Jeffrey AubÃ©

List of Publications by Year
in descending order

247 papers	9,866 citations	31949 53 h-index	60583 81 g-index
316 all docs	316 docs citations	316 times ranked	9475 citing authors

#	Article	IF	Citations
1	In Vitro and In Vivo Inhibition of the Mycobacterium tuberculosis Phosphopantetheinyl Transferase PptT by Amidinoureas. Journal of Medicinal Chemistry, 2022, 65, 1996-2022.	2.9	10
2	Subsite Ligand Recognition and Cooperativity in the TPP Riboswitch: Implications for Fragment-Linking in RNA Ligand Discovery. ACS Chemical Biology, 2022, 17, 438-448.	1.6	18
3	Single-Cell Transcriptional Profiling Reveals Signatures of Helper, Effector, and Regulatory MAIT Cells during Homeostasis and Activation. Journal of Immunology, 2022, 208, 1042-1056.	0.4	26
4	Abstract P4-01-16: Overcome chemoresistance of triple-negative breast cancer by inhibiting the RNA-binding protein HuR. Cancer Research, 2022, 82, P4-01-16-P4-01-16.	0.4	1
5	Identification of Î²-Lactams Active against Mycobacterium tuberculosis by a Consortium of Pharmaceutical Companies and Academic Institutions. ACS Infectious Diseases, 2022, 8, 557-573.	1.8	13
6	Advances in Sulfonamide Kappa Opioid Receptor Antagonists: Structural Refinement and Evaluation of CNS Clearance. ACS Chemical Neuroscience, 2022, 13, 1315-1332.	1.7	1
7	SHAPE-enabled fragment-based ligand discovery for RNA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122660119.	3.3	21
8	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. Journal of Medicinal Chemistry, 2022, 65, 8303-8331.	2.9	4
9	Abstract 1780: Functional inhibition of RNA-binding protein HuR reverses chemotherapeutic resistance in triple-negative breast cancer. Cancer Research, 2022, 82, 1780-1780.	0.4	0
10	HFIP in Organic Synthesis. Chemical Reviews, 2022, 122, 12544-12747.	23.0	157
11	Development of pyrimidone D1 dopamine receptor positive allosteric modulators. Bioorganic and Medicinal Chemistry Letters, 2021, 31, 127696.	1.0	6
12	Structureâ€“activity relationship investigation of triazole-based kappa opioid receptor agonists. Medicinal Chemistry Research, 2021, 30, 1386-1396.	1.1	0
13	Effects of fluorine substitution on substrate conversion by cytochromes P450 17A1 and 21A2. Organic and Biomolecular Chemistry, 2021, 19, 7664-7669.	1.5	3
14	Visualizing an Allosteric Intermediate Using CuAAC Stabilization of an NMR Mixed Labeled Dimer. ACS Chemical Biology, 2021, 16, 2766-2775.	1.6	4
15	Enzymatic Synthesis of Diverse Heterocycles by a Noncanonical Nonribosomal Peptide Synthetase. ACS Chemical Biology, 2021, 16, 2776-2786.	1.6	7
16	Efficient 5-OP-RU-Induced Enrichment of Mucosa-Associated Invariant T Cells in the Murine Lung Does Not Enhance Control of Aerosol Mycobacterium tuberculosis Infection. Infection and Immunity, 2020, 89, .	1.0	25
17	An RNA-Binding Protein, Hu-antigen R, in Pancreatic Cancer Epithelial to Mesenchymal Transition, Metastasis, and Cancer Stem Cells. Molecular Cancer Therapeutics, 2020, 19, 2267-2277.	1.9	29
18	Discovery of sultam-containing small-molecule disruptors of the huntingtinâ€“calmodulin proteinâ€“protein interaction. Medicinal Chemistry Research, 2020, 29, 1187-1198.	1.1	2

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19	Discovery, Optimization, and Characterization of ML417: A Novel and Highly Selective D₃ Dopamine Receptor Agonist. Journal of Medicinal Chemistry, 2020, 63, 5526-5567.	2.9	15
20	Targeting the interaction between RNA-binding protein HuR and FOXQ1 suppresses breast cancer invasion and metastasis. Communications Biology, 2020, 3, 193.	2.0	58
21	Inhibition of RNA-binding protein HuR reduces glomerulosclerosis in experimental nephritis. Clinical Science, 2020, 134, 1433-1448.	1.8	11
22	Bactericidal Disruption of Magnesium Metallostasis in Mycobacterium tuberculosis Is Counteracted by Mutations in the Metal Ion Transporter CorA. MBio, 2019, 10, .	1.8	10
23	MAIT cells are imprinted by the microbiota in early life and promote tissue repair. Science, 2019, 366, .	6.0	342
24	Revisiting the Î²-Lactams for Tuberculosis Therapy with a Compound-Compound Synthetic Lethality Approach. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	4
25	Can they imagine the future? A qualitative study exploring the skills employers seek in pharmaceutical sciences doctoral graduates. PLoS ONE, 2019, 14, e0222422.	1.1	16
26	The Ex Vivo Treatment of Donor T Cells with Cosalane, an HIV Therapeutic and Small-Molecule Antagonist of CC-Chemokine Receptor 7, Separates Acute Graft-versus-Host Disease from Graft-versus-Leukemia Responses in Murine Hematopoietic Stem Cell Transplantation Models. Biology of Blood and Marrow Transplantation, 2019, 25, 1062-1074.	2.0	2
27	Opposing reactions in coenzyme A metabolism sensitize Mycobacterium tuberculosis to enzyme inhibition. Science, 2019, 363, .	6.0	53
28	Dual-Pharmacophore Pyrithione-Containing Cephalosporins Kill Both Replicating and Nonreplicating Mycobacterium tuberculosis. ACS Infectious Diseases, 2019, 5, 1433-1445.	1.8	11
29	The HuR CMLD-2 inhibitor exhibits antitumor effects via MAD2 downregulation in thyroid cancer cells. Scientific Reports, 2019, 9, 7374.	1.6	34
30	Effect of C-2 substitution on the stability of non-traditional cephalosporins in mouse plasma. Journal of Antibiotics, 2019, 72, 469-475.	1.0	0
31	Synthesis of the Nonribosomal Peptide Phevalin and Analogs. Journal of Organic Chemistry, 2019, 84, 3647-3651.	1.7	6
32	Preclinical Testing of Nalfurafine as an Opioid-sparing Adjuvant that Potentiates Analgesia by the Mu Opioid Receptor-targeting Agonist Morphine. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 487-499.	1.3	35
33	Target Deconvolution of a Multikinase Inhibitor with Antimetastatic Properties Identifies TAOK3 as a Key Contributor to a Cancer Stem Cellâ€“Like Phenotype. Molecular Cancer Therapeutics, 2019, 18, 2097-2110.	1.9	16
34	HuR Reduces Radiation-Induced DNA Damage by Enhancing Expression of ARID1A. Cancers, 2019, 11, 2014.	1.7	23
35	Human antigen R as a therapeutic target in pathological cardiac hypertrophy. JCI Insight, 2019, 4, .	2.3	38
36	Tumor suppressor TET2 promotes cancer immunity and immunotherapy efficacy. Journal of Clinical Investigation, 2019, 129, 4316-4331.	3.9	143

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37	Expression of different adenylyl cyclase isoforms impacts ligand bias downstream of the kappa opioid receptor. FASEB Journal, 2019, 33, 503.11.	0.2	0
38	Mutant Huntingtinâ€Calmodulin Interaction: Potential Therapeutic Target for Huntington's Disease. FASEB Journal, 2019, 33, 501.16.	0.2	0
39	Reagent-controlled regiodivergent ring expansions of steroids. Nature Communications, 2018, 9, 934.	5.8	38
40	Hexafluoroisopropanol and Acetyl Chloride Promoted Catalytic Hydroarylation with Phenols. European Journal of Organic Chemistry, 2018, 2018, 306-315.	1.2	11
41	An Interrupted Schmidt Reaction: Câ€“C Bond Formation Arising from Nitrilium Ion Capture. Organic Letters, 2018, 20, 6354-6358.	2.4	12
42	Metarrestin, a perinucleolar compartment inhibitor, effectively suppresses metastasis. Science Translational Medicine, 2018, 10, .	5.8	55
43	Structure-Based Design of Inhibitors with Improved Selectivity for Steroidogenic Cytochrome P450 17A1 over Cytochrome P450 21A2. Journal of Medicinal Chemistry, 2018, 61, 4946-4960.	2.9	24
44	G protein signalingâ€“biased agonism at the Î¼-opioid receptor is maintained in striatal neurons. Science Signaling, 2018, 11, .	1.6	33
45	Structure-Activity Investigation of a G Protein-Biased Agonist Reveals Molecular Determinants for Biased Signaling of the D2 Dopamine Receptor. Frontiers in Synaptic Neuroscience, 2018, 10, 2.	1.3	14
46	Application of the DP4 Probability Method to Flexible Cyclic Peptides with Multiple Independent Stereocenters: The True Structure of Cyclocinamide A. Organic Letters, 2018, 20, 4314-4317.	2.4	20
47	Natural product derivative Gossypolone inhibits Musashi family of RNA-binding proteins. BMC Cancer, 2018, 18, 809.	1.1	35
48	Mucosal-associated invariant and Î³Î´ T cell subsets respond to initial Mycobacterium tuberculosis infection. JCI Insight, 2018, 3, .	2.3	59
49	Synthesis, stabilization, and characterization of the MR1 ligand precursor 5-amino-6-D-ribitylaminouracil (5-A-RU). PLoS ONE, 2018, 13, e0191837.	1.1	31
50	Development of an Aryloxazole Class of Hepatitis C Virus Inhibitors Targeting the Entry Stage of the Viral Replication Cycle. Journal of Medicinal Chemistry, 2017, 60, 6364-6383.	2.9	12
51	Structural and Functional Evaluation of Clinically Relevant Inhibitors of Steroidogenic Cytochrome P450 17A1. Drug Metabolism and Disposition, 2017, 45, 635-645.	1.7	34
52	HuR-targeted small molecule inhibitor exhibits cytotoxicity towards human lung cancer cells. Scientific Reports, 2017, 7, 9694.	1.6	67
53	Optimization and Evaluation of Antiparasitic Benzamidobenzoic Acids as Inhibitors of Kinetoplastid Hexokinaseâ€…1. ChemMedChem, 2017, 12, 1994-2005.	1.6	14
54	Seeking (and Finding) Biased Ligands of the Kappa Opioid Receptor. ACS Medicinal Chemistry Letters, 2017, 8, 694-700.	1.3	29

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55	Identification of novel small molecule Beclin 1 mimetics activating autophagy. Oncotarget, 2017, 8, 51355-51369.	0.8	12
56	Improved Schmidt Conversion of Aldehydes to Nitriles Using Azidotrimethylsilane in 1,1,1,3,3,3-Hexafluoro-2-propanol. Molecules, 2016, 21, 45.	1.7	9
57	A Novel Mucosal-Associated (Semi)-Invariant T-Cell (MAIT) Activation Assay With Synthetic MR1 Ligand. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
58	Biased agonists of the kappa opioid receptor suppress pain and itch without causing sedation or dysphoria. Science Signaling, 2016, 9, ra117.	1.6	170
59	One-pot, regiospecific assembly of (E)-benzamidines from Î´- and Î³-amino acids via an intramolecular aminoquinazolinone rearrangement. Organic and Biomolecular Chemistry, 2016, 14, 3950-3955.	1.5	9
60	Synthesis of cyclic 1,3-diols as scaffolds for spatially directed libraries. Organic and Biomolecular Chemistry, 2016, 14, 4299-4303.	1.5	7
61	Novel Cephalosporins Selectively Active on Nonreplicating Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 6027-6044.	2.9	45
62	Synthesis of Kappa Opioid Antagonists Based On Pyrrolo[1,2-Î±]quinoxalinones Using an N-Arylation/Condensation/Oxidation Reaction Sequence. Journal of Organic Chemistry, 2016, 81, 10538-10550.	1.7	7
63	Activation of HuR downstream of p38 MAPK promotes cardiomyocyte hypertrophy. Cellular Signalling, 2016, 28, 1735-1741.	1.7	38
64	Hexafluoro-2-propanol-Promoted Intermolecular Friedelâ€“Crafts Acylation Reaction. Organic Letters, 2016, 18, 3534-3537.	2.4	105
65	Decahydrobenzoquinolin-5-one sigma receptor ligands: Divergent development of both sigma 1 and sigma 2 receptor selective examples. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5689-5694.	1.0	5
66	Remodeling and Enhancing Schmidt Reaction Pathways in Hexafluoroisopropanol. Journal of Organic Chemistry, 2016, 81, 1593-1609.	1.7	61
67	Efficient access to sp3-rich tricyclic amine scaffolds through Dielsâ€“Alder reactions of azide-containing silyloxydienes. Tetrahedron, 2016, 72, 3766-3774.	1.0	11
68	DARC: Mapping Surface Topography by Ray-Casting for Effective Virtual Screening at Protein Interaction Sites. Journal of Medicinal Chemistry, 2016, 59, 4152-4170.	2.9	20
69	Practical Electrochemical Anodic Oxidation of Polycyclic Lactams for Late Stage Functionalization. Angewandte Chemie - International Edition, 2015, 54, 10555-10558.	7.2	74
70	A Pan-GTPase Inhibitor as a Molecular Probe. PLoS ONE, 2015, 10, e0134317.	1.1	30
71	An efficient computational model to predict protonation at the amide nitrogen and reactivity along the Câ€“N rotational pathway. Chemical Communications, 2015, 51, 6395-6398.	2.2	79
72	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. Cell, 2015, 161, 1252-1265.	13.5	135

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73	Potency enhancement of the Î¹-opioid receptor antagonist probe ML140 through sulfonamide constraint utilizing a tetrahydroisoquinoline motif. Bioorganic and Medicinal Chemistry, 2015, 23, 3948-3956.	1.4	7
74	Identification and Validation of Novel Small Molecule Disruptors of HuR-mRNA Interaction. ACS Chemical Biology, 2015, 10, 1476-1484.	1.6	120
75	Determination of Structures and Energetics of Small- and Medium-Sized One-Carbon-Bridged Twisted Amides using ab Initio Molecular Orbital Methods: Implications for Amidic Resonance along the Câ€“N Rotational Pathway. Journal of Organic Chemistry, 2015, 80, 7905-7927.	1.7	59
76	Characterization of kappa opioid receptor mediated, dynorphin-stimulated [35S]GTPÎ³S binding in mouse striatum for the evaluation of selective KOR ligands in an endogenous setting. Neuropharmacology, 2015, 99, 131-141.	2.0	24
77	Domino Acylation/Dielsâ€“Alder Synthesis of N-Alkyl-octahydroisoquinolin-1-one-8-carboxylic Acids under Low-Solvent Conditions. Journal of Organic Chemistry, 2015, 80, 5260-5271.	1.7	8
78	Temperature dependence of turnover in a Sc(OTf) 3 -catalyzed intramolecular Schmidt reaction. Tetrahedron Letters, 2015, 56, 3137-3140.	0.7	7
79	Structureâ€“Activity Relationship Studies of Functionally Selective Kappa Opioid Receptor Agonists that Modulate ERK 1/2 Phosphorylation While Preserving G Protein Over Î²Arrestin2 Signaling Bias. ACS Chemical Neuroscience, 2015, 6, 1411-1419.	1.7	48
80	Natural product (â^')â€gossypol inhibits colon cancer cell growth by targeting RNAâ€binding protein Musashiâ€1. Molecular Oncology, 2015, 9, 1406-1420.	2.1	116
81	Intramolecular Friedelâ€“Crafts Acylation Reaction Promoted by 1,1,1,3,3,3-Hexafluoro-2-propanol. Organic Letters, 2015, 17, 5484-5487.	2.4	127
82	Investigation of the role of Î²arrestin2 in kappa opioid receptor modulation in a mouse model of pruritus. Neuropharmacology, 2015, 99, 600-609.	2.0	38
83	Discovery of Sulfonamidebenzamides as Selective Apoptotic CHOP Pathway Activators of the Unfolded Protein Response. ACS Medicinal Chemistry Letters, 2014, 5, 1278-1283.	1.3	19
84	Characterization of a Cdc42 protein inhibitor and its use as a molecular probe.. Journal of Biological Chemistry, 2014, 289, 6837.	1.6	0
85	Probing chemical space with alkaloid-inspired libraries. Nature Chemistry, 2014, 6, 133-140.	6.6	87
86	A Concomitant Allylic Azide Rearrangement/Intramolecular Azideâ€“Alkyne Cycloaddition Sequence. Organic Letters, 2014, 16, 1844-1847.	2.4	45
87	Stereodivergent Synthesis of Enantioenriched 4-Hydroxy-2-cyclopentenones. Journal of Organic Chemistry, 2014, 79, 452-458.	1.7	24
88	Aryl nitrenium ions from N-alkyl-N-arylamino-diazonium precursors: synthesis and reactivity. Chemical Science, 2014, 5, 699-706.	3.7	7
89	3-Substituted biquinolinium inhibitors of AraC family transcriptional activator VirF from S. flexneri obtained through in situ chemical ionization of 3,4-disubstituted dihydroquinolines. RSC Advances, 2014, 4, 39809.	1.7	2
90	Optimization of Potent and Selective Quinazolinediones: Inhibitors of Respiratory Syncytial Virus That Block RNA-Dependent RNA-Polymerase Complex Activity. Journal of Medicinal Chemistry, 2014, 57, 10314-10328.	2.9	23

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91	Potent and selective inhibitors of the TASK-1 potassium channel through chemical optimization of a bis-amide scaffold. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3968-3973.	1.0	40
92	Development of (E)-2-((1,4-Dimethylpiperazin-2-ylidene)amino)-5-nitro-N-phenylbenzamide, ML336: Novel 2-Amidinophenylbenzamides as Potent Inhibitors of Venezuelan Equine Encephalitis Virus. Journal of Medicinal Chemistry, 2014, 57, 8608-8621.	2.9	42
93	Benzylmorpholine Analogs as Selective Inhibitors of Lung Cytochrome P450 2A13 for the Chemoprevention of Lung Cancer in Tobacco Users. Pharmaceutical Research, 2013, 30, 2290-2302.	1.7	12
94	Chemotype-selective Modes of Action of Î¼-Opioid Receptor Agonists. Journal of Biological Chemistry, 2013, 288, 34470-34483.	1.6	55
95	Development of Functionally Selective, Small Molecule Agonists at Kappa Opioid Receptors. Journal of Biological Chemistry, 2013, 288, 36703-36716.	1.6	123
96	Synthesis and Cytotoxicity of Semisynthetic Withalongolide A Analogues. ACS Medicinal Chemistry Letters, 2013, 4, 1069-1073.	1.3	19
97	Chemistry of Bridged Lactams and Related Heterocycles. Chemical Reviews, 2013, 113, 5701-5765.	23.0	223
98	Small-molecule pyrimidine inhibitors of the cdc2-like (Clk) and dual specificity tyrosine phosphorylation-regulated (Dyrk) kinases: Development of chemical probe ML315. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3654-3661.	1.0	43
99	Overcoming Product Inhibition in Catalysis of the Intramolecular Schmidt Reaction. Journal of the American Chemical Society, 2013, 135, 9000-9009.	6.6	87
100	Characterization of a Cdc42 Protein Inhibitor and Its Use as a Molecular Probe. Journal of Biological Chemistry, 2013, 288, 8531-8543.	1.6	134
101	A Selective ATP-Binding Cassette Subfamily G Member 2 Efflux Inhibitor Revealed via High-Throughput Flow Cytometry. Journal of Biomolecular Screening, 2013, 18, 26-38.	2.6	20
102	Synthetic probes for the study of biological function. Beilstein Journal of Organic Chemistry, 2013, 9, 79-80.	1.3	0
103	Development of functionally selective agonists at the kappa opioid receptor (KOR). FASEB Journal, 2013, 27, lb551.	0.2	0
104	High-Throughput Screening Identifies a Bisphenol Inhibitor of SV40 Large T Antigen ATPase Activity. Journal of Biomolecular Screening, 2012, 17, 194-203.	2.6	12
105	Oxidations. , 2012, , 491-544.		0
106	Minor Withanolides of <i>Physalis longifolia</i>: Structure and Cytotoxicity. Chemical and Pharmaceutical Bulletin, 2012, 60, 1234-1239.	0.6	19
107	Drug Repurposing and the Medicinal Chemist. ACS Medicinal Chemistry Letters, 2012, 3, 442-444.	1.3	73
108	Identification of a Small Molecule Yeast TORC1 Inhibitor with a Multiplex Screen Based on Flow Cytometry. ACS Chemical Biology, 2012, 7, 715-722.	1.6	22

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109	Optimization of Potent Hepatitis C Virus NS3 Helicase Inhibitors Isolated from the Yellow Dyes Thioflavine S and Primuline. Journal of Medicinal Chemistry, 2012, 55, 3319-3330.	2.9	62
110	(S)-N-(2,5-Dimethylphenyl)-1-(quinoline-8-ylsulfonyl)pyrrolidine-2-carboxamide as a Small Molecule Inhibitor Probe for the Study of Respiratory Syncytial Virus Infection. Journal of Medicinal Chemistry, 2012, 55, 8582-8587.	2.9	14
111	Naturally inspired oligomers. Nature Chemistry, 2012, 4, 71-72.	6.6	5
112	Parallel solid-phase synthesis of diaryltriazoles. Beilstein Journal of Organic Chemistry, 2012, 8, 1027-1036.	1.3	12
113	Discovery of Small Molecule Kappa Opioid Receptor Agonist and Antagonist Chemotypes through a HTS and Hit Refinement Strategy. ACS Chemical Neuroscience, 2012, 3, 221-236.	1.7	42
114	A Competitive Nucleotide Binding Inhibitor: In Vitro Characterization of Rab7 GTPase Inhibition. ACS Chemical Biology, 2012, 7, 1095-1108.	1.6	76
115	Practical Aspects of Asymmetric Synthesis. , 2012, , 63-95.		4
116	Reductions and Hydroborations. , 2012, , 431-490.		0
117	Stereocontrol in a Combined Allylic Azide Rearrangement and Intramolecular Schmidt Reaction. Journal of the American Chemical Society, 2012, 134, 6528-6531.	6.6	67
118	Mechanism of the Acid-Promoted Intramolecular Schmidt Reaction: Theoretical Assessment of the Importance of Lone Pairâ€“Cation, Cationâ^'Ï€, and Steric Effects in Controlling Regioselectivity. Journal of Organic Chemistry, 2012, 77, 640-647.	1.7	41
119	Automated three-component synthesis of a library of Î³-lactams. Beilstein Journal of Organic Chemistry, 2012, 8, 1804-1813.	1.3	18
120	Cycloadditions and Rearrangements. , 2012, , 335-429.		1
121	Copper-Catalyzed Oxaziridine-Mediated Oxidation of Câ€“H Bonds. Journal of Organic Chemistry, 2012, 77, 7005-7022.	1.7	25
122	A New Twist on Amide Solvolysis. Angewandte Chemie - International Edition, 2012, 51, 3063-3065.	7.2	63
123	Stereoselectivity in Nucleophilic Additions to 3-Azidoalkanals. Journal of Organic Chemistry, 2011, 76, 3160-3165.	1.7	10
124	Synthesis and Reactivity of Bicyclo[3.2.1]octanoid-Derived Cyclopropanes. Journal of Organic Chemistry, 2011, 76, 9792-9800.	1.7	19
125	Use of a Tandem Prins/Friedelâ€“Crafts Reaction in the Construction of the Indeno-Tetrahydropyridine Core of the Haouamine Alkaloids: Formal Synthesis of (â^')-Haouamine A. Organic Letters, 2011, 13, 2614-2617.	2.4	59
126	Resolution of Carboxylic Acids Using Copper(I)-Promoted Removal of Propargylic Esters under Neutral Conditions. Journal of Organic Chemistry, 2011, 76, 4168-4172.	1.7	13

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127	Medium-bridged lactams: a new class of non-planar amides. Organic and Biomolecular Chemistry, 2011, 9, 27-35.	1.5	76
128	Modular Synthesis of Triazoleâ€Containing Triaryl Î±â€Helix Mimetics. European Journal of Organic Chemistry, 2011, 2011, 2474-2490.	1.2	26
129	1,3â€Allylic Strain as a Strategic Diversification Element for Constructing Libraries of Substituted 2â€Arylpiperidines. Angewandte Chemie - International Edition, 2011, 50, 2734-2737.	7.2	32
130	In Situ Generation and Intramolecular Schmidt Reaction of Keto Azides in a Microwaveâ€Assisted Flow Format. Chemistry - A European Journal, 2011, 17, 9595-9598.	1.7	29
131	Synthesis and receptor profiling ofStemonaalkaloid analogues reveal a potent class of sigma ligands. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6727-6732.	3.3	30
132	Synthesis of Medium-Bridged Twisted Lactams via Cationâ^'Ï€ Control of the Regiochemistry of the Intramolecular Schmidt Reaction. Journal of Organic Chemistry, 2010, 75, 1235-1243.	1.7	24
133	Structural Characterization of N-Protonated Amides: Regioselective N-Activation of Medium-Bridged Twisted Lactams. Journal of the American Chemical Society, 2010, 132, 8836-8837.	6.6	46
134	Proximity Effects in Nucleophilic Addition Reactions to Medium-Bridged Twisted Lactams: Remarkably Stable Tetrahedral Intermediates. Journal of the American Chemical Society, 2010, 132, 2078-2084.	6.6	42
135	Synthesis, Structural Analysis, and Reactivity of Bridged Orthoamides by Intramolecular Schmidt Reaction. Journal of the American Chemical Society, 2010, 132, 2530-2531.	6.6	21
136	Reaction Discovery Using Microfluidic-Based Multidimensional Screening of Polycyclic Iminium Ethers. Journal of Organic Chemistry, 2010, 75, 2028-2038.	1.7	33
137	N-Alkyl-octahydroisoquinolin-1-one-8-carboxamides: Selective and Nonbasic Îº-Opioid Receptor Ligands. ACS Medicinal Chemistry Letters, 2010, 1, 189-193.	1.3	22
138	A Tandem Prins/Schmidt Reaction Approach to Marine Alkaloids: Formal and Total Syntheses of Lepadiformines A and C. Organic Letters, 2010, 12, 1244-1247.	2.4	67
139	Coreyâ^'Chaykovsky Epoxidation of Twisted Amides: Synthesis and Reactivity of Bridged Spiro-epoxyamines. Journal of the American Chemical Society, 2009, 131, 13246-13247.	6.6	35
140	Direct Synthesis of Medium-Bridged Twisted Amides via a Transannular Cyclization Strategy. Organic Letters, 2009, 11, 3878-3881.	2.4	27
141	Stability of Medium-Bridged Twisted Amides in Aqueous Solutions. Journal of Organic Chemistry, 2009, 74, 1869-1875.	1.7	40
142	Asymmetric Total Synthesis of Alkaloids 223A and 6-epi-223A. Organic Letters, 2009, 11, 4140-4142.	2.4	29
143	Cationâ^'n Control of Regiochemistry of Intramolecular Schmidt Reactions en Route to Bridged Bicyclic Lactams. Organic Letters, 2009, 11, 4386-4389.	2.4	24
144	One-Pot Synthesis of Lactams Using Domino Reactions: Combination of Schmidt Reaction with Sakurai and Aldol Reactions. Journal of Organic Chemistry, 2009, 74, 7618-7626.	1.7	18

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145	Synthesis and rearrangement of a bridged thioamide. Chemical Communications, 2009, , 7122.	2.2	34
146	Highly Stereoselective Ring Expansion Reactions Mediated by Attractive Cationâ€“n Interactions. Angewandte Chemie - International Edition, 2008, 47, 6233-6235.	7.2	55
147	Synthesis and structural study of cyclic 5-aminovaleric acid-linked Î²-Alaâ€“Î²-Ala dipeptides. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5975-5977.	1.0	2
148	Efficient Synthesis of Î³-Lactams by a Tandem Reductive Amination/Lactamization Sequence. ACS Combinatorial Science, 2008, 10, 456-459.	3.3	35
149	Synthesis of enantiomerically enriched (R)-5-tert-butylazepan-2-one using a hydroxyalkyl azide mediated ring-expansion reaction. Nature Protocols, 2008, 3, 137-143.	5.5	4
150	Three-Component Synthesis of 1,4-Diazepin-5-ones and the Construction of Î³-Turn-like Peptidomimetic Libraries. ACS Combinatorial Science, 2008, 10, 230-234.	3.3	24
151	Syntheses of the Stemona Alkaloids (Â±)-Stenine, (Â±)-Neostenine, and (Â±)-13-Epineostenine Using a Stereodivergent Dielsâ€“Alder/Azido-Schmidt Reaction. Journal of the American Chemical Society, 2008, 130, 6018-6024.	6.6	103
152	Chapter 12 The total synthesis of amphibian alkaloids using the intramolecular schmidt reaction. Strategies and Tactics in Organic Synthesis, 2008, 7, 408-459.	0.1	0
153	Nucleophilic Addition to Iminium Ethers in the Preparation of Functionalized N-Alkyl Heterocycles. Journal of Organic Chemistry, 2008, 73, 201-205.	1.7	26
154	Nonbonded, Attractive Cationâˆ’Ï€ Interactions in Azide-Mediated Asymmetric Ring Expansion Reactions. Journal of Organic Chemistry, 2008, 73, 3318-3327.	1.7	29
155	Explorations of Stemona Alkaloid-Inspired Analogues: Skeletal Modification and Functional Group Diversification. ACS Combinatorial Science, 2008, 10, 721-725.	3.3	20
156	Double Conjugate Addition of a Nitropropionate Ester to a Quinone Monoketal:â€‰ Synthesis of an Advanced Intermediate to (Â±)-Gelsemine. Organic Letters, 2007, 9, 3153-3156.	2.4	40
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