

Israel Fernandez

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.

329
papers

9,012
citations

49
h-index

72
g-index

390
ext. papers

10,357
ext. citations

6.8
avg. IF

6.89
L-index

#	Paper	IF	Citations
329	Tunable Aziridinium Ylide Reactivity: Non-covalent Interactions Enable Divergent Product Outcomes. <i>ACS Catalysis</i> , 2022 , 12, 1572-1580	13.1	2
328	Understanding the catalysis by bis-selenonium cations as bidentate chalcogen bond donors 2022 , 1, 100008		1
327	Stannylenes based on pyrrole-phosphane and dipyrromethane-diphosphane scaffolds: syntheses and behavior as precursors to PSnP pincer palladium(II), palladium(0) and gold(I) complexes. <i>Dalton Transactions</i> , 2021 , 50, 16122-16132	4.3	0
326	The Pauli Repulsion-Lowering Concept in Catalysis. <i>Accounts of Chemical Research</i> , 2021 , 54, 1972-1981	24.3	22
325	Nature of the Hydrogen Bond Enhanced Halogen Bond. <i>Molecules</i> , 2021 , 26,	4.8	2
324	Catalysis by Bidentate Iodine(III)-Based Halogen Donors: Surpassing the Activity of Strong Lewis Acids. <i>Journal of Organic Chemistry</i> , 2021 , 86, 5317-5326	4.2	11
323	Highly Enantioselective Cobalt-Catalyzed (3+2) Cycloadditions of Alkynylidenecyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8182-8188	16.4	3
322	Highly Enantioselective Cobalt-Catalyzed (3+2) Cycloadditions of Alkynylidenecyclopropanes. <i>Angewandte Chemie</i> , 2021 , 133, 8263-8269	3.6	0
321	Metal-CO Bonding in Mononuclear Transition Metal Carbonyl Complexes. <i>Jacs Au</i> , 2021 , 1, 623-645		7
320	Reactivity of [Pt(P Bu)] with Zinc(I/II) Compounds: Bimetallic Adducts, Zn-Zn Bond Cleavage, and Cooperative Reactivity. <i>Organometallics</i> , 2021 , 40, 1113-1119	3.8	4
319	Lewis Acid-Catalyzed Diels-Alder Reactions: Reactivity Trends across the Periodic Table. <i>Chemistry - A European Journal</i> , 2021 , 27, 10610-10620	4.8	11
318	Reactivity of Stabilized Vinylidazo Compounds toward Alkenyl- and Alkynylsilanes under Gold Catalysis: Regio- and Stereoselective Synthesis of Skipped Dienes and Enynes. <i>Organic Letters</i> , 2021 , 23, 4452-4456	6.2	5
317	Scope and Mechanistic Investigations of Pd-Catalyzed Coupling/Cyclization and Cycloisomerization of Allenyl Malonates. <i>ACS Catalysis</i> , 2021 , 11, 9485-9494	13.1	3
316	Helically Arranged Chiral Molecular Nanographenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11864-11870	16.4	8
315	Iron(II) and Copper(I) Control the Total Regioselectivity in the Hydrobromination of Alkenes. <i>Organic Letters</i> , 2021 , 23, 6105-6109	6.2	0
314	Bifunctional Hydrogen Bond Donor-Catalyzed Diels-Alder Reactions: Origin of Stereoselectivity and Rate Enhancement. <i>Chemistry - A European Journal</i> , 2021 , 27, 5180-5190	4.8	19
313	Understanding the C-F Bond Activation Mediated by Frustrated Lewis Pairs: Crucial Role of Non-covalent Interactions. <i>Chemistry - A European Journal</i> , 2021 , 27, 3823-3831	4.8	7

312	Catalytic conversion of alkynes to vinyl sulfides mediated by carbene-linker-carbene (CXC) rhodium and iridium complexes. <i>Catalysis Science and Technology</i> , 2021 , 11, 516-523	5.5	2
311	Iron-promoted dealkylative carbene aminocyclization of β -arylamino- α -diazoesters. <i>Dalton Transactions</i> , 2021 , 50, 2167-2176	4.3	1
310	Origin of the Ir-Si bond shortening in Ir-NSiN complexes. <i>Dalton Transactions</i> , 2021 , 50, 5951-5959	4.3	1
309	Quantifying aromaticity according to the energetic criterion 2021 , 195-235		
308	Reactions of Late First-Row Transition Metal (Fe-Zn) Dichlorides with a PGeP Pincer Germylene. <i>Chemistry - A European Journal</i> , 2021 , 27, 4985-4992	4.8	4
307	Assembly of a Dihydrateborate and Two Aryl Nitriles to Form a C,N,N'-Pincer Ligand Coordinated to Osmium. <i>Organometallics</i> , 2021 , 40, 635-642	3.8	2
306	Factors Controlling the Aluminum(III)-meta-Selective C-H Activation in Arenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 12422-12429	4.8	3
305	Gold-Catalyzed Reaction of Propargyl Esters and Alkynylsilanes: Synthesis of Vinylallene Derivatives through a Twofold 1,2-Rearrangement. <i>Angewandte Chemie</i> , 2021 , 133, 25462	3.6	
304	Regioselective Monoborylation of Spirocyclobutenes. <i>Organic Letters</i> , 2021 , 23, 7434-7438	6.2	7
303	Gold-Catalyzed Reaction of Propargyl Esters and Alkynylsilanes: Synthesis of Vinylallene Derivatives through a Twofold 1,2-Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25258-25262	16.4	1
302	A dicoordinate gold(I)-ethylene complex. <i>Chemical Communications</i> , 2021 , 57, 9280-9283	5.8	3
301	Site-Specific Reduction-Induced Hydrogenation of a Helical Bilayer Nanographene with K and Rb Metals: Electron Multiaddition and Selective Rb ⁺ Complexation. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	2
300	Nature of CIP...Halogen Bonding and its Role in Organocatalysis. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 6102-6110	3.2	1
299	AgNO ₃ /SiO ₂ : Convenient AgNPs source for the sustainable hydrofunctionalization of allenyl-indoles using heterogeneous catalysis. <i>Journal of Catalysis</i> , 2020 , 389, 432-439	7.3	6
298	Synthesis and Photophysical Properties of T-Shaped Coinage-Metal Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 6993-6998	4.8	21
297	Intermolecular [3+3] ring expansion of aziridines to dehydropiperidines through the intermediacy of aziridinium ylides. <i>Nature Communications</i> , 2020 , 11, 1273	17.4	12
296	Understanding the reactivity of polycyclic aromatic hydrocarbons and related compounds. <i>Chemical Science</i> , 2020 , 11, 3769-3779	9.4	25
295	Biomimetic 2-Imino-Nazarov Cyclizations via Eneallene Aziridination. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5568-5573	16.4	6

294	Origin of rate enhancement and asynchronicity in iminium catalyzed Diels-Alder reactions. <i>Chemical Science</i> , 2020 , 11, 8105-8112	9.4	25
293	Unraveling the Selectivity Patterns in Phosphine-Catalyzed Annulations of Azomethine Imines and Allenates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9272-9280	4.2	7
292	How Lewis Acids Catalyze Diels-Alder Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 6260-6265	3.6	21
291	How Lewis Acids Catalyze Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6201-6206	16.4	54
290	Rationalizing the Al-Promoted Oxidative Addition of C-C Versus C-H Bonds in Arenes. <i>Chemistry - A European Journal</i> , 2020 , 26, 11806-11813	4.8	11
289	Bimetallic scorpionate-based helical organoaluminum complexes for efficient carbon dioxide fixation into a variety of cyclic carbonates. <i>Catalysis Science and Technology</i> , 2020 , 10, 3265-3278	5.5	12
288	Organoseleno-Catalyzed Synthesis of β -Unsaturated β -Alkoxy Ketones from Allenes Enabled by Se \cdots O Interactions. <i>Organic Letters</i> , 2020 , 22, 3979-3984	6.2	3
287	Rh-Catalyzed Aziridine Ring Expansions to Dehydropiperazines. <i>Organic Letters</i> , 2020 , 22, 3637-3641	6.2	9
286	A Quantitative Approach to Understanding Reactivity in Organometallic Chemistry. <i>Topics in Organometallic Chemistry</i> , 2020 , 107-130	0.6	
285	Understanding the role of frustrated Lewis pairs as ligands in transition metal-catalyzed reactions. <i>Dalton Transactions</i> , 2020 , 49, 3129-3137	4.3	6
284	Transition metal-free cyclobutene rearrangement in fused naphthalen-1-ones: controlled access to functionalized quinones. <i>Chemical Communications</i> , 2020 , 56, 1290-1293	5.8	0
283	Homo and Hetero Molecular 3D Nanographenes Employing a Cyclooctatetraene Scaffold. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4162-4172	16.4	26
282	The Valence Orbitals of the Alkaline-Earth Atoms. <i>Chemistry - A European Journal</i> , 2020 , 26, 14194-14210	4.8	23
281	Chelated Fischer carbene complexes of annulated thiophenes: synthesis, structure and electrochemistry. <i>Dalton Transactions</i> , 2020 , 49, 15339-15354	4.3	2
280	Dihydroboration of Alkyl Nitriles Catalyzed by an Osmium-Polyhydride: Scope, Kinetics, and Mechanism. <i>Organometallics</i> , 2020 , 39, 3864-3872	3.8	10
279	Synthesis, antioxidant properties and neuroprotection of β -phenyl-tert-butyl nitron derived HomoBisNitrones in in vitro and in vivo ischemia models. <i>Scientific Reports</i> , 2020 , 10, 14150	4.9	4
278	Comment on Topological Analysis of the Electron Density in the Carbonyl Complexes M(CO) ₈ (M = Ca, Sr, Ba). <i>Organometallics</i> , 2020 , 39, 2956-2958	3.8	2
277	Characterization of a Cholesterol Nitron (ISQ-201), a Novel Drug Candidate for the Treatment of Ischemic Stroke. <i>Antioxidants</i> , 2020 , 9,	7.1	2

276	Site Selectivity in Pd-Catalyzed Reactions of α -Diazo- β -(methoxycarbonyl)acetamides: Effects of Catalysts and Substrate Substitution in the Synthesis of Oxindoles and β -Lactams. <i>Molecules</i> , 2019 , 24,	4.8	5
275	Aromaticity can enhance the reactivity of P-donor/borole frustrated Lewis pairs. <i>Chemical Communications</i> , 2019 , 55, 675-678	5.8	17
274	Grubbs catalysts in intramolecular carbene C(sp)-H insertion reactions from α -diazoesters. <i>Chemical Communications</i> , 2019 , 55, 1160-1163	5.8	7
273	Carbones and Heavier Ylidones (EL) in Frustrated Lewis Pair Chemistry: Influence of the Nature of EL on Dihydrogen Activation. <i>Inorganic Chemistry</i> , 2019 , 58, 7828-7836	5.1	11
272	Regioselectivity in Diels-Alder Cycloadditions of C Fullerene with a Triplet Ground State. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9017-9024	4.2	6
271	Reduction of Benzonitriles via Osmium-Azavinylidene Intermediates Bearing Nucleophilic and Electrophilic Centers. <i>Inorganic Chemistry</i> , 2019 , 58, 8673-8684	5.1	11
270	Impact of C=C/B-N Replacement on the Diels-Alder Reactivity of Curved Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , 2019 , 25, 9771-9779	4.8	7
269	Palladium- and Ruthenium-Catalyzed Intramolecular Carbene C-H Functionalization of α -Amino- α -diazoesters for the Synthesis of Tetrahydroquinolines. <i>Chemistry - A European Journal</i> , 2019 , 25, 10239-10245	4.8	7
268	Wie Dihalogene Michael-Additionsreaktionen katalysieren. <i>Angewandte Chemie</i> , 2019 , 131, 9015-9020	3.6	15
267	How Dihalogens Catalyze Michael Addition Reactions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8922-8926	16.4	54
266	Iridium-Promoted B-B Bond Activation: Preparation and X-ray Diffraction Analysis of a mer-Tris(boryl) Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 4712-4717	5.1	15
265	Factors Controlling the Reactivity of Strained-Alkyne Embedded Cycloparaphenylenes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 4330-4337	4.2	7
264	Bent Phosphaallenes With "Hidden" Lone Pairs as Ligands. <i>Chemistry - A European Journal</i> , 2019 , 25, 7912-7920	4.8	7
263	A Germylene Supported by Two 2-Pyrrolylphosphane Groups as Precursor to PGeP Pincer Square-Planar Group 10 Metal(II) and T-Shaped Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2019 , 25, 12423-12430	4.8	15
262	A dipyrromethane-based diphosphane-germylene as precursor to tetrahedral copper(i) and T-shaped silver(i) and gold(i) PGeP pincer complexes. <i>Dalton Transactions</i> , 2019 , 48, 13273-13280	4.3	19
261	Understanding the Reactivity of Neutral Geminal Group 14 Element/Phosphorus Frustrated Lewis Pairs. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 10095-10101	2.8	7
260	Cycloosmathioborane Compounds: Other Manifestations of the Hückel Aromaticity. <i>Inorganic Chemistry</i> , 2019 , 58, 2265-2269	5.1	10
259	CHAPTER 29:Analysis of Reactivity from the Noncovalent Interactions Perspective. <i>RSC Catalysis Series</i> , 2019 , 628-643	0.3	2

258	Understanding exo-selective Diels-Alder reactions involving Fischer-type carbene complexes. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2985-2991	3.9	4
257	The Diels-Alder Reaction from the EDA-NOCV Perspective: A Re-Examination of the Frontier Molecular Orbital Model. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 478-485	3.2	7
256	Chemoselectivity Switching in the Rhodium-Catalyzed Reactions of 4-Substituted-1-sulfonyl-1,2,3-triazoles with Allenols: Noticeable Differences between 4-Acyl- and 4-Aryl-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1160-1165	5.6	7
255	Origin of the Anti-Markovnikov Hydroamination of Alkenes Catalyzed by $\text{L}\text{Au}(\text{I})$ Complexes: Coordination Mode Determines Regioselectivity. <i>ACS Catalysis</i> , 2019 , 9, 848-858	13.1	26
254	Site-selective Synthesis of C_{70} PCBM-like Fullerenes: Efficient Application in Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , 2019 , 25, 3224-3228	4.8	26
253	Synthesis and Reactivity Studies of Amido-Substituted Germanium(II)/Tin(II) Dimers and Clusters. <i>Chemistry - A European Journal</i> , 2019 , 25, 2773-2785	4.8	23
252	Rationalizing the Regioselectivity of the Diels-Alder Biscycloaddition of Fullerenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3285-3292	4.2	10
251	Barium as Honorary Transition Metal in Action: Experimental and Theoretical Study of $\text{Ba}(\text{CO})^+$ and $\text{Ba}(\text{CO})_2$. <i>Angewandte Chemie</i> , 2018 , 130, 4038-4044	3.6	15
250	Carbon dioxide-based facile synthesis of cyclic carbamates from amino alcohols. <i>Chemical Communications</i> , 2018 , 54, 3166-3169	5.8	36
249	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie</i> , 2018 , 130, 6890-6895	3.6	55
248	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6774-6779	6.7	112
247	Barium as Honorary Transition Metal in Action: Experimental and Theoretical Study of $\text{Ba}(\text{CO})$ and $\text{Ba}(\text{CO})_2$. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3974-3980	16.4	42
246	Understanding the Reactivity of Fullerenes Through the Activation Strain Model. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1394-1402	3.2	20
245	Energy Decomposition Analysis and Related Methods 2018 , 191-226		5
244	Evidence for a Bis(Elongated η^2 -Dihydrideborate Coordinated to Osmium. <i>Inorganic Chemistry</i> , 2018 , 57, 4482-4491	5.1	23
243	Unraveling the Nature of the Catalytic Power of Fluoroacetate Dehalogenase. <i>ChemCatChem</i> , 2018 , 10, 1052-1063	5.2	11
242	Understanding the Diels-Alder reactivity of 1,2-azaborine analogues. <i>Tetrahedron</i> , 2018 , 74, 4289-4294	2.4	6
241	Ring Expansion of Bicyclic Methyleneaziridines via Concerted, Near-Barrierless [2,3]-Stevens Rearrangements of Aziridinium Ylides. <i>ACS Catalysis</i> , 2018 , 8, 7907-7914	13.1	29

240	Pt-M Complexes (M=Ag, Au) as Models for Intermediates in Transmetalation Processes. <i>Chemistry - A European Journal</i> , 2018 , 24, 13879-13889	4.8	10
239	Gold-Catalyzed Divergent Ring-Closing Modes of Indole-Tethered Amino Allenynes. <i>Chemistry - A European Journal</i> , 2018 , 24, 1448-1454	4.8	4
238	A Route to Base Coordinate Silicon Difluoride and the Silicon Trifluoride Radical. <i>Chemistry - A European Journal</i> , 2018 , 24, 1264-1268	4.8	19
237	Enhancement of anion recognition exhibited by a zinc-imidazole-based ion-pair receptor composed of C-H hydrogen- and halogen-bond donor groups. <i>Dalton Transactions</i> , 2018 , 47, 15941-15947	4.3	11
236	Influence of the charge on the reactivity of azafullerenes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 28011-28018	3.6	10
235	Extended Corannulene-Based Nanographenes: Selective Formation of Negative Curvature. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17188-17196	16.4	89
234	Influence of the Lewis Acid/Base Pairs on the Reactivity of Geminal E-CH -E' Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , 2018 , 24, 17823-17831	4.8	19
233	Organo-Aluminum and Zinc Acetamidinates: Preparation, Coordination Ability, and Ring-Opening Polymerization Processes of Cyclic Esters. <i>Inorganic Chemistry</i> , 2018 , 57, 12132-12142	5.1	7
232	Buckyball Difluoride F @C -A Single-Molecule Crystal. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13931-13934	16.4	18
231	Stereodiversified Modular Synthesis of Non-planar Five-Membered Cyclic N-Hydroxylamidines: Reactivity Study and Application to the Synthesis of Cyclic Amidines. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4362-4371	5.6	5
230	Buckyball Difluoride F ₂ @C ₆₀ -A Single-Molecule Crystal. <i>Angewandte Chemie</i> , 2018 , 130, 14127-14130	3.6	0
229	Hydrogenation of Multiple Bonds by Geminal Aminoborane-Based Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , 2018 , 24, 8833-8840	4.8	21
228	Palladium Catalysis in the Intramolecular Carbene C=C Insertion of Diazo-(methoxycarbonyl)acetamides to Form β -Lactams. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4446-4455	3.2	11
227	Controlling Selectivities in Palladium-Catalyzed Cyclization Reactions Leading to Heterocycles: From Ambiphilic Reactions of Arylpalladium Species to Carbene Insertions 2018 , 311-337		2
226	Janus Face of the Steric Effect in a Lewis Acid Catalyst with Size-Exclusion Design: Steric Repulsion and Steric Attraction in the Catalytic Exo-Selective Diels-Alder Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10869-10875	8.3	7
225	Redox-Assisted Osmium-Promoted C=C Bond Activation of Alkyl Nitriles. <i>Organometallics</i> , 2018 , 37, 2014-2017	3.6	11
224	Cationic Au versus Au : Catalyst-Controlled Divergent Reactivity of Alkyne-Tethered Lactams. <i>Chemistry - A European Journal</i> , 2017 , 23, 3012-3015	4.8	10
223	Stereodivergent-at-Metal Synthesis of [60]Fullerene Hybrids. <i>Angewandte Chemie</i> , 2017 , 129, 2168-2171	3.6	7

222	Stereodivergent-at-Metal Synthesis of [60]Fullerene Hybrids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2136-2139	16.4	18
221	Palladium-catalysed intramolecular carbenoid insertion of β -diazo- β -(methoxycarbonyl)acetanilides for oxindole synthesis. <i>Chemical Communications</i> , 2017 , 53, 3110-3113	5.8	14
220	Effect of Lewis acid bulkiness on the stereoselectivity of Diels-Alder reactions between acyclic dienes and β -enals. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1390-1399	5.2	26
219	Understanding the Reactivity of Ion-Encapsulated Fullerenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 11030-11036	4.8	28
218	Elongated β -Borane versus β -Borane in Pincer-POPDsmium Complexes. <i>Organometallics</i> , 2017 , 36, 2298-2307	3.8	27
217	Influence of the Transition-Metal Fragment on the Reactivity of Metallaanthracenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 6634-6642	4.8	22
216	Access to Enantiopure 5-, 7-, and 5,7-Substituted cis-Decahydroquinolines: Enantioselective Synthesis of (-)-Cermizine B. <i>Organic Letters</i> , 2017 , 19, 1714-1717	6.2	11
215	Predicting and Understanding the Reactivity of Aza[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 754-758	4.2	18
214	Understanding the Effect of β -Cationic Phosphines and Group 15 Analogues on β -Acid Catalysis. <i>Organometallics</i> , 2017 , 36, 460-466	3.8	23
213	De Novo Synthesis of β -Hydroxy Ketones by Gallic Acid-Promoted Aerobic Coupling of Terminal Alkynes with Diazonium Salts. <i>Chemistry - A European Journal</i> , 2017 , 23, 17227-17230	4.8	4
212	Reactions between microhydrated superoxide anions and formic acid. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 23176-23186	3.6	3
211	Direct Access to 2,3,4,6-Tetrasubstituted Tetrahydro-2H-pyrans via Tandem S2'-Prins Cyclization. <i>Organic Letters</i> , 2017 , 19, 4834-4837	6.2	12
210	Parent Thioketene S-Oxide H CCSO: Gas-Phase Generation, Structure, and Bonding Analysis. <i>Chemistry - A European Journal</i> , 2017 , 23, 16566-16573	4.8	27
209	Transition Metal-Catalysed Intramolecular Carbenoid C β Insertion for Pyrrolidine Formation by Decomposition of β -Diazoesters. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3654-3664	5.6	14
208	Theoretical Studies of Metallabenzenes: From Bonding Situation to Reactivity 2017 , 267-304		1
207	Factors Governing the Diels-Alder Reactivity of (2,7)Pyrenophanes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8157-8164	4.2	7
206	Exploring Partners for the Domino β -Arylation/Michael Addition Reaction Leading to Tetrahydroisoquinolines. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 799-805	3.2	6
205	Fine-Tuning the Fluorescence Gain of FRET-Type (Bodipy)(Bodipy')-NHC-Iridium Complexes for CO Detection with a Large Virtual Stokes Shift. <i>Chemistry - A European Journal</i> , 2017 , 23, 711-719	4.8	16

204	A Hemilabile and Cooperative N-Donor-Functionalized 1,2,3-Triazol-5-Ylidene Ligand for Alkyne Hydrothiolation Reactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 1393-1401	4.8	38
203	Enantiodivergent Synthesis of (+)- and (-)-Pyrrolidine 197B: Synthesis of trans-2,5-Disubstituted Pyrrolidines by Intramolecular Hydroamination. <i>Chemistry - A European Journal</i> , 2016 , 22, 15529-15535	4.8	15
202	Understanding the Oxidative Addition of π Bonds to Group 13 Compounds. <i>Chemistry - A European Journal</i> , 2016 , 22, 13669-76	4.8	19
201	Metal-Catalyzed Cyclization Reactions of 2,3,4-Trien-1-ols: A Joint Experimental-Computational Study. <i>Chemistry - A European Journal</i> , 2016 , 22, 11667-76	4.8	7
200	Stereoselective synthesis of strained cage compounds via gold-catalyzed allene functionalization. <i>Chemical Communications</i> , 2016 , 52, 10265-8	5.8	5
199	Deeper Insight into the Factors Controlling H Activation by Geminal Aminoborane-Based Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , 2016 , 22, 18801-18809	4.8	39
198	Deeper Insight into the Diels-Alder Reaction through the Activation Strain Model. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3297-3304	4.5	39
197	Stereocontrolled Access to Enantiopure 7-Substituted cis- and trans-Octahydroindoles. <i>Organic Letters</i> , 2016 , 18, 5836-5839	6.2	12
196	An Entry to Stable Mixed Phosphine-Osmium-NHC Polyhydrides. <i>Inorganic Chemistry</i> , 2016 , 55, 5062-70	5.1	22
195	Fluorescence Quenching in BODIPYs Having Ir- and Rh-Tethered Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 844-852	2.3	10
194	Unusual Metal-Metal Bonding in a Dinuclear Pt-Au Complex: Snapshot of a Transmetalation Process. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6978-82	16.4	32
193	Metal-Free Allene-Based Synthesis of Enantiopure Fused Polycyclic Sultones. <i>Chemistry - A European Journal</i> , 2016 , 22, 285-94	4.8	9
192	Pd-Catalyzed β Arylation of Sulfones in a Three-Component Synthesis of 3-[2-(Phenyl/methylsulfonyl)ethyl]indoles. <i>ACS Catalysis</i> , 2016 , 6, 1691-1700	13.1	14
191	A DFT-Elucidated Comparison of the Solution-Phase and SAM Electrochemical Properties of Short-Chain Mercaptoalkylferrocenes: Synthetic and Spectroscopic Aspects, and the Structure of Fc-CH ₂ CH ₂ -S-S-CH ₂ CH ₂ -Fc. <i>Inorganic Chemistry</i> , 2016 , 55, 2584-96	5.1	8
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