

Ryan E Looper

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7959475/publications.pdf>

Version: 2024-02-01

49
papers

2,753
citations

304743

22
h-index

206112

48
g-index

52
all docs

52
docs citations

52
times ranked

4508
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation by the (R)-enantiomer of 2-hydroxyglutarate linked to EGLN activation. <i>Nature</i> , 2012, 483, 484-488.	27.8	630
2	(R)-2-Hydroxyglutarate Is Sufficient to Promote Leukemogenesis and Its Effects Are Reversible. <i>Science</i> , 2013, 339, 1621-1625.	12.6	624
3	Human Phosphoglycerate Dehydrogenase Produces the Oncometabolite (R)-2-Hydroxyglutarate. <i>ACS Chemical Biology</i> , 2015, 10, 510-516.	3.4	152
4	Glutamine-dependent anapleurosis dictates glucose uptake and cell growth by regulating MondoA transcriptional activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14878-14883.	7.1	142
5	Addition of Hydroamination Reactions of Propargyl Cyanamides: Rapid Access to Highly Substituted 2-Aminoimidazoles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3116-3120.	13.8	114
6	Regioselective Rhodium(II)-Catalyzed Hydroaminations of Propargylguanidines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 684-687.	13.8	97
7	2-Aminoimidazoles from Leucetta Sponges: Synthesis and Biology of an Important Pharmacophore. <i>Current Bioactive Compounds</i> , 2009, 5, 39-78.	0.5	80
8	A Stereocontrolled Synthesis of (+)-Saxitoxin. <i>Journal of the American Chemical Society</i> , 2011, 133, 20172-20174.	13.7	71
9	Synthesis of the Putative Structure of 7-Deoxycylindrospermopsin: C7 Oxygenation Is Not Required for the Inhibition of Protein Synthesis. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3879-3881.	13.8	64
10	Total synthesis of (±)-heliannuol D, an allelochemical from <i>Helianthus annuus</i> . <i>Tetrahedron Letters</i> , 2000, 41, 1151-1154.	1.4	58
11	Syntheses of the cylindrospermopsin alkaloids. <i>Tetrahedron</i> , 2006, 62, 4549-4562.	1.9	46
12	Cancer-associated 2-oxoglutarate analogues modify histone methylation by inhibiting histone lysine demethylases. <i>Journal of Molecular Biology</i> , 2018, 430, 3081-3092.	4.2	43
13	Synthesis of Aromatic Bisabolene Natural Products via Palladium-Catalyzed Cross-Couplings of Organozinc Reagents. <i>Journal of Organic Chemistry</i> , 2004, 69, 2461-2468.	3.2	42
14	Macrocycloadditions Leading to Conformationally Restricted Small Molecules. <i>Organic Letters</i> , 2006, 8, 2063-2066.	4.6	42
15	A Concise Asymmetric Synthesis of the Marine Hepatotoxin 7-Epicylindrospermopsin. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2930-2933.	13.8	37
16	Synthesis of the Reported Structures for Kealiinines B and C. <i>Organic Letters</i> , 2012, 14, 4734-4737.	4.6	37
17	Construction of the A-ring of cylindrospermopsin via an intramolecular oxazinone-N-oxide dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2001, 42, 769-771.	1.4	36
18	Chlorotrimethylsilane Activation of Acylcyanamides for the Synthesis of Mono-N-acylguanidines. <i>Journal of Organic Chemistry</i> , 2011, 76, 6967-6971.	3.2	30

#	ARTICLE	IF	CITATIONS
19	Access to the Pactamycin Core via an Epoxide Opening Cascade. <i>Organic Letters</i> , 2012, 14, 3632-3635.	4.6	29
20	Synthesis of Bicyclic Guanidines via Cascade Hydroamination/Michael Additions of Mono-N-acryloylpropargylguanidines. <i>Organic Letters</i> , 2014, 16, 6048-6051.	4.6	26
21	Growth substrate may influence biofilm susceptibility to antibiotics. <i>PLoS ONE</i> , 2019, 14, e0206774.	2.5	23
22	In vivo analysis of a first-in-class tri-alkyl norspermidine-biaryl antibiotic in an active release coating to reduce the risk of implant-related infection. <i>Acta Biomaterialia</i> , 2019, 93, 36-49.	8.3	23
23	Synthesis of 2-Thio- and 2-Oxoimidazoles via Cascade Addition~Cycloisomerization Reactions of Propargylcyanamides. <i>Journal of Organic Chemistry</i> , 2010, 75, 261-264.	3.2	22
24	In vitro testing of a first-in-class tri-alkylnorspermidine-biaryl antibiotic in an anti-biofilm silicone coating. <i>Acta Biomaterialia</i> , 2019, 93, 25-35.	8.3	22
25	Synthesis of Naamidine A and Selective Access to N ² -Acyl-2-aminoimidazole Analogues. <i>Journal of Organic Chemistry</i> , 2015, 80, 10076-10085.	3.2	20
26	Chemical Genetic Screen Reveals a Role for Desmosomal Adhesion in Mammary Branching Morphogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 2261-2270.	3.4	19
27	Cationic dirhodium carboxylate-catalyzed synthesis of dihydropyrimidones from propargyl ureas. <i>Tetrahedron</i> , 2013, 69, 5744-5750.	1.9	18
28	Dioxin Exposure Blocks Lactation through a Direct Effect on Mammary Epithelial Cells Mediated by the Aryl Hydrocarbon Receptor Repressor. <i>Toxicological Sciences</i> , 2015, 143, 36-45.	3.1	17
29	Development of a screen to identify selective small molecules active against patient-derived metastatic and chemoresistant breast cancer cells. <i>Breast Cancer Research</i> , 2013, 15, R58.	5.0	16
30	Batch-Fabricated \pm -Si Assisted Nanogap Tunneling Junctions. <i>Nanomaterials</i> , 2019, 9, 727.	4.1	15
31	A Direct C11 Alkylation Strategy on the Saxitoxin Core: A Synthesis of (+)-11-Saxitoxinethanoic Acid. <i>Organic Letters</i> , 2019, 21, 7999-8002.	4.6	13
32	A Cancer-Selective Zinc Ionophore Inspired by the Natural Product Naamidine A. <i>ACS Chemical Biology</i> , 2019, 14, 106-117.	3.4	13
33	Synthesis of Cytidine through a One-Pot Copper-Mediated Amidation Cascade. <i>Organic Letters</i> , 2011, 13, 5000-5003.	4.6	12
34	Bis-aryloxadiazoles as effective activators of the aryl hydrocarbon receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2473-2476.	2.2	10
35	Preparation of a 1,2-isoxazolidine synthon for the synthesis of zetekitoxin AB. <i>Tetrahedron Letters</i> , 2015, 56, 6332-6334.	1.4	10
36	In vivo efficacy of a unique first-in-class antibiofilm antibiotic for biofilm-related wound infections caused by <i>Acinetobacter baumannii</i> . <i>Biofilm</i> , 2020, 2, 100032.	3.8	10

#	ARTICLE	IF	CITATIONS
37	Regioselective Base-Mediated Cyclizations of Mono- <i>N</i> -acylpropargylguanidines. <i>Journal of Organic Chemistry</i> , 2017, 82, 6958-6967.	3.2	9
38	Why Is Tetradentate Coordination Essential for Potential Copper Homeostasis Regulators in Alzheimer's Disease?. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4712-4718.	2.0	9
39	A practical synthesis of <i>N</i> -alkyl- and <i>N,N</i> -dialkyl-polyamines. <i>Tetrahedron Letters</i> , 2016, 57, 2845-2848.	1.4	7
40	The TDMQ Regulators of Copper Homeostasis Do Not Disturb the Activities of Cu,Zn-SOD, Tyrosinase, or the CollI Cofactor Vitamin B12. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1384-1388.	2.0	7
41	Unifying the Aminohexopyranose and Peptidyl Nucleoside Antibiotics: Implications for Antibiotic Design. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11330-11333.	13.8	7
42	Small Molecular Weapons against Multi-Drug Resistance. <i>Accounts of Chemical Research</i> , 2021, 54, 2785-2787.	15.6	7
43	Dissecting the Nucleoside Antibiotics as Universal Translation Inhibitors. <i>Accounts of Chemical Research</i> , 2021, 54, 2798-2811.	15.6	5
44	Examination of a first-in-class bis-dialkyl norspermidine-terphenyl antibiotic in topical formulation against mono and polymicrobial biofilms. <i>PLoS ONE</i> , 2020, 15, e0234832.	2.5	5
45	Exploring hydroamination-cycloaddition-fragmentation sequences to access polycyclic guanidines and vinyl-2-aminoimidazoles. <i>Tetrahedron</i> , 2017, 73, 6067-6079.	1.9	4
46	Unifying the Aminohexopyranose and Peptidyl Nucleoside Antibiotics: Implications for Antibiotic Design. <i>Angewandte Chemie</i> , 2020, 132, 11426-11429.	2.0	1
47	Preparation of Mono-Cbz Protected Guanidines. <i>Organic Syntheses</i> , 2015, 92, 91-102.	1.0	1
48	Targeted Chemical Libraries. , 0, , 60-73.		0
49	Transformation by Mutant IDH and (R)-2HG Is Reversible.. <i>Blood</i> , 2012, 120, 2413-2413.	1.4	0