

Jonathan A Ellman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

357
papers

33,708
citations

95
h-index

173
g-index

378
ext. papers

36,018
ext. citations

10
avg, IF

7.72
L-index

#	Paper	IF	Citations
357	Synthesis and Properties of Aza-Ovalene with Six Zigzag Edges. <i>Organic Letters</i> , 2021 , 23, 8640-8644	6.2	2
356	Visualizing designer quantum states in stable macrocycle quantum corrals. <i>Nature Communications</i> , 2021 , 12, 5895	17.4	1
355	General Light-Mediated, Highly Diastereoselective Piperidine Epimerization: From Most Accessible to Most Stable Stereoisomer. <i>Journal of the American Chemical Society</i> , 2021 , 143, 126-131	16.4	5
354	Rhodium-Catalyzed C-H Alkenylation/Electrocyclization Cascade Provides Dihydropyridines That Serve as Versatile Intermediates to Diverse Nitrogen Heterocycles. <i>Accounts of Chemical Research</i> , 2021 , 54, 1766-1778	24.3	16
353	Three-Component 1,2-Carboamidation of Bridged Bicyclic Alkenes via Rh-Catalyzed Addition of C-H Bonds and Amidating Reagents. <i>Organic Letters</i> , 2021 , 23, 2836-2840	6.2	15
352	Synthesis of a Highly Fluorescent Bis(1,4-oxaborine)pentacene. <i>ChemPlusChem</i> , 2021 , 86, 836-839	2.8	2
351	A Tetraindeno-Fused Bis(anthraoxa)quinodimethane with Nine Consecutively Fused Six-Membered Rings. <i>Organic Letters</i> , 2021 , 23, 3027-3031	6.2	3
350	Pharmacological inhibition of PI3K/AKT disrupts cell energy metabolism and selectively kills p53-null tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
349	Cyclobis[2,5-(thiophenedimethane)-4,4'-(triphenylamine)] versus Its π -Dioxidized Macrocycle: Global Antiaromaticity and Intramolecular Dynamics. <i>Organic Letters</i> , 2021 , 23, 6382-6386	6.2	0
348	A Stable [4,3]Peri-acene Diradicaloid: Synthesis, Structure, and Electronic Properties. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4464-4469	16.4	10
347	Synthesis of Nitrile Bearing Acyclic Quaternary Centers through Co(III)-Catalyzed Sequential C-H Bond Addition to Dienes and N-Cyanosuccinimide. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2135-2139	16.4	12
346	Synthesis of Nitrile Bearing Acyclic Quaternary Centers through Co(III)-Catalyzed Sequential C-H Bond Addition to Dienes and N-Cyanosuccinimide. <i>Angewandte Chemie</i> , 2021 , 133, 2163-2167	3.6	0
345	Synthesis of a Sidewall Fragment of a (12,0) Carbon Nanotube. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2658-2662	16.4	45
344	Synthesis of a Sidewall Fragment of a (12,0) Carbon Nanotube. <i>Angewandte Chemie</i> , 2021 , 133, 2690-2694	16.4	18
343	Synthesis of a Tetraepoxy Nanobelt and Its Reductive Aromatization Attempts. <i>Organic Materials</i> , 2020 , 02, 330-335	1.9	1
342	Rh(III)-Catalyzed Imidoyl C-H Carbamylation and Cyclization to Bicyclic [1,3,5]Triazinones. <i>Organic Letters</i> , 2020 , 22, 8993-8997	6.2	2
341	S-shaped para-Quinodimethane-Embedded Double [6]Helicene and Its Charged Species Showing Open-Shell Diradical Character. <i>Chemistry - A European Journal</i> , 2020 , 26, 15613-15622	4.8	6

340	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20956-20964	16.4	10
339	Formation of Azulene-Embedded Nanographene: Naphthalene to Azulene Rearrangement During the Scholl Reaction. <i>Angewandte Chemie</i> , 2020 , 132, 9111-9116	3.6	17
338	Formation of Azulene-Embedded Nanographene: Naphthalene to Azulene Rearrangement During the Scholl Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9026-9031	16.4	37
337	Cobalt(III)-Catalyzed C β Amidation of Dehydroalanine for the Site-Selective Structural Diversification of Thiostrepton. <i>Angewandte Chemie</i> , 2020 , 132, 900-905	3.6	5
336	Annulation of Hydrazones and Alkynes via Rhodium(III)-Catalyzed Dual C-H Activation: Synthesis of Pyrrolopyridazines and Azolopyridazines. <i>Organic Letters</i> , 2020 , 22, 1217-1221	6.2	8
335	Highly Diastereoselective Functionalization of Piperidines by Photoredox-Catalyzed α -Amino C-H Arylation and Epimerization. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8194-8202	16.4	32
334	Cobalt(III)-Catalyzed Diastereoselective Three-Component C-H Bond Addition to Butadiene and Activated Ketones. <i>Synthesis</i> , 2020 , 52, 1239-1246	2.9	7
333	Cobalt(III)-Catalyzed C-H Amidation of Dehydroalanine for the Site-Selective Structural Diversification of Thiostrepton. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 890-895	16.4	27
332	An allosteric site on MKP5 reveals a strategy for small-molecule inhibition. <i>Science Signaling</i> , 2020 , 13,	8.8	5
331	Asymmetric synthesis of (-)-naltrexone. <i>Chemical Science</i> , 2019 , 10, 535-541	9.4	10
330	Cyclobis(7,8-(para-quinodimethane)-4,4'-triphenylamine) and Its Cationic Species Showing Annulene-Like Global (Anti)Aromaticity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11742-11746	16.4	10
329	Cyclobis(7,8-(para-quinodimethane)-4,4'-triphenylamine) and Its Cationic Species Showing Annulene-Like Global (Anti)Aromaticity. <i>Angewandte Chemie</i> , 2019 , 131, 11868-11872	3.6	4
328	Sulfur-Containing, Quinodimethane-Embedded Acene Analogue with Nine Consecutively Fused Six-Membered Rings. <i>Organic Letters</i> , 2019 , 21, 3127-3130	6.2	11
327	Three-Component Coupling of Aldehydes, 2-Aminopyridines, and Diazo Esters via Rhodium(III)-Catalyzed Imido C-H Activation: Synthesis of Pyrido[1,2- a]pyrimidin-4-ones. <i>Organic Letters</i> , 2019 , 21, 3886-3890	6.2	14
326	β -Branched amines by catalytic 1,1-addition of C-H bonds and aminating agents to terminal alkenes. <i>Nature Catalysis</i> , 2019 , 2, 756-762	36.5	62
325	Synthesis of Homoallylic Alcohols with Acyclic Quaternary Centers through CoIII-Catalyzed Three-Component C β Bond Addition to Internally Substituted Dienes and Carbonyls. <i>Angewandte Chemie</i> , 2019 , 131, 12720-12724	3.6	3
324	Synthesis of Homoallylic Alcohols with Acyclic Quaternary Centers through Co -Catalyzed Three-Component C-H Bond Addition to Internally Substituted Dienes and Carbonyls. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12590-12594	16.4	26
323	The Breadth and Depth of C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12701-12704	4.2	16

322	Facial Selectivities in Hydride Reductions of Hindered Endocyclic Iminium Ions. <i>Journal of Organic Chemistry</i> , 2019 , 84, 273-281	4.2	2
321	Extended Bis(anthroxa)quinodimethanes with Nine and Ten Consecutively Fused Six-Membered Rings: Neutral Diradicaloids and Charged Diradical Dianions/Dications. <i>Journal of the American Chemical Society</i> , 2019 , 141, 62-66	16.4	40
320	Modification of acenes for n-channel OFET materials. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3551-3563	3.1	73
319	Formation of Aminocyclopentadienes from Silyldihydropyridines: Ring Contractions Driven by Anion Stabilization. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6605-6609	16.4	1
318	Formation of Aminocyclopentadienes from Silyldihydropyridines: Ring Contractions Driven by Anion Stabilization. <i>Angewandte Chemie</i> , 2018 , 130, 6715-6719	3.6	
317	Rhodium(III)-catalyzed C-H functionalization of C-alkenyl azoles with sulfoxonium ylides for the synthesis of bridgehead -fused [5,6]-bicyclic heterocycles. <i>Tetrahedron</i> , 2018 , 74, 3318-3324	2.4	31
316	Rhodium(III)-Catalyzed Imido C-H Activation for Annulations to Azolopyrimidines. <i>Organic Letters</i> , 2018 , 20, 2464-2467	6.2	74
315	Selective and synergistic cobalt(III)-catalyzed three-component C-H bond addition to dienes and aldehydes. <i>Nature Catalysis</i> , 2018 , 1, 673-679	36.5	56
314	Anthracene-Fused Dibenzo[def,mno]chrysenes with a Helical Structure. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1864-1871	3	1
313	Rh(III)-Catalyzed Synthesis of Isoquinolones and 2-Pyridones via Annulation of α -Methoxyamides and Nitroalkenes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4381-4388	3.2	13
312	Three-Component Coupling of Aldehydes, Aminopyrazoles, and Sulfoxonium Ylides via Rhodium(III)-Catalyzed Imido C-H Activation: Synthesis of Pyrazolo[1,5- <i>a</i>]pyrimidines. <i>Journal of Organic Chemistry</i> , 2018 , 83, 15347-15360	4.2	41
311	Synthesis and Biological Evaluation of an Indazole-Based Selective Protein Arginine Deiminase 4 (PAD4) Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 1013-1018	4.3	12
310	Diazuleno-s-indacene Diradicaloids: Syntheses, Properties, and Local (anti)Aromaticity Shift from Neutral to Dicationic State. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16737-16741	16.4	38
309	Formation of a Macrocycles-in-a-Macrocycle Superstructure with All-gauche Conformation by Reversible Radical Association. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9023-9027	16.4	25
308	Formation of a Macrocycles-in-a-Macrocycle Superstructure with All-gauche Conformation by Reversible Radical Association. <i>Angewandte Chemie</i> , 2018 , 130, 9161-9165	3.6	10
307	Curved π -conjugated corannulene dimer diradicaloids. <i>Chemical Science</i> , 2018 , 9, 5100-5105	9.4	17
306	Synthesis of Azolo[1,3,5]triazines via Rhodium(III)-Catalyzed Annulation of N-Azolo Imines and Dioxazolones. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9522-9529	4.2	25
305	Base-Controlled Completely Selective Linear or Branched Rhodium(I)-Catalyzed C-H ortho-Alkylation of Azines without Preactivation. <i>Angewandte Chemie</i> , 2017 , 129, 5993-5997	3.6	14

304	Base-Controlled Completely Selective Linear or Branched Rhodium(I)-Catalyzed C-H ortho-Alkylation of Azines without Preactivation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5899-5903	16.4	39
303	Non-classical S-Heteroacenes with o-Quinoidal Conjugation and Open-Shell Diradical Character. <i>Chemistry - A European Journal</i> , 2017 , 23, 8525-8531	4.8	14
302	Rh(III)-Catalyzed Aryl and Alkenyl C-H Bond Addition to Diverse Nitroalkenes. <i>ACS Catalysis</i> , 2017 , 7, 1501-1508	16.4	90
301	Cyclopenta Ring Fused Bisanthene and Its Charged Species with Open-Shell Singlet Diradical Character and Global Aromaticity/ Anti-Aromaticity. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11415-11419	16.4	44
300	Total Synthesis of (+)-Pancratistatin by the Rh(III)-Catalyzed Addition of a Densely Functionalized Benzamide to a Sugar-Derived Nitroalkene. <i>Organic Letters</i> , 2017 , 19, 2985-2988	6.2	17
299	Synthesis of [5,6]-Bicyclic Heterocycles with a Ring-Junction Nitrogen Atom: Rhodium(III)-Catalyzed C-H Functionalization of Alkenyl Azoles. <i>Angewandte Chemie</i> , 2017 , 129, 9311-9315	3.6	16
298	Transition-Metal-Catalyzed C-H Bond Addition to Carbonyls, Imines, and Related Polarized Bonds. <i>Chemical Reviews</i> , 2017 , 117, 9163-9227	68.1	469
297	C2-Selective Branched Alkylation of Benzimidazoles by Rhodium(I)-Catalyzed C-H Activation. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9243-9252	4.2	17
296	Synthesis of [5,6]-Bicyclic Heterocycles with a Ring-Junction Nitrogen Atom: Rhodium(III)-Catalyzed C-H Functionalization of Alkenyl Azoles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9183-9187	16.4	49
295	Glutathione-Responsive Selenosulfide Prodrugs as a Platform Strategy for Potent and Selective Mechanism-Based Inhibition of Protein Tyrosine Phosphatases. <i>ACS Central Science</i> , 2017 , 3, 1322-1328	16.8	15
294	X-ray Characterization and Structure-Based Optimization of Striatal-Enriched Protein Tyrosine Phosphatase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 9299-9319	8.3	12
293	Heterocyclic Quinodimethanes. <i>Topics in Current Chemistry</i> , 2017 , 375, 68	7.2	16
292	A Convergent Synthesis of Functionalized Alkenyl Halides through Cobalt(III)-Catalyzed Three-Component C-H Bond Addition. <i>Angewandte Chemie</i> , 2017 , 129, 10108-10112	3.6	22
291	A Convergent Synthesis of Functionalized Alkenyl Halides through Cobalt(III)-Catalyzed Three-Component C-H Bond Addition. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9976-9980	16.4	55
290	Cyclopenta Ring Fused Bisanthene and Its Charged Species with Open-Shell Singlet Diradical Character and Global Aromaticity/ Anti-Aromaticity. <i>Angewandte Chemie</i> , 2017 , 129, 11573-11577	3.6	20
289	Convergent Synthesis of α -Branched Amines by Transition-Metal-Catalyzed C-H Bond Additions to Imines. <i>Israel Journal of Chemistry</i> , 2017 , 57, 916-931	3.4	7
288	Diacenopentalene dicarboximides as new n-type organic semiconductors for field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8758-8764	7.1	23
287	New Regio- and Stereoselective Cascades via Unstabilized Azomethine Ylide Cycloadditions for the Synthesis of Highly Substituted Tropane and Indolizidine Frameworks. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12664-70	16.4	25

286	Rh(III)-Catalyzed C-H Bond Addition/Amine-Mediated Cyclization of Bis-Michael Acceptors. <i>Organic Letters</i> , 2016 , 18, 3838-41	6.2	22
285	Cellular Activity of New Small Molecule Protein Arginine Deiminase 3 (PAD3) Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 847-51	4.3	16
284	Extended Bis(benzothia)quinodimethanes and Their Dications: From Singlet Diradicaloids to Isoelectronic Structures of Long Acenes. <i>Angewandte Chemie</i> , 2016 , 128, 9462-9466	3.6	15
283	Benzo[4,5]cyclohepta[1,2]-fluorene: an isomeric motif for pentacene containing linearly fused five-, six- and seven-membered rings. <i>Chemical Science</i> , 2016 , 7, 6176-6181	9.4	33
282	Convergent Synthesis of Diverse Nitrogen Heterocycles via Rh(III)-Catalyzed C-H Conjugate Addition/Cyclization Reactions. <i>Organic Letters</i> , 2016 , 18, 3294-7	6.2	34
281	Inhibition of the tyrosine phosphatase STEP61 restores BDNF expression and reverses motor and cognitive deficits in phencyclidine-treated mice. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 1503-14	10.3	18
280	4-(Diethylphosphino)-N,N-dimethylaniline 2016 , 1-3		
279	Catalytic Enantioselective Addition of Pyrazol-5-ones to Trisubstituted Nitroalkenes with an N-Sulfinylurea Organocatalyst. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1713-1718	5.6	26
278	Z-Shaped Pentaleno-Acene Dimers with High Stability and Small Band Gap. <i>Angewandte Chemie</i> , 2016 , 128, 2743-2746	3.6	12
277	Striatal-enriched protein tyrosine phosphatase modulates nociception: evidence from genetic deletion and pharmacological inhibition. <i>Pain</i> , 2016 , 157, 377-386	8	13
276	Preparation of Enantiomerically Pure Perfluorobutanesulfinamide and Its Application to the Asymmetric Synthesis of α -Amino Acids. <i>Journal of Organic Chemistry</i> , 2016 , 81, 1547-57	4.2	28
275	Benzo-thia-fused π -thienoacenequinodimethanes with small to moderate diradical characters: the role of pro-aromaticity anti-aromaticity. <i>Chemical Science</i> , 2016 , 7, 3036-3046	9.4	31
274	Rh(III)-Catalyzed Diastereoselective C-H Bond Addition/Cyclization Cascade of Enone Tethered Aldehydes. <i>Chemical Science</i> , 2016 , 7, 1474-1479	9.4	75
273	Conjugate addition-enantioselective protonation reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1203-28	2.5	46
272	Different Strategies for the Stabilization of Acenes and Acene Analogues. <i>Chemical Record</i> , 2016 , 16, 1690-700	6.6	32
271	Highly Stereoselective Cobalt(III)-Catalyzed Three-Component C-H Bond Addition Cascade. <i>Angewandte Chemie</i> , 2016 , 128, 12840-12844	3.6	42
270	Z-Shaped Pentaleno-Acene Dimers with High Stability and Small Band Gap. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2693-6	16.4	46
269	Down-regulation of BDNF in cell and animal models increases striatal-enriched protein tyrosine phosphatase 61 (STEP61) levels. <i>Journal of Neurochemistry</i> , 2016 , 136, 285-94	6	10

268	Highly Stereoselective Cobalt(III)-Catalyzed Three-Component C-H Bond Addition Cascade. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12650-4	16.4	123
267	Extended Bis(benzothia)quinodimethanes and Their Dications: From Singlet Diradicaloids to Isoelectronic Structures of Long Acenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9316-20	16.4	48
266	An efficient method for the preparation of styrene derivatives via Rh(III)-catalyzed direct C-H vinylation. <i>Organic Letters</i> , 2015 , 17, 1332-5	6.2	50
265	Identification of multiple structurally distinct, nonpeptidic small molecule inhibitors of protein arginine deiminase 3 using a substrate-based fragment method. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3616-21	16.4	26
264	Tetrafluorophenoxymethyl ketone cruzain inhibitors with improved pharmacokinetic properties as therapeutic leads for Chagas' disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4834-4837	2.9	12
263	Regio- and Diastereoselective Synthesis of Highly Substituted, Oxygenated Piperidines from Tetrahydropyridines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6660-8	4.2	15
262	Cobalt(III)-Catalyzed C-H Bond Amidation with Isocyanates. <i>Organic Letters</i> , 2015 , 17, 2400-3	6.2	140
261	Design of a highly selective quenched activity-based probe and its application in dual color imaging studies of cathepsin S activity localization. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4771-7	16.4	50
260	Rh(I)-Catalyzed Cycloisomerization of 1,6-Enynes. <i>Synlett</i> , 2015 , 26, 1533-1536	2.2	3
259	Cobalt(III)-catalyzed synthesis of indazoles and furans by C-H bond functionalization/addition/cyclization cascades. <i>Journal of the American Chemical Society</i> , 2015 , 137, 490-8	16.4	369
258	Tuneable Singlet Exciton Fission and Triplet-Triplet Annihilation in an Orthogonal Pentacene Dimer. <i>Advanced Functional Materials</i> , 2015 , 25, 5452-5461	15.6	155
257	N-Containing Polycyclic Heteroarenes 2015 , 223-250		3
256	Dipolar Quinoidal Acene Analogues as Stable Isoelectronic Structures of Pentacene and Nonacene. <i>Angewandte Chemie</i> , 2015 , 127, 14620-14624	3.6	8
255	Synthesis of ent-ketorfanol via a C-H alkenylation/torquoselective 6 π electrocyclization cascade. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12044-8	16.4	25
254	Synthesis of ent-Ketorfanol via a C-H Alkenylation/Torquoselective 6 π Electrocyclization Cascade. <i>Angewandte Chemie</i> , 2015 , 127, 12212-12216	3.6	9
253	Dipolar Quinoidal Acene Analogues as Stable Isoelectronic Structures of Pentacene and Nonacene. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14412-6	16.4	29
252	Facile Rh(III)-Catalyzed Synthesis of Fluorinated Pyridines. <i>Organic Letters</i> , 2015 , 17, 2567-9	6.2	33
251	Synthesis of benzopentathiepin analogs and their evaluation as inhibitors of the phosphatase STEP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1044-6	2.9	6

250	Regio- and stereoselective 1,2-dihydropyridine alkylation/addition sequence for the synthesis of piperidines with quaternary centers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3877-80	16.4	51
249	Antiaromatic bisindeno-[n]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. <i>Chemical Science</i> , 2014 , 5, 4490-4503	9.4	53
248	Correction to Highly Diastereoselective Synthesis of Tetrahydropyridines by a C-H Activation/Cyclization/Reduction Cascade. <i>Journal of the American Chemical Society</i> , 2014 , 136, 11849-11849	16.4	1
247	A kinetically blocked 1,14:11,12-dibenzopentacene: a persistent triplet diradical of a non-Kekulé polycyclic benzenoid hydrocarbon. <i>Chemical Science</i> , 2014 , 5, 1908	9.4	55
246	Convergent, asymmetric synthesis of vicinal amino alcohols via Rh-catalyzed addition of imido trifluoroborates to carbonyls. <i>Chemical Science</i> , 2014 , 5, 1983-1987	9.4	31
245	Water induced zinc oxide thin film formation and its transistor performance. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5397-5403	7.1	27
244	Catalytic Enantioselective Addition of Thioacids to Trisubstituted Nitroalkenes. <i>Angewandte Chemie</i> , 2014 , 126, 11511-11514	3.6	12
243	Recent Highlights and Perspectives on Acene Based Molecules and Materials. <i>Chemistry of Materials</i> , 2014 , 26, 4046-4056	9.6	237
242	A Lewis Acid Catalyzed annulation to 2,1-benzisoxazoles. <i>Journal of Organic Chemistry</i> , 2014 , 79, 8296-3032	16.4	16
241	Convergent Synthesis of Diverse Tetrahydropyridines via Rh(I)-Catalyzed C-H Functionalization Sequences. <i>Organic Process Research and Development</i> , 2014 , 18, 1097-1104	3.9	74
240	Catalytic enantioselective addition of thioacids to trisubstituted nitroalkenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11329-32	16.4	41
239	Pyromellitic diimide-based copolymers for ambipolar field-effect transistors: Synthesis, characterization, and device applications. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 2454-2464	2.5	7
238	Preparative Synthesis of Highly Substituted Tetrahydropyridines via a Rh(I)-Catalyzed C-H Functionalization Sequence. <i>Organic Process Research and Development</i> , 2014 , 18, 1105-1109	3.9	8
237	Asymmetric synthesis of branched amines via Rh(III)-catalyzed C-H bond functionalization. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8520-3	16.4	78
236	Asymmetric synthesis of protected amino boronic acid derivatives with an air- and moisture-stable Cu(II) catalyst. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3671-7	4.2	60
235	Regio- and Stereoselective 1,2-Dihydropyridine Alkylation/Addition Sequence for the Synthesis of Piperidines with Quaternary Centers. <i>Angewandte Chemie</i> , 2014 , 126, 3958-3961	3.6	6
234	Inhibitor of the tyrosine phosphatase STEP reverses cognitive deficits in a mouse model of Alzheimer's disease. <i>PLoS Biology</i> , 2014 , 12, e1001923	9.7	95
233	Linking Theory to Reactivity and Properties of Nanographenes 2013 , 393-424		1

232	Facile synthesis of unsymmetrical acridines and phenazines by a Rh(III)-catalyzed amination/cyclization/aromatization cascade. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12548-51	16.4	163
231	A phthalimide-fused naphthalene diimide with high electron affinity for a high performance n-channel field effect transistor. <i>RSC Advances</i> , 2013 , 3, 6775	3.7	13
230	Asymmetric synthesis of amines using tert-butanefulfonamide. <i>Nature Protocols</i> , 2013 , 8, 2271-80	18.8	41
229	Substrate-based fragment identification for the development of selective, nonpeptidic inhibitors of striatal-enriched protein tyrosine phosphatase. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 7636-50	8.3	22
228	6,13-Dicyano pentacene-2,3:9,10-bis(dicarboximide) for solution-processed air-stable n-channel field effect transistors and complementary circuit. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 456-462	7.1	27
227	Proton donor acidity controls selectivity in nonaromatic nitrogen heterocycle synthesis. <i>Science</i> , 2013 , 339, 678-82	33.3	59
226	Rhodium(III)-Catalyzed Alkenyl C-H Bond Functionalization: Convergent Synthesis of Furans and Pyrroles. <i>Angewandte Chemie</i> , 2013 , 125, 657-661	3.6	45
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