

John D Chisholm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2163837/publications.pdf>

Version: 2024-02-01

68
papers

1,894
citations

201674

27
h-index

289244

40
g-index

89
all docs

89
docs citations

89
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium-Catalyzed Alkene-Alkyne Coupling: A Synthesis of the Proposed Structure of Amphidinolide A. <i>Journal of the American Chemical Society</i> , 2002, 124, 12420-12421.	13.7	92
2	The Next Generation of Immunotherapy for Cancer: Small Molecules Could Make Big Waves. <i>Journal of Immunology</i> , 2019, 202, 11-19.	0.8	92
3	Therapeutic Potential of SH2 Domain-Containing Inositol-5-Phosphatase 1 (SHIP1) and SHIP2 Inhibition in Cancer. <i>Molecular Medicine</i> , 2012, 18, 65-75.	4.4	91
4	Total Synthesis of (+)-Amphidinolide A. Assembly of the Fragments. <i>Journal of the American Chemical Society</i> , 2005, 127, 13589-13597.	13.7	82
5	Total Synthesis of (+)-Amphidinolide A. Structure Elucidation and Completion of the Synthesis. <i>Journal of the American Chemical Society</i> , 2005, 127, 13598-13610.	13.7	75
6	An Acid-Catalyzed Macrolactonization Protocol. <i>Organic Letters</i> , 2002, 4, 3743-3745.	4.6	72
7	RebG- and RebM-Catalyzed Indolocarbazole Diversification. <i>ChemBioChem</i> , 2006, 7, 795-804.	2.6	67
8	Addition of Alkynes to Aldehydes and Activated Ketones Catalyzed by Rhodium-Phosphine Complexes. <i>Journal of Organic Chemistry</i> , 2007, 72, 9590-9596.	3.2	64
9	Rhodium-catalyzed 1,4-addition of terminal alkynes to vinyl ketones. <i>Tetrahedron Letters</i> , 2004, 45, 6591-6594.	1.4	59
10	Palladium-catalyzed addition of alkynes to cyclopropenes. <i>Chemical Communications</i> , 2006, , 632.	4.1	59
11	Regiocontrolled Synthesis of the Antitumor Antibiotic AT2433-A1. <i>Journal of Organic Chemistry</i> , 2000, 65, 7541-7553.	3.2	56
12	Targeting SHIP-1 in Myeloid Cells Enhances Trained Immunity and Boosts Response to Infection. <i>Cell Reports</i> , 2018, 25, 1118-1126.	6.4	55
13	Rhodium-Catalyzed Addition of Alkynes to Activated Ketones and Aldehydes. <i>Organic Letters</i> , 2006, 8, 67-69.	4.6	53
14	Lipid phosphatase SHIP2 functions as oncogene in colorectal cancer by regulating PKB activation. <i>Oncotarget</i> , 2016, 7, 73525-73540.	1.8	48
15	Discovery and Development of Small Molecule SHIP Phosphatase Modulators. <i>Medicinal Research Reviews</i> , 2014, 34, 795-824.	10.5	44
16	DNA sequence recognition by the indolocarbazole antitumor antibiotic AT2433-B1 and its diastereoisomer. <i>Nucleic Acids Research</i> , 2002, 30, 1774-1781.	14.5	41
17	Pan-SHIP1/2 inhibitors promote microglia effector functions essential for CNS homeostasis. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	41
18	Conformational Control in the Rebeccamycin Class of Indolocarbazole Glycosides. <i>Journal of Organic Chemistry</i> , 1999, 64, 5670-5676.	3.2	40

#	ARTICLE	IF	CITATIONS
19	Phosphorylation and Ubiquitination Regulate Protein Phosphatase 5 Activity and Its Prosurvival Role in Kidney Cancer. <i>Cell Reports</i> , 2017, 21, 1883-1895.	6.4	40
20	Rhodium-catalyzed addition of aryl boronic acids to 1,2-diketones and 1,2-ketoesters. <i>Tetrahedron Letters</i> , 2007, 48, 8266-8269.	1.4	38
21	A Caveat in the Application of the Exciton Chirality Method to N,N-Dialkyl Amides. Synthesis and Structural Revision of AT2433-B1. <i>Journal of the American Chemical Society</i> , 1999, 121, 3801-3802.	13.7	37
22	Dual enhancement of T and NK cell function by pulsatile inhibition of SHIP1 improves antitumor immunity and survival. <i>Science Signaling</i> , 2017, 10, .	3.6	35
23	Phosphine-catalyzed nitroaldol reactions. <i>Tetrahedron Letters</i> , 2006, 47, 9313-9316.	1.4	32
24	Tandem Oxidation/Halogenation of Aryl Allylic Alcohols under Moffatt-Swern Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 7054-7057.	3.2	32
25	Lewis Acid Catalyzed Displacement of Trichloroacetimidates in the Synthesis of Functionalized Pyrroloindolines. <i>Organic Letters</i> , 2016, 18, 4100-4103.	4.6	31
26	DNA Binding and Topoisomerase I Poisoning Activities of Novel Disaccharide Indolocarbazoles. <i>Molecular Pharmacology</i> , 2002, 62, 1215-1227.	2.3	30
27	Synthetic Triterpenoid Inhibition of Human Ghrelin <i>O</i> -Acyltransferase: The Involvement of a Functionally Required Cysteine Provides Mechanistic Insight into Ghrelin Acylation. <i>Biochemistry</i> , 2017, 56, 919-931.	2.5	28
28	Brønsted Acid Catalyzed Monoalkylation of Anilines with Trichloroacetimidates. <i>Journal of Organic Chemistry</i> , 2015, 80, 1993-2000.	3.2	27
29	A small-molecule inhibitor of SHIP1 reverses age- and diet-associated obesity and metabolic syndrome. <i>JCI Insight</i> , 2016, 1, .	5.0	27
30	An unusual intramolecular Diels-Alder approach toward maoecrystal V. <i>Tetrahedron Letters</i> , 2013, 54, 1734-1737.	1.4	26
31	Alkylation of Sulfonamides with Trichloroacetimidates under Thermal Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 8035-8042.	3.2	25
32	Glycosylation of 2,2'-Indolyindolines. <i>Journal of Organic Chemistry</i> , 1995, 60, 6672-6673.	3.2	24
33	SHIP1 Regulates MSC Numbers and Their Osteolineage Commitment by Limiting Induction of the PI3K/Akt/ β -Catenin/Id2 Axis. <i>Stem Cells and Development</i> , 2014, 23, 2336-2351.	2.1	21
34	Alkylation of thiols with trichloroacetimidates under neutral conditions. <i>Tetrahedron Letters</i> , 2015, 56, 3301-3305.	1.4	21
35	Formation of DPM ethers using O-diphenylmethyl trichloroacetimidate under thermal conditions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1623-1628.	2.8	21
36	Small molecule targeting of SHIP1 and SHIP2. <i>Biochemical Society Transactions</i> , 2020, 48, 291-300.	3.4	21

#	ARTICLE	IF	CITATIONS
37	Spontaneous formation of PMB esters using 4-methoxybenzyl-2,2,2-trichloroacetimidate. <i>Tetrahedron Letters</i> , 2014, 55, 1740-1742.	1.4	20
38	Synthesis and initial evaluation of quinoline-based inhibitors of the SH2-containing inositol 5 α -phosphatase (SHIP). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5344-5348.	2.2	18
39	SHIPi Enhances Autologous and Allogeneic Hematopoietic Stem Cell Transplantation. <i>EBioMedicine</i> , 2015, 2, 205-213.	6.1	17
40	Discovery of a novel SHIP1 agonist that promotes degradation of lipid-laden phagocytic cargo by microglia. <i>IScience</i> , 2022, 25, 104170.	4.1	17
41	Rearrangement of Benzylic Trichloroacetimidates to Benzylic Trichloroacetamides. <i>Journal of Organic Chemistry</i> , 2017, 82, 3982-3989.	3.2	16
42	Targeting SHIP1 and SHIP2 in Cancer. <i>Cancers</i> , 2021, 13, 890.	3.7	15
43	Ester Formation via Symbiotic Activation Utilizing Trichloroacetimidate Electrophiles. <i>Journal of Organic Chemistry</i> , 2019, 84, 7871-7882.	3.2	14
44	An overview of ghrelin<i>O</i>-acyltransferase inhibitors: a literature and patent review for 2010-2019. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 581-593.	5.0	14
45	Convenient Formation of Diphenylmethyl Esters Using Diphenylmethyl Trichloroacetimidate. <i>Synlett</i> , 2014, 25, 283-287.	1.8	13
46	Indolocarbazole Glycosides in Inactive Conformations. <i>ChemBioChem</i> , 2003, 4, 386-395.	2.6	10
47	Ligand effects in the rhodium-catalyzed addition of alkynes to aldehydes and diketones. Modification of the I ² -diketonate ligand. <i>Tetrahedron Letters</i> , 2007, 48, 8743-8746.	1.4	10
48	Preparation and Applications of 4-Methoxybenzyl Esters in Organic Synthesis. <i>Organic Preparations and Procedures International</i> , 2016, 48, 1-36.	1.3	10
49	Synthesis of 3,3 α -Disubstituted Indolenines Utilizing the Lewis Acid Catalyzed Alkylation of 2,3-Disubstituted Indoles with Trichloroacetimidates. <i>Synlett</i> , 2017, 28, 2335-2339.	1.8	8
50	Ruthenium dihydride complexes as enyne metathesis catalysts. <i>Tetrahedron Letters</i> , 2018, 59, 4471-4474.	1.4	8
51	A multisubstrate reductase from <i>Plantago major</i> : structure-function in the short chain reductase superfamily. <i>Scientific Reports</i> , 2018, 8, 14796.	3.3	8
52	Friedel-Crafts alkylation of indoles with trichloroacetimidates. <i>Tetrahedron Letters</i> , 2019, 60, 1325-1329.	1.4	7
53	Formation of pyrroloindolines via the alkylation of tryptamines with trichloroacetimidates. <i>Tetrahedron Letters</i> , 2021, 77, 153256.	1.4	7
54	Synthesis of 1,1 α -Diarylethanes and Related Systems by Displacement of Trichloroacetimidates with Trimethylaluminum. <i>Journal of Organic Chemistry</i> , 2018, 83, 4131-4139.	3.2	6

#	ARTICLE	IF	CITATIONS
55	A Rhodium-Catalyzed Tandem Alkyne Dimerization/ 1,4-Addition Reaction. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3485-3491.	4.3	5
56	Tandem elimination-oxidation of tertiary benzylic alcohols with an oxoammonium salt. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6233-6236.	2.8	5
57	Metal Free Amino-Oxidation of Electron Rich Alkenes Mediated by an Oxoammonium Salt. <i>Israel Journal of Chemistry</i> , 2021, 61, 322-326.	2.3	5
58	Promoter free allylation of trichloroacetimidates with allyltributylstannanes under thermal conditions to access the common 1,1-dialkylbutyl pharmacophore. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4008-4012.	2.8	3
59	Dialkylation of Indoles with Trichloroacetimidates to Access 3,3-Disubstituted Indolenines. <i>Molecules</i> , 2019, 24, 4143.	3.8	3
60	Synthesis of N-Substituted 3-Amino-4-halopyridines: A Sequential Boc-Removal/Reductive Amination Mediated by Brønsted and Lewis Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 1634-1642.	3.2	2
61	Synthetic studies on the indane SHIP1 agonist AQX-1125. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	2
62	LRBA Deficiency Can Lead to Lethal Colitis That Is Diminished by SHIP1 Agonism. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	2
63	Alkylation of isatins with trichloroacetimidates. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2131-2136.	2.8	1
64	An Acid-Catalyzed Macrolactonization Protocol.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
65	Rhodium-Catalyzed 1,4-Addition of Terminal Alkynes to Vinyl Ketones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
66	Esterifications with 2-(Trimethylsilyl)ethyl 2,2,2-Trichloroacetimidate. <i>Organics</i> , 2021, 2, 17-25.	1.3	0
67	Acid Catalyzed N-Alkylation of Pyrazoles with Trichloroacetimidates. <i>Organics</i> , 2022, 3, 111-121.	1.3	0
68	Tandem oxidation-bromination of allylic alcohols with a TEMPO-Oxone-Et ₄ NBr reactant system. <i>Tetrahedron Letters</i> , 2022, , 153994.	1.4	0