Jeffrey D Winkler

List of Publications by Year
in descending order

74	3,837	147566	128067
papers	citations	31 h-index	60 g-index

82	82	82	6745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Cyclohexane-Angularly-Fused Triquinanes. Synthesis, 2021, 53, 475-488.	1.2	7
2	Synthesis of and Metal Complexation with a Chiral Cyclam. Journal of Organic Chemistry, 2021, 86, 5417-5422.	1.7	2
3	Synthesis of the Core Ring System of the Antiosteoporotic Citrofulvicin. Organic Letters, 2021, 23, 4575-4578.	2.4	1
4	Anticancer properties of bisaminoquinolines with modified linkers. Bioorganic and Medicinal Chemistry Letters, 2021, 49, 128272.	1.0	2
5	Targeted delivery of mPGES-1 inhibitors to macrophages via the folate receptor-Î² for inflammatory pain. Bioorganic and Medicinal Chemistry Letters, 2021, 50, 128313.	1.0	0
6	SIRT1 is downregulated by autophagy in senescence and ageing. Nature Cell Biology, 2020, 22, 1170-1179.	4.6	236
7	Impaired Redox and Protein Homeostasis as Risk Factors and Therapeutic Targets in Toxin-Induced Biliary Atresia. Gastroenterology, 2020, 159, 1068-1084.e2.	0.6	9
8	Synthesis of a novel bruceantin analog via intramolecular etherification. Canadian Journal of Chemistry, 2020, 98, 270-272.	0.6	3
9	Synthesis and Applications of the C₂-Symmetrical Diamine 2,7-Diazabicyclo[4.4.1]undecane. Journal of Organic Chemistry, 2020, 85, 7424-7432.	1.7	3
10	PPT1 inhibition enhances the antitumor activity of antiâ€“PD-1 antibody in melanoma. JCI Insight, 2020, 5, .	2.3	44
11	A Transannular Rearrangement Reaction of a Pyrroloindoline Diketopiperazine. Organic Letters, 2019, 21, 6619-6623.	2.4	5
12	PPT1 Promotes Tumor Growth and Is the Molecular Target of Chloroquine Derivatives in Cancer. Cancer Discovery, 2019, 9, 220-229.	7.7	164
13	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. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105283.	1.2	17
14	Synthesis and Structureâ€“Activity Relationship Study of Biliatresone, a Plant Isoflavonoid That Causes Biliary Atresia. ACS Medicinal Chemistry Letters, 2018, 9, 61-64.	1.3	11
15	N-(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. Journal of Medicinal Chemistry, 2018, 61, 5034-5046.	2.9	7
16	Dimeric quinacrines as chemical tools to identify PPT1, a new regulator of autophagy in cancer cells. Molecular and Cellular Oncology, 2018, 5, e1395504.	0.3	18
17	Design, Synthesis, and Biological Evaluation of Allosteric Effectors That Enhance CO Release from Carboxyhemoglobin. ACS Medicinal Chemistry Letters, 2018, 9, 714-718.	1.3	5
18	Autophagy Inhibition Enhances Sunitinib Efficacy in Clear Cell Ovarian Carcinoma. Molecular Cancer Research, 2017, 15, 250-258.	1.5	52

#	Article	IF	Citations
19	ALDH1A1 and HLTF modulate the activity of lysosomal autophagy inhibitors in cancer cells. Autophagy, 2017, 13, 2056-2071.	4.3	23
20	A Unified Approach to Targeting the Lysosome's Degradative and Growth Signaling Roles. Cancer Discovery, 2017, 7, 1266-1283.	7.7	159
21	CDK4/6 and autophagy inhibitors synergistically induce senescence in Rb positive cytoplasmic cyclin E negative cancers. Nature Communications, 2017, 8, 15916.	5.8	214
22	Sex steroids regulate skin pigmentation through nonclassical membrane-bound receptors. ELife, 2016, 5, .	2.8	89
23	Chemically Linked Vemurafenib Inhibitors Promote an Inactive BRAF^{V600E} Conformation. ACS Chemical Biology, 2016, 11, 2876-2888.	1.6	26
24	PUMA-dependent apoptosis in NSCLC cancer cells by a dimeric Î²-carboline. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4884-4887.	1.0	6
25	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. PLoS Pathogens, 2015, 11, e1005184.	2.1	33
26	Inhibition of JNK Sensitizes Hypoxic Colon Cancer Cells to DNA-Damaging Agents. Clinical Cancer Research, 2015, 21, 4143-4152.	3.2	19
27	Design, synthesis, and biological evaluation of Î²-carboline dimers based on the structure of neokauluamine. Tetrahedron Letters, 2015, 56, 3515-3517.	0.7	15
28	Autophagy Gene Atg16l1 Prevents Lethal T Cell Alloreactivity Mediated by Dendritic Cells. Immunity, 2014, 41, 579-591.	6.6	87
29	Inhibition of Soluble Epoxide Hydrolase Augments Hypoxic Pulmonary Vasoconstriction and Improves Gas Exchange in Mice. FASEB Journal, 2013, 27, 1140.1.	0.2	2
30	Autophagy inhibitor Lys05 has single-agent antitumor activity and reproduces the phenotype of a genetic autophagy deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8253-8258.	3.3	348
31	Synthesis of Substituted Phenazines via Palladium-Catalyzed Aryl Ligation. Heterocycles, 2012, 84, 1345.	0.4	25
32	Studies Directed toward the Elucidation of the Pharmacophore of Steroid-Based Sonic Hedgehog Signaling Inhibitors. Organic Letters, 2011, 13, 5140-5143.	2.4	8
33	Stereoselective Synthesis of F-Ring Saturated Estrone-Derived Inhibitors of Hedgehog Signaling Based on Cyclopamine. Organic Letters, 2011, 13, 4786-4789.	2.4	15
34	Design, synthesis, and biological evaluation of estrone-derived hedgehog signaling inhibitors. Tetrahedron, 2011, 67, 10261-10266.	1.0	6
35	Studies directed toward the synthesis of nakadomarin A. Tetrahedron Letters, 2011, 52, 2162-2164.	0.7	20
36	An Unusual Pathway to Cyclobutane Formation via Desulfurative Intramolecular Photocycloaddition of an Enone Benzothiazoline Pair. Organic Letters, 2009, 11, 1685-1687.	2.4	9

#	Article	IF	Citations
37	Design and Synthesis of Inhibitors of Hedgehog Signaling Based on the Alkaloid Cyclopamine. Organic Letters, 2009, 11, 2824-2827.	2.4	49
38	Synthetic Modification of Manzamine A via Grubbs Metathesis. Novel Structures with Enhanced Antibacterial and Antiprotozoal Properties. Organic Letters, 2007, 9, 4467-4469.	2.4	23
39	Pseudosymmetry in Azabicyclo[2.1.1]hexanes. A Stereoselective Construction of the Bicyclic Core of Peduncularine. Organic Letters, 2006, 8, 4437-4440.	2.4	25
40	Synthesis and Biological Evaluation of Manzamine Analogues. Organic Letters, 2006, 8, 3407-3409.	2.4	41
41	Intramolecular Photoaddition of Vinylogous Amides with Allenes:â€‰ A Novel Approach to the Synthesis of Pyrroles. Organic Letters, 2006, 8, 4031-4033.	2.4	40
42	Synthesis of Novel Heterocyclic Structures via Reaction of Isocyanides with S-trans-Enones. Organic Letters, 2006, 8, 3975-3977.	2.4	30
43	Antimalarial Activity of a New Family of Analogues of Manzamine A. Organic Letters, 2006, 8, 2591-2594.	2.4	58
44	Photochemical Route to the Synthesis of Thiolane 1-Oxides. Journal of the American Chemical Society, 2006, 128, 9040-9041.	6.6	16
45	Metathesis Approach to the Synthesis of Polyheterocyclic Structures from Oxanorbornenes.. ChemInform, 2005, 36, no.	0.1	0
46	Synthesis of Highly Functionalized Furanones via Aldol Reaction of 3-Silyloxyfurans.. ChemInform, 2005, 36, no.	0.1	0
47	A One-Step Synthesis of 2,3-Dihydro-4H-pyran-4-ones from 3-Ethoxy Î±,Î²-Unsaturated Lactones.. ChemInform, 2005, 36, no.	0.1	0
48	Synthesis of Highly Functionalized Furanones via Aldol Reaction of 3-Silyloxyfuransâ€. Organic Letters, 2005, 7, 387-389.	2.4	54
49	A Pausonâ"Khand Approach to the Synthesis of Ingenol. Organic Letters, 2005, 7, 1489-1491.	2.4	34
50	A One-Step Synthesis of 2,3-Dihydro-4H-pyran-4-ones from 3-Ethoxy Î±,Î²-Unsaturated Lactones. Organic Letters, 2005, 7, 2421-2423.	2.4	32
51	Intramolecular Photocycloaddition of Dioxenones with Alkynes:â€‰ Formation of Secondary Photoproducts from Cyclobutene Photoadducts. Organic Letters, 2005, 7, 227-229.	2.4	18
52	Synthesis of Cyclic Hemiketals and Spiroketals from Dioxanorbornanes. Organic Letters, 2004, 6, 3735-3737.	2.4	9
53	Metathesis Approach to the Synthesis of Polyheterocyclic Structures from Oxanorbornenes. Organic Letters, 2004, 6, 3821-3824.	2.4	41
54	Tandem Dielsâ"Alder/Fragmentation Approach to the Synthesis of Eleutherobin. Organic Letters, 2003, 5, 1805-1808.	2.4	66

#	Article	IF	Citations
55	Novel conformationally-constrained Î²-peptides characterized by1H NMR chemical shifts. Chemical Communications, 2003, , 2534-2535.	2.2	41
56	The First Total Synthesis of (Â±)-Ingenol. Journal of the American Chemical Society, 2002, 124, 9726-9728.	6.6	159
57	Synthesis of 6-Aza-bicyclo[3,2,1]octan-3-ones via Vinylogous Imide Photochemistry:Â An Approach to the Synthesis of the Hetisine Alkaloids. Journal of the American Chemical Society, 2001, 123, 7429-7430.	6.6	68
58	Design and Synthesis of Foldamers Based on an Anthracene Diels-Alder Adduct. Angewandte Chemie - International Edition, 2001, 40, 743-745.	7.2	43
59	The First Total Synthesis of (Â±)-Saudin. Journal of the American Chemical Society, 1999, 121, 7425-7426.	6.6	52
60	Stereoselective synthesis of the tetracyclic core of manzamine via the vinylogous amide photocycloaddition cascade. Tetrahedron, 1998, 54, 7045-7056.	1.0	29
61	The First Total Syntheses of Ircinol A, Ircinal A, and Manzamines A and D. Journal of the American Chemical Society, 1998, 120, 6425-6426.	6.6	158
62	An Approach to Controlled Oligomerization via Iterative Dielsâ˜'Alder Cycloadditions on Solid Supportsâ€. Journal of Organic Chemistry, 1998, 63, 8634-8635.	1.7	20
63	Photodynamic Fluorescent Metal Ion Sensors with Parts per Billion Sensitivity. Journal of the American Chemical Society, 1998, 120, 3237-3242.	6.6	192
64	An Approach to the Synthesis of the Manzamine Alkaloids Via the Vinylogous Amide PHotocycloAddition/Retroâ€Mannich Fragmentation/Mannich Closure Cascade (pharM). Israel Journal of Chemistry, 1997, 37, 47-67.	1.0	11
65	Approaches to the synthesis of ingenol. Chemical Society Reviews, 1997, 26, 387.	18.7	58
66	Stereoselective Synthesis of the Taxane Ring System via the Tandem Dielsâ˜'Alder Cycloadditionâ€. Journal of Organic Chemistry, 1997, 62, 2957-2962.	1.7	32
67	Synthesis of Cyclopropyl Taxane Analogs via Sequential Dielsâ˜'Alder Reactions. Journal of Organic Chemistry, 1996, 61, 9074-9075.	1.7	22
68	Tandem Dielsâ˜'Alder Cycloadditions in Organic Synthesis. Chemical Reviews, 1996, 96, 167-176.	23.0	362
69	[2 + 2] Photocycloaddition/Fragmentation Strategies for the Synthesis of Natural and Unnatural Products. Chemical Reviews, 1995, 95, 2003-2020.	23.0	184
70	Stereoselective Synthesis of Polycyclic Ring Systems via the Tandem Diels-Alder Reaction. Journal of Organic Chemistry, 1994, 59, 6879-6881.	1.7	18
71	A stereoselective synthesis of (-)-perhydrohistrionicotoxin. Journal of the American Chemical Society, 1989, 111, 4852-4856.	6.6	66
72	Intramolecural Photocycloaddition on Dioxolenones: An Efficient Method for the Synthesis of Medium-sized Rings. Heterocycles, 1987, 25, 55.	0.4	31

#	Article	IF	Citations
73	Inside-outside stereoisomerism. II. Synthesis of the carbocyclic ring system of the ingenane diterpenes via the intramolecular dioxolenone photocycloaddition. Journal of the American Chemical Society, 1987, 109, 2850-2851.	6.6	58
74	Photochemistry of Enamines and Enaminones. , 0, , 637-679.		0