4-dimethoxyquinolines: the synthesis of atanine. Organic and Biomolecular Chemistry, 2003, 1, 4380.	2.8	34
33	Aryl radical cyclisation on to a pyrrole nucleus. Tetrahedron Letters, 1995, 36, 6743-6744.	1.4	33
34	The synthesis of 3-methyleneindol-2(3Hâ€Š)-ones related to mitomycins via 5-exo-dig aryl radical cyclisation. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 763-768.	1.3	32
35	Recent Advances in Cancer Therapeutics. Progress in Medicinal Chemistry, 2015, 54, 1-63.	10.4	32
36	A tandem radical approach to the ABCE-rings of the Aspidosperma and Strychnos alkaloids. Chemical Communications, 2001, , 209-210.	4.1	31

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37	Kinetic Optimization of Lysine-Targeting Covalent Inhibitors of HSP72. Journal of Medicinal Chemistry, 2019, 62, 11383-11398.	6.4	31
38	Heteroaryl radicals in synthesis: Radical cyclisation reactions of 2-bromoindoles. Tetrahedron, 1998, 54, 2149-2160.	1.9	30
39	An efficient synthesis of 2,3-diaryl (3H)-quinazolin-4-ones via imidoyl chlorides. Tetrahedron Letters, 2008, 49, 5840-5842.	1.4	30
40	The generation and cyclisation of pyridinium radicals as a potential route to indolizidine alkaloids. Tetrahedron Letters, 1997, 38, 5383-5386.	1.4	29
41	Detection of the ATPase Activity of the Molecular Chaperones Hsp90 and Hsp72 Using the Transcreenerâ„¢ ADP Assay Kit. Journal of Biomolecular Screening, 2010, 15, 279-286.	2.6	29
42	Exploiting Protein Conformational Change to Optimize Adenosine-Derived Inhibitors of HSP70. Journal of Medicinal Chemistry, 2016, 59, 4625-4636.	6.4	29
43	Substituent control in the synthesis of tetrahydropyrans, oxepanes and oxocanes by episulphonium ion-mediated cyclisation. Tetrahedron Letters, 1991, 32, 2261-2264.	1.4	28
44	The structures and chemistrty of isobacteriochlorins from. Tetrahedron Letters, 1977, 18, 2213-2216.	1.4	27
45	Evidence on the nature of cobalt-mediated aryl radical cyclisations. Tetrahedron Letters, 1989, 30, 5485-5488.	1.4	26
46	Cobalt(II) Chlorideâ€“Grignard reagent: an alternative to tin hydride in aryl radical cyclisations. Journal of the Chemical Society Chemical Communications, 1994, , 41-42.	2.0	26
47	Radical cyclisation reactions of 7-bromoindoles. Tetrahedron Letters, 1997, 38, 5379-5382.	1.4	26
48	Pyridine Radicals in Synthesis. Part 3: Cyclopentannulation of Pyridine via the 3-Pyridyl Radical and a Formal Synthesis of (Â±)-Oxerine. Tetrahedron, 2000, 56, 397-406.	1.9	26
49	A Suzuki coupling approach to bufadienolides. Tetrahedron Letters, 2001, 42, 9081-9084.	1.4	25
50	Highly efficient and flexible total synthesis of coelenterazine. Chemical Communications, 1997, , 323-324.	4.1	24
51	A short protocol for the synthesis of spirocyclic tetrahydrofurans via intramolecular Oâ€“H insertion. Tetrahedron, 2001, 57, 2427-2431.	1.9	24
52	A fragment-based approach applied to a highly flexible target: Insights and challenges towards the inhibition of HSP70 isoforms. Scientific Reports, 2016, 6, 34701.	3.3	24
53	Fragment-Based Screening Maps Inhibitor Interactions in the ATP-Binding Site of Checkpoint Kinase 2. PLoS ONE, 2013, 8, e65689.	2.5	23
54	Nâ€“N Bond-Forming Cyclization for the One-Pot Synthesis of N-Aryl[3,4-d]pyrazolopyrimidines. Organic Letters, 2012, 14, 3546-3549.	4.6	22

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55	Investigating Apoptozole as a Chemical Probe for HSP70 Inhibition. PLoS ONE, 2015, 10, e0140006.	2.5	22
56	Auf Lysin zielende, kovalente Inhibitoren. Angewandte Chemie, 2017, 129, 15398-15408.	2.0	22
57	Pyridine radicals in synthesis: A formal total synthesis of (Â±)-oxerine. Tetrahedron Letters, 1996, 37, 8049-8052.	1.4	21
58	A route to the pyrrolo[1,2-a]indolenine ring system via intermolecular organolithium addition to an oxindole. Tetrahedron, 1993, 49, 4901-4906.	1.9	20
59	The aryl radical route to oxindoles: dependence on temperature and tin hydride concentration. Tetrahedron Letters, 1999, 40, 8935-8938.	1.4	20
60	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
61	The synthesis and structure revision of NSC-134754. Chemical Communications, 2014, 50, 1238-1240.	4.1	19
62	Discovery of 4,6-disubstituted pyrimidines as potent inhibitors of the heat shock factor 1 (HSF1) stress pathway and CDK9. MedChemComm, 2016, 7, 1580-1586.	3.4	19
63	Novel Methods for Demetalating Tetrapyrrolic Metallo-Macrocycles. Angewandte Chemie International Edition in English, 1983, 22, 734-735.	4.4	18
64	A total synthesis of (â^')-ruspolinone. Tetrahedron, 1991, 47, 7179-7184.	1.9	18
65	Synthetic Study toward Total Synthesis of (Â±)-Germine: Synthesis of (Â±)-4-Methylenegermine. Organic Letters, 2017, 19, 5150-5153.	4.6	16
66	Privileged Structures and Polypharmacology within and between Protein Families. ACS Medicinal Chemistry Letters, 2018, 9, 1199-1204.	2.8	16
67	Aryl radical cyclisation approach to highly substituted oxindoles related to mitomycins. Tetrahedron Letters, 1993, 34, 7797-7798.	1.4	15
68	A short synthesis of (Â±)-actinidine. Tetrahedron, 1998, 54, 2275-2280.	1.9	15
69	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. Journal of the Chemical Society Chemical Communications, 1991, , 892.	2.0	13
70	Intermolecular reactions of indol-2-yl radicals: a new route to 2-substituted indoles. Chemical Communications, 1999, , 1761-1762.	4.1	13
71	A duplexed phenotypic screen for the simultaneous detection of inhibitors of the molecular chaperone heat shock protein 90 and modulators of cellular acetylation. Molecular Cancer Therapeutics, 2007, 6, 1112-1122.	4.1	13
72	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

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73	Intramolecular organolithium addition to indol-2(3Hâ€Š)-ones; an approach to the synthesis of pyrrolo[1,2-a]indoles and pyrido[1,2-a]indoles. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 769-774.	1.3	12
74	Indole radical cyclisations: a rapid route to mitosenes. Tetrahedron Letters, 1995, 36, 4857-4860.	1.4	10
75	Asymmetric induction ? to nitrogen in pyrrolidines and piperidines via radical chemistry. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1107.	0.9	10
76	A short, stereospecific synthesis of a morphine fragment via an intramolecular Dielsâ€“Alder reaction. Journal of the Chemical Society Chemical Communications, 1985, , 1362-1363.	2.0	9
77	A synthesis of (2S,6S)-2-hydroxymethyl-6-methoxytetrahydropyran; a useful chiral intermediate. Journal of the Chemical Society Perkin Transactions 1, 1988, , 999.	0.9	9
78	Indole alkaloid synthesis; a stereospecific preparation of functionalised cis-hexahydrocarbazoles. Journal of the Chemical Society Chemical Communications, 1989, , 1717.	2.0	9
79	Heteronuclear NMR Studies of the Chromone Alkaloids and Revision of the Structure of Some Piperidino-Chromone Alkaloids. Planta Medica, 1995, 61, 154-157.	1.3	9
80	Synthetic studies on the ceveratrum alkaloid skeleton. Tetrahedron, 1996, 52, 4133-4140.	1.9	9
81	Asymmetric 1,3-Dipolar Cycloaddition Reactions of Nitrones with (S)-(-)-4-Benzyl-N-methacryloyl-2-oxazolidinone. Synthesis, 2005, 2005, 2393-2399.	2.3	9
82	An efficient synthesis of thiazolo[3,2-a]pyrimidinones. Tetrahedron Letters, 2010, 51, 3263-3265.	1.4	9
83	Heteroaryl Radicals Review. Advances in Heterocyclic Chemistry, 2010, , 101-143.	1.7	9
84	Targeting secondary protein complexes in drug discovery: studying the druggability and chemical biology of the HSP70/BAG1 complex. Chemical Communications, 2017, 53, 5167-5170.	4.1	9
85	The preparation and attempted alkylation of some 6-cyano-carbohydrates. Carbohydrate Research, 1986, 155, 217-222.	2.3	8
86	Reaction of indolin-2-ones with cerium(IV) ammonium nitrate. Tetrahedron, 2002, 58, 9541-9545.	1.9	8
87	An approach to the total synthesis of the Prelogâ€“Djerassi lactone. Journal of the Chemical Society Perkin Transactions 1, 1987, , 537-545.	0.9	7
88	A model Î²-sheet interaction and thermodynamic analysis of Î²-strand mimetics. Organic and Biomolecular Chemistry, 2015, 13, 7402-7407.	2.8	7
89	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. Bioorganic and Medicinal Chemistry, 2018, 26, 3021-3029.	3.0	7
90	An Efficient Synthesis of 2-Cyclohexene-1-Carboxylic Acid and 2-Cyclopentene-1-Carboxylic Acid. Synthetic Communications, 1992, 22, 3089-3093.	2.1	6

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91	Synthetic studies on morphine-based analgesics. Intramolecular Dielsâ€“Alder approach to 4a-aryldecahydroisoquinolines. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1623-1633.	0.9	5
92	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
93	Polymer folding via external potentials in ab-initio calculations. Computational and Theoretical Chemistry, 2015, 1068, 72-80.	2.5	4
94	An Irreversible Inhibitor of HSP72 that Unexpectedly Targets Lysine-56. Angewandte Chemie, 2017, 129, 3590-3594.	2.0	4
95	An unusual solvent effect in an intramolecular Dielsâ€“Alder reaction. Journal of the Chemical Society Chemical Communications, 1986, , 1797-1799.	2.0	3
96	Biomimetic ligands for transition metals: catechol-containing peptides. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1617-1620.	2.2	3
97	Investigating the phosphinic acid tripeptide mimetic DG013A as a tool compound inhibitor of the M1-aminopeptidase ERAP1. Bioorganic and Medicinal Chemistry Letters, 2021, 42, 128050.	2.2	3
98	A New Route to 5-Aryl and 5-Heteroaryl-2-pyrones via Suzuki Coupling of a 2-Pyrone-5-boronate ester. Synlett, 2003, 2003, 0253-0255.	1.8	2
99	Synthetic studies on morphine-based analgesics: an approach to angular substitution in 4a-aryldecahydroisoquinolines via dienolate chemistry. Tetrahedron Letters, 2001, 42, 7879-7882.	1.4	1
100	HSP90 inhibitors: targeting the cancer chaperone for combinatorial blockade of oncogenic pathways. , 2008, , 305-335.		1
101	Cancer Drug Discovery 2010: from molecules to medicine. Expert Review of Clinical Pharmacology, 2010, 3, 613-615.	3.1	1
102	Exploiting Cancer Dependence on Molecular Chaperones. , 2014, , 239-274.		1
103	The tandem radical route to indole alkaloids: an unusual rearrangement reaction. Arkivoc, 2000, 2007, 120-128.	0.5	1
104	Reaction of Indolin-2-ones with Cerium(IV) Ammonium Nitrate.. ChemInform, 2003, 34, no.	0.0	0
105	Abstract 4749: Insights into the molecular mechanism of HSP90 binding of methoxy-substituted resorcinylic isoxazole amide inhibitors reveal different isoform selectivity profiles. , 2012, , .		0
106	Abstract 1775: Identification of small molecule inhibitors of HSF1 stress pathway activation in cancer cells. , 2014, , .		0
107	Abstract LB-304: Discovery of chemical probe CCT251236: An orally bioavailable efficacious pirin ligand from an HSF1 phenotypic screen. , 2017, , .		0