

Jeffrey D Winkler

List of Publications by Year in descending order

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74
papers

3,837
citations

147801

31
h-index

128289

60
g-index

82
all docs

82
docs citations

82
times ranked

6745
citing authors

#	ARTICLE	IF	CITATIONS
1	Tandem Diels-Alder Cycloadditions in Organic Synthesis. <i>Chemical Reviews</i> , 1996, 96, 167-176.	47.7	362
2	Autophagy inhibitor Lys05 has single-agent antitumor activity and reproduces the phenotype of a genetic autophagy deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8253-8258.	7.1	348
3	SIRT1 is downregulated by autophagy in senescence and ageing. <i>Nature Cell Biology</i> , 2020, 22, 1170-1179.	10.3	236
4	CDK4/6 and autophagy inhibitors synergistically induce senescence in Rb positive cytoplasmic cyclin E negative cancers. <i>Nature Communications</i> , 2017, 8, 15916.	12.8	214
5	Photodynamic Fluorescent Metal Ion Sensors with Parts per Billion Sensitivity. <i>Journal of the American Chemical Society</i> , 1998, 120, 3237-3242.	13.7	192
6	[2 + 2] Photocycloaddition/Fragmentation Strategies for the Synthesis of Natural and Unnatural Products. <i>Chemical Reviews</i> , 1995, 95, 2003-2020.	47.7	184
7	PPT1 Promotes Tumor Growth and Is the Molecular Target of Chloroquine Derivatives in Cancer. <i>Cancer Discovery</i> , 2019, 9, 220-229.	9.4	164
8	The First Total Synthesis of (±)-Ingenol. <i>Journal of the American Chemical Society</i> , 2002, 124, 9726-9728.	13.7	159
9	A Unified Approach to Targeting the Lysosome's Degradative and Growth Signaling Roles. <i>Cancer Discovery</i> , 2017, 7, 1266-1283.	9.4	159
10	The First Total Syntheses of Ircinol A, Ircinal A, and Manzamines A and D. <i>Journal of the American Chemical Society</i> , 1998, 120, 6425-6426.	13.7	158
11	Sex steroids regulate skin pigmentation through nonclassical membrane-bound receptors. <i>ELife</i> , 2016, 5, .	6.0	89
12	Autophagy Gene Atg16l1 Prevents Lethal T Cell Alloreactivity Mediated by Dendritic Cells. <i>Immunity</i> , 2014, 41, 579-591.	14.3	87
13	Synthesis of 6-Aza-bicyclo[3,2,1]octan-3-ones via Vinylogous Imide Photochemistry: An Approach to the Synthesis of the Hetsine Alkaloids. <i>Journal of the American Chemical Society</i> , 2001, 123, 7429-7430.	13.7	68
14	A stereoselective synthesis of (-)-perhydrohistrionicotoxin. <i>Journal of the American Chemical Society</i> , 1989, 111, 4852-4856.	13.7	66
15	Tandem Diels-Alder/Fragmentation Approach to the Synthesis of Eleutherobin. <i>Organic Letters</i> , 2003, 5, 1805-1808.	4.6	66
16	Inside-outside stereoisomerism. II. Synthesis of the carbocyclic ring system of the ingenane diterpenes via the intramolecular dioxolenone photocycloaddition. <i>Journal of the American Chemical Society</i> , 1987, 109, 2850-2851.	13.7	58
17	Approaches to the synthesis of ingenol. <i>Chemical Society Reviews</i> , 1997, 26, 387.	38.1	58
18	Antimalarial Activity of a New Family of Analogues of Manzamine A. <i>Organic Letters</i> , 2006, 8, 2591-2594.	4.6	58

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19	Synthesis of Highly Functionalized Furanones via Aldol Reaction of 3-Silyloxyfurans. <i>Organic Letters</i> , 2005, 7, 387-389.	4.6	54
20	The First Total Synthesis of (±)-Saudin. <i>Journal of the American Chemical Society</i> , 1999, 121, 7425-7426.	13.7	52
21	Autophagy Inhibition Enhances Sunitinib Efficacy in Clear Cell Ovarian Carcinoma. <i>Molecular Cancer Research</i> , 2017, 15, 250-258.	3.4	52
22	Design and Synthesis of Inhibitors of Hedgehog Signaling Based on the Alkaloid Cycloamine. <i>Organic Letters</i> , 2009, 11, 2824-2827.	4.6	49
23	PPT1 inhibition enhances the antitumor activity of anti-PD-1 antibody in melanoma. <i>JCI Insight</i> , 2020, 5, .	5.0	44
24	Design and Synthesis of Foldamers Based on an Anthracene Diels-Alder Adduct. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 743-745.	13.8	43
25	Novel conformationally-constrained β^2 -peptides characterized by ^1H NMR chemical shifts. <i>Chemical Communications</i> , 2003, , 2534-2535.	4.1	41
26	Metathesis Approach to the Synthesis of Polyheterocyclic Structures from Oxanorbornenes. <i>Organic Letters</i> , 2004, 6, 3821-3824.	4.6	41
27	Synthesis and Biological Evaluation of Manzamine Analogues. <i>Organic Letters</i> , 2006, 8, 3407-3409.	4.6	41
28	Intramolecular Photoaddition of Vinylogous Amides with Allenes: A Novel Approach to the Synthesis of Pyrroles. <i>Organic Letters</i> , 2006, 8, 4031-4033.	4.6	40
29	A Pauson-Khand Approach to the Synthesis of Ingenol. <i>Organic Letters</i> , 2005, 7, 1489-1491.	4.6	34
30	The Suramin Derivative NF449 Interacts with the 5-fold Vertex of the Enterovirus A71 Capsid to Prevent Virus Attachment to PSGL-1 and Heparan Sulfate. <i>PLoS Pathogens</i> , 2015, 11, e1005184.	4.7	33
31	Stereoselective Synthesis of the Taxane Ring System via the Tandem Diels-Alder Cycloaddition. <i>Journal of Organic Chemistry</i> , 1997, 62, 2957-2962.	3.2	32
32	A One-Step Synthesis of 2,3-Dihydro-4H-pyran-4-ones from 3-Ethoxy β^2 -Unsaturated Lactones. <i>Organic Letters</i> , 2005, 7, 2421-2423.	4.6	32
33	Intramoleculal Photocycloaddition on Dioxolenones: An Efficient Method for the Synthesis of Medium-sized Rings. <i>Heterocycles</i> , 1987, 25, 55.	0.7	31
34	Synthesis of Novel Heterocyclic Structures via Reaction of Isocyanides with S-trans-Enones. <i>Organic Letters</i> , 2006, 8, 3975-3977.	4.6	30
35	Stereoselective synthesis of the tetracyclic core of manzamine via the vinylogous amide photocycloaddition cascade. <i>Tetrahedron</i> , 1998, 54, 7045-7056.	1.9	29
36	Chemically Linked Vemurafenib Inhibitors Promote an Inactive BRAF ^{V600E} Conformation. <i>ACS Chemical Biology</i> , 2016, 11, 2876-2888.	3.4	26

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37	Pseudosymmetry in Azabicyclo[2.1.1]hexanes. A Stereoselective Construction of the Bicyclic Core of Peduncularine. <i>Organic Letters</i> , 2006, 8, 4437-4440.	4.6	25
38	Synthesis of Substituted Phenazines via Palladium-Catalyzed Aryl Ligation. <i>Heterocycles</i> , 2012, 84, 1345.	0.7	25
39	Synthetic Modification of Manzamine A via Grubbs Metathesis. Novel Structures with Enhanced Antibacterial and Antiprotozoal Properties. <i>Organic Letters</i> , 2007, 9, 4467-4469.	4.6	23
40	ALDH1A1 and HLTF modulate the activity of lysosomal autophagy inhibitors in cancer cells. <i>Autophagy</i> , 2017, 13, 2056-2071.	9.1	23
41	Synthesis of Cyclopropyl Taxane Analogs via Sequential Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 1996, 61, 9074-9075.	3.2	22
42	An Approach to Controlled Oligomerization via Iterative Diels-Alder Cycloadditions on Solid Supports. <i>Journal of Organic Chemistry</i> , 1998, 63, 8634-8635.	3.2	20
43	Studies directed toward the synthesis of nakadomarin A. <i>Tetrahedron Letters</i> , 2011, 52, 2162-2164.	1.4	20
44	Inhibition of JNK Sensitizes Hypoxic Colon Cancer Cells to DNA-Damaging Agents. <i>Clinical Cancer Research</i> , 2015, 21, 4143-4152.	7.0	19
45	Stereoselective Synthesis of Polycyclic Ring Systems via the Tandem Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 1994, 59, 6879-6881.	3.2	18
46	Intramolecular Photocycloaddition of Dioxenones with Alkynes: Formation of Secondary Photoproducts from Cyclobutene Photoadducts. <i>Organic Letters</i> , 2005, 7, 227-229.	4.6	18
47	Dimeric quinacrine as chemical tools to identify PPT1, a new regulator of autophagy in cancer cells. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1395504.	0.7	18
48	A 3-(4-nitronaphthen-1-yl) amino-benzoate analog as a bifunctional AKR1C3 inhibitor and AR antagonist: Head to head comparison with other advanced AKR1C3 targeted therapeutics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 192, 105283.	2.5	17
49	Photochemical Route to the Synthesis of Thiolane 1-Oxides. <i>Journal of the American Chemical Society</i> , 2006, 128, 9040-9041.	13.7	16
50	Stereoselective Synthesis of F-Ring Saturated Estrone-Derived Inhibitors of Hedgehog Signaling Based on Cyclopamine. <i>Organic Letters</i> , 2011, 13, 4786-4789.	4.6	15
51	Design, synthesis, and biological evaluation of \hat{I}^2 -carboline dimers based on the structure of neokaulamine. <i>Tetrahedron Letters</i> , 2015, 56, 3515-3517.	1.4	15
52	An Approach to the Synthesis of the Manzamine Alkaloids Via the Vinylogous Amide PhotocycloAddition/Retro-Mannich Fragmentation/Mannich Closure Cascade (pharM). <i>Israel Journal of Chemistry</i> , 1997, 37, 47-67.	2.3	11
53	Synthesis and Structure-Activity Relationship Study of Biliatresone, a Plant Isoflavonoid That Causes Biliary Atresia. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 61-64.	2.8	11
54	Synthesis of Cyclic Hemiketals and Spiroketal from Dioxanorbornanes. <i>Organic Letters</i> , 2004, 6, 3735-3737.	4.6	9

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55	An Unusual Pathway to Cyclobutane Formation via Desulfurative Intramolecular Photocycloaddition of an Enone Benzothiazoline Pair. <i>Organic Letters</i> , 2009, 11, 1685-1687.	4.6	9
56	Impaired Redox and Protein Homeostasis as Risk Factors and Therapeutic Targets in Toxin-Induced Biliary Atresia. <i>Gastroenterology</i> , 2020, 159, 1068-1084.e2.	1.3	9
57	Studies Directed toward the Elucidation of the Pharmacophore of Steroid-Based Sonic Hedgehog Signaling Inhibitors. <i>Organic Letters</i> , 2011, 13, 5140-5143.	4.6	8
58	<i>N</i>-(7-Cyano-6-(4-fluoro-3-(2-(3-(trifluoromethyl)phenyl)acetamido)phenoxy)benzo[d]thiazol-2-yl)cyclopropanecarboxamide (TAK632) Promotes Inhibition of BRAF through the Induction of Inhibited Dimers. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5034-5046.	6.4	7
59	Synthesis of Cyclohexane-Angularly-Fused Triquinanes. <i>Synthesis</i> , 2021, 53, 475-488.	2.3	7
60	Design, synthesis, and biological evaluation of estrone-derived hedgehog signaling inhibitors. <i>Tetrahedron</i> , 2011, 67, 10261-10266.	1.9	6
61	PUMA-dependent apoptosis in NSCLC cancer cells by a dimeric \hat{I}^2 -carboline. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4884-4887.	2.2	6
62	Design, Synthesis, and Biological Evaluation of Allosteric Effectors That Enhance CO Release from Carboxyhemoglobin. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 714-718.	2.8	5
63	A Transannular Rearrangement Reaction of a Pyrroloindoline Diketopiperazine. <i>Organic Letters</i> , 2019, 21, 6619-6623.	4.6	5
64	Synthesis of a novel bruceantin analog via intramolecular etherification. <i>Canadian Journal of Chemistry</i> , 2020, 98, 270-272.	1.1	3
65	Synthesis and Applications of the <i>C</i> ₂ -Symmetrical Diamine 2,7-Diazabicyclo[4.4.1]undecane. <i>Journal of Organic Chemistry</i> , 2020, 85, 7424-7432.	3.2	3
66	Synthesis of and Metal Complexation with a Chiral Cyclam. <i>Journal of Organic Chemistry</i> , 2021, 86, 5417-5422.	3.2	2
67	Anticancer properties of bisaminoquinolines with modified linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 49, 128272.	2.2	2
68	Inhibition of Soluble Epoxide Hydrolase Augments Hypoxic Pulmonary Vasoconstriction and Improves Gas Exchange in Mice. <i>FASEB Journal</i> , 2013, 27, 1140.1.	0.5	2
69	Synthesis of the Core Ring System of the Antiosteoporotic Citrofulvicin. <i>Organic Letters</i> , 2021, 23, 4575-4578.	4.6	1
70	Photochemistry of Enamines and Enaminones. , 0, , 637-679.		0
71	Metathesis Approach to the Synthesis of Polyheterocyclic Structures from Oxanorbornenes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
72	Synthesis of Highly Functionalized Furanones via Aldol Reaction of 3-Silyloxyfurans.. <i>ChemInform</i> , 2005, 36, no.	0.0	0

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73	A One-Step Synthesis of 2,3-Dihydro-4H-pyran-4-ones from 3-Ethoxy α,β -Unsaturated Lactones.. ChemInform, 2005, 36, no.	0.0	0
74	Targeted delivery of mPGES-1 inhibitors to macrophages via the folate receptor β for inflammatory pain. Bioorganic and Medicinal Chemistry Letters, 2021, 50, 128313.	2.2	0