

William P Malachowski

List of Publications by Year in descending order

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29
papers

1,856
citations

394421

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526287

27
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38
all docs

38
docs citations

38
times ranked

2617
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of IDO1 Inhibitors: From Bench to Bedside. <i>Cancer Research</i> , 2017, 77, 6795-6811.	0.9	433
2	Indoleamine 2,3-Dioxygenase and Its Therapeutic Inhibition in Cancer. <i>International Review of Cell and Molecular Biology</i> , 2018, 336, 175-203.	3.2	204
3	Structure-Activity Study of Brassinin Derivatives as Indoleamine 2,3-Dioxygenase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 684-692.	6.4	161
4	A key in vivo antitumor mechanism of action of natural product-based brassinins is inhibition of indoleamine 2,3-dioxygenase. <i>Oncogene</i> , 2008, 27, 2851-2857.	5.9	154
5	Indoleamine 2,3-Dioxygenase Is the Anticancer Target for a Novel Series of Potent Naphthoquinone-Based Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1706-1718.	6.4	151
6	Structure Based Development of Phenylimidazole-Derived Inhibitors of Indoleamine 2,3-Dioxygenase. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4968-4977.	6.4	148
7	Indoleamine 2,3-dioxygenase in cancer: targeting pathological immune tolerance with small-molecule inhibitors. <i>Expert Opinion on Therapeutic Targets</i> , 2005, 9, 831-849.	3.4	100
8	The Chemistry of Phosphopeptides: Investigations on the Synthesis of Phosphoramidate, Phosphonate, and Phosphinate Analogs of Glutamyl- γ -glutamate. <i>Journal of Organic Chemistry</i> , 1994, 59, 7625-7634.	3.2	73
9	The Chemistry of Phosphopeptides: Formation of Functionalized Phosphonochloridates under Mild Conditions and Their Reaction with Alcohols and Amines. <i>Journal of Organic Chemistry</i> , 1994, 59, 7616-7624.	3.2	64
10	Asymmetric Total Synthesis of (+)-Apovincamine and a Formal Synthesis of (+)-Vincamine. Demonstration of a Practical α -Asymmetric Linkage between Aromatic Carboxylic Acids and Chiral Acyclic Substrates. <i>Journal of Organic Chemistry</i> , 1997, 62, 1223-1229.	3.2	42
11	The Enantioselective Synthesis of (α)-Lycoramine with the Birch-Cope Sequence. <i>Journal of Organic Chemistry</i> , 2007, 72, 6792-6796.	3.2	40
12	The Enantioselective Birch-Cope Sequence for the Synthesis of Carbocyclic Quaternary Stereocenters. Application to the Synthesis of (+)-Mesembrine. <i>Organic Letters</i> , 2006, 8, 4007-4010.	4.6	37
13	Diaryl hydroxylamines as pan or dual inhibitors of indoleamine 2,3-dioxygenase-1, indoleamine 2,3-dioxygenase-2 and tryptophan dioxygenase. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 455-464.	5.5	37
14	The Synthesis of Azapeptidomimetic β -Lactam Molecules as Potential Protease Inhibitors. <i>Journal of Organic Chemistry</i> , 2002, 67, 8962-8969.	3.2	33
15	O-alkylhydroxylamines as rationally-designed mechanism-based inhibitors of indoleamine 2,3-dioxygenase-1. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 564-576.	5.5	33
16	The Tumor-Selective Cytotoxic Agent β -Lapachone is a Potent Inhibitor of IDO1. <i>International Journal of Tryptophan Research</i> , 2013, 6, IJTR.S12094.	2.3	26
17	Enantioselective synthesis of bicarbocyclic structures with an all-carbon quaternary stereocenter through sequential cross metathesis and intramolecular Rauhut-Currier reaction. <i>Tetrahedron Letters</i> , 2010, 51, 2636-2638.	1.4	25
18	A general strategy for the synthesis of azapeptidomimetic lactams. <i>Tetrahedron</i> , 2005, 61, 10277-10284.	1.9	23

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19	Exploration of the Enantioselective Birch-Cope Sequence for the Synthesis of Carbocyclic Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2007, 72, 930-937.	3.2	20
20	Enantioselective synthesis of decalin structures with all-carbon quaternary centers via one-pot sequential Cope/Rauhut-Currier reaction. <i>Tetrahedron Letters</i> , 2014, 55, 4616-4618.	1.4	10
21	Catalytic Enantioselective Birch-Heck Sequence for the Synthesis of Tricyclic Structures with All-Carbon Quaternary Stereocenters. <i>Organic Letters</i> , 2018, 20, 1740-1743.	4.6	10
22	Sequential Birch reduction-allylation and Cope rearrangement of o-anisic acid derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 8183-8185.	1.4	8
23	The first report of Lewis acid reagents in the intramolecular Rauhut-Currier reaction. <i>Tetrahedron Letters</i> , 2015, 56, 6073-6076.	1.4	6
24	Palladium-catalyzed mono- ¹³ C-arylation of 7-methoxy-4-methylcoumarin. <i>Tetrahedron Letters</i> , 2019, 60, 151057.	1.4	6
25	The enantioselective construction of tetracyclic diterpene skeletons with Friedel-Crafts alkylation and palladium-catalyzed cycloalkenylation reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2726-2744.	2.8	5
26	Proton Spin-Lattice Relaxation in Organic Molecular Solids: Polymorphism and the Dependence on Sample Preparation. <i>ChemPhysChem</i> , 2018, 19, 2423-2436.	2.1	3
27	Catalytic Enantioselective Birch-Heck Sequence for the Synthesis of Phenanthridinone Derivatives with an All-Carbon Quaternary Stereocenter. <i>Journal of Organic Chemistry</i> , 2022, 87, 1154-1172.	3.2	1
28	Sequential Birch Reduction-Allylation and Cope Rearrangement of o-Anisic Acid Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
29	Monitoring a simple hydrolysis process in an organic solid by observing methyl group rotation. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 85-86, 1-11.	2.3	0