Israel Fernandez

List of Publications by Year
in descending order

334 papers	11,324 citations	36303 51 h-index	62596 80 g-index
390 all docs	390 docs citations	390 times ranked	7352 citing authors

#	Article	IF	Citations
1	The activation strain model and molecular orbital theory: understanding and designing chemical reactions. Chemical Society Reviews, 2014, 43, 4953-4967.	38.1	604
2	Aromaticity of metallabenzenes and related compounds. Chemical Society Reviews, 2015, 44, 6452-6463.	38.1	197
3	Structural Evidence for Antiaromaticity in Free Boroles. Angewandte Chemie - International Edition, 2008, 47, 1951-1954.	13.8	178
4	Dyotropic Reactions: Mechanisms and Synthetic Applications. Chemical Reviews, 2009, 109, 6687-6711.	47.7	163
5	Synthesis of a Helical Bilayer Nanographene. Angewandte Chemie - International Edition, 2018, 57, 6774-6779.	13.8	161
6	Ï€-Extended Corannulene-Based Nanographenes: Selective Formation of Negative Curvature. Journal of the American Chemical Society, 2018, 140, 17188-17196.	13.7	156
7	Aromaticity in Metallabenzenes. Chemistry - A European Journal, 2007, 13, 5873-5884.	3.3	155
8	Allenes and computational chemistry: from bonding situations to reaction mechanisms. Chemical Society Reviews, 2014, 43, 3041.	38.1	155
9	Direct estimate of conjugation and aromaticity in cyclic compounds with the EDA method. Faraday Discussions, 2007, 135, 403-421.	3.2	129
10	Aromaticity in transition structures. Chemical Society Reviews, 2014, 43, 4909-4921.	38.1	124
11	Exocyclic Delocalization at the Expense of Aromaticity in 3,5-bis(Ï€-Donor) Substituted Pyrazolium Ions and Corresponding Cyclic Bent Allenes. Journal of the American Chemical Society, 2009, 131, 11875-11881.	13.7	119
12	Rate-Determining Factors in Nucleophilic Aromatic Substitution Reactions. Journal of Organic Chemistry, 2010, 75, 2971-2980.	3.2	119
13	Multimetallocenes. A Theoretical Study. Organometallics, 2007, 26, 4731-4736.	2.3	118
14	Direct Estimate of the Strength of Conjugation and Hyperconjugation by the Energy Decomposition Analysis Method. Chemistry - A European Journal, 2006, 12, 3617-3629.	3.3	114
15	How Lewis Acids Catalyze Dielsâ€“Alder Reactions. Angewandte Chemie - International Edition, 2020, 59, 6201-6206.	13.8	113
16	Why Do Cycloaddition Reactions Involving C₆₀ Prefer [6,6] over [5,6] Bonds?. Chemistry - A European Journal, 2013, 19, 7416-7422.	3.3	100
17	Description of Aromaticity in Porphyrinoids. Journal of the American Chemical Society, 2013, 135, 315-321.	13.7	99
18	Alderâ€ene reaction: Aromaticity and activationâ€strain analysis. Journal of Computational Chemistry, 2012, 33, 509-516.	3.3	93

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19	Correlation between Hammett Substituent Constants and Directly Calculated Ï€-Conjugation Strength. Journal of Organic Chemistry, 2006, 71, 2251-2256.	3.2	92
20	Borylene-Based Direct Functionalization of Organic Substrates: Synthesis, Characterization, and Photophysical Properties of Novel Ï€-Conjugated Borirenes. Journal of the American Chemical Society, 2009, 131, 8989-8999.	13.7	90
21	How Dihalogens Catalyze Michael Addition Reactions. Angewandte Chemie - International Edition, 2019, 58, 8922-8926.	13.8	90
22	Substituent Effects on â€œHyperconjugativeâ€•Aromaticity and Antiaromaticity in Planar Cyclopolyenes. Organic Letters, 2013, 15, 2990-2993.	4.6	87
23	Aromaticity and Activation Strain Analysis of [3 + 2] Cycloaddition Reactions between Group 14 Heteroallenes and Triple Bonds. Journal of Organic Chemistry, 2011, 76, 2310-2314.	3.2	86
24	Twelve Oneâ€Electron Ligands Coordinating One Metal Center: Structure and Bonding of [Mo(ZnCH₃)₉(ZnCp*)₃]. Angewandte Chemie - International Edition, 2008, 47, 9150-9154.	13.8	85
25	Combined activation strain model and energy decomposition analysis methods: a new way to understand pericyclic reactions. Physical Chemistry Chemical Physics, 2014, 16, 7662-7671.	2.8	85
26	Nickelâ€Catalyzed [3+2+2] Cycloadditions between Alkynylidenecyclopropanes and Activated Alkenes. Angewandte Chemie - International Edition, 2010, 49, 9886-9890.	13.8	83
27	Typeâ€I Dyotropic Reactions: Understanding Trends in Barriers. Chemistry - A European Journal, 2012, 18, 12395-12403.	3.3	79
28	The Interplay between Steric and Electronic Effects in S_N2 Reactions. Chemistry - A European Journal, 2009, 15, 2166-2175.	3.3	76
29	Double Group Transfer Reactions: Role of Activation Strain and Aromaticity in Reaction Barriers. Chemistry - A European Journal, 2009, 15, 13022-13032.	3.3	76
30	Fascinating reactivity in gold catalysis: synthesis of oxetenes through rare 4-exo-dig allene cyclization and infrequent Î²-hydride elimination. Chemical Communications, 2011, 47, 9054.	4.1	76
31	Origin of the â€œendo ruleâ€•in Diels-Alder reactions. Journal of Computational Chemistry, 2014, 35, 371-376.	3.3	75
32	The Pauli Repulsion-Lowering Concept in Catalysis. Accounts of Chemical Research, 2021, 54, 1972-1981.	15.6	75
33	Photochemistry of Group 6 Fischer Carbene Complexes: Beyond the Photocarbonylation Reaction. Accounts of Chemical Research, 2011, 44, 479-490.	15.6	70
34	A Theoreticalâ^'Experimental Approach to the Mechanism of the Photocarbonylation of Chromium(0) (Fischer)â^'Carbene Complexes and Their Reaction with Imines. Journal of the American Chemical Society, 2000, 122, 11509-11510.	13.7	69
35	Synthesis of a Helical Bilayer Nanographene. Angewandte Chemie, 2018, 130, 6890-6895.	2.0	69
36	Homo and Hetero Molecular 3D Nanographenes Employing a Cyclooctatetraene Scaffold. Journal of the American Chemical Society, 2020, 142, 4162-4172.	13.7	68

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37	Synthesis and Electronic Structure of a Ferroborirene. Angewandte Chemie - International Edition, 2007, 46, 5215-5218.	13.8	67
38	Regio- and Diastereoselective Stepwise [8 + 3]-Cycloaddition Reaction between Tropone Derivatives and Donorâ€“Acceptor Cyclopropanes. Organic Letters, 2013, 15, 4928-4931.	4.6	66
39	Is it Possible To Synthesize a Neutral Noble Gas Compound Containing a Ngï£¿Ng Bond? A Theoretical Study of Hï£¿Ngï£¿Ngï£¿F (Ng=Ar, Kr, Xe). Angewandte Chemie - International Edition, 2009, 48, 366-369.	13.8	65
40	Molecular Alloys, Linking Organometallics with Intermetallic Humeâ^'Rothery Phases: The Highly Coordinated Transition Metal Compounds [M(ZnR)_n] (nâ‰¥ 8) Containing Organoâ^'Zinc Ligands. Journal of the American Chemical Society, 2009, 131, 16063-16077.	13.7	65
41	Synthesis and characterisation of [6]-azaosmahelicenes: the first d4-heterometallahelicenes. Chemical Communications, 2012, 48, 5328.	4.1	65
42	Controlling the oxidative addition of aryl halides to Au(I). Journal of Computational Chemistry, 2014, 35, 2140-2145.	3.3	65
43	â€œNakedâ€•Ga+ and In+ as Pure Acceptor Ligands: Structure and Bonding of [GaPt(GaCp*)4][BArF]. Angewandte Chemie - International Edition, 2006, 45, 5207-5210.	13.8	61
44	In-Plane Aromaticity in Double Group Transfer Reactions. Journal of Organic Chemistry, 2007, 72, 1488-1491.	3.2	60
45	Barium as Honorary Transition Metal in Action: Experimental and Theoretical Study of Ba(CO)⁺ and Ba(CO)^{â^'}. Angewandte Chemie - International Edition, 2018, 57, 3974-3980.	13.8	60
46	Understanding the reactivity of polycyclic aromatic hydrocarbons and related compounds. Chemical Science, 2020, 11, 3769-3779.	7.4	60
47	Metalâ€“CO Bonding in Mononuclear Transition Metal Carbonyl Complexes. Jacs Au, 2021, 1, 623-645.	7.9	57
48	Eneâ€•eneâ€•yne Reactions: Activation Strain Analysis and the Role of Aromaticity. Chemistry - A European Journal, 2014, 20, 10791-10801.	3.3	56
49	Do Î½(CO) Stretching Frequencies in Metal Carbonyl Complexes Unequivocally Correlate with the Intrinsic Electronâ€•Donicity of Ancillary Ligands?. Chemistry - A European Journal, 2011, 17, 6602-6605.	3.3	55
50	Origin of rate enhancement and asynchronicity in iminium catalyzed Dielsâ€“Alder reactions. Chemical Science, 2020, 11, 8105-8112.	7.4	55
51	Divergent Pathways in the Reaction of Fischer Carbenes and Palladium. Organic Letters, 2007, 9, 1757-1759.	4.6	54
52	Structure and Conformations of Heteroatom-Substituted Free Carbenes and Their Group 6 Transition Metal Analogues. Organometallics, 2004, 23, 1065-1071.	2.3	53
53	Concerted and Stepwise Mechanisms in Metalâ€Free and Metalâ€Assisted [4+3] Cycloadditions Involving Allyl Cations. Chemistry - A European Journal, 2010, 16, 12147-12157.	3.3	53
54	Why Cyclooctatetraene Is Highly Stabilized: The Importance of â€œTwo-Wayâ€•(Double) Hyperconjugation. Journal of Chemical Theory and Computation, 2012, 8, 1280-1287.	5.3	52

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55	Deeper Insight into the Factors Controlling H₂ Activation by Geminal Aminoboraneâ€Based Frustrated Lewis Pairs. Chemistry - A European Journal, 2016, 22, 18801-18809.	3.3	52
56	Computational and experimental tools in solving some mechanistic problems in the chemistry of Fischer carbene complexes. Chemical Communications, 2008, , 4671.	4.1	51
57	Electronic Structure of Alkoxychromium(0) Carbene Complexes: A Joint TD-DFT/Experimental Study. Inorganic Chemistry, 2008, 47, 5253-5258.	4.0	50
58	Aromaticity in Groupâ€...14 Homologues of the Cyclopropenylium Cation. Chemistry - A European Journal, 2011, 17, 2215-2224.	3.3	50
59	Nickel-Catalyzed Intramolecular [3 + 2 + 2] Cycloadditions of Alkylidenecyclopropanes. A Straightforward Entry to Fused 6,7,5-Tricyclic Systems. Organic Letters, 2014, 16, 5008-5011.	4.6	49
60	Activation-Strain Analysis Reveals Unexpected Origin of Fast Reactivity in Heteroaromatic Azadiene Inverse-Electron-Demand Dielsâ€“Alder Cycloadditions. Journal of Organic Chemistry, 2015, 80, 548-558.	3.2	49
61	Carbon dioxide-based facile synthesis of cyclic carbamates from amino alcohols. Chemical Communications, 2018, 54, 3166-3169.	4.1	48
62	Deeper Insight into the Dielsâ€“Alder Reaction through the Activation Strain Model. Chemistry - an Asian Journal, 2016, 11, 3297-3304.	3.3	47
63	DFT Study on the Dielsâ^'Alder Cycloaddition between Alkenylâ^'M(0) (M = Cr, W) Carbene Complexes and Neutral 1,3-Dienes. Journal of Organic Chemistry, 2008, 73, 2083-2089.	3.2	46
64	A Hemilabile and Cooperative Nâ€Donorâ€Functionalized 1,2,3â€Triazolâ€5â€Ylidene Ligand for Alkyne Hydrothiolation Reactions. Chemistry - A European Journal, 2017, 23, 1393-1401.	3.3	46
65	Synthesis and Reactivity Studies of Amidoâ€Substituted Germanium(I)/Tin(I) Dimers and Clusters. Chemistry - A European Journal, 2019, 25, 2773-2785.	3.3	46
66	Gold-catalysed tuning of reactivity in allenes: 9-endo hydroarylation versus formal 5-exo hydroalkylation. Chemical Communications, 2013, 49, 1282.	4.1	45
67	Understanding the Reactivity of Endohedral Metallofullerenes: C₇₈ versus Sc₃N@C₇₈. Chemistry - A European Journal, 2015, 21, 5760-5768.	3.3	45
68	Origin of the Anti-Markovnikov Hydroamination of Alkenes Catalyzed by Lâ€“Au(I) Complexes: Coordination Mode Determines Regioselectivity. ACS Catalysis, 2019, 9, 848-858.	11.2	45
69	Mechanism of the Generation of Ketenimineâ^'M(CO)n Complexes (M = Cr, W, Fe) from Fischer Carbenes and Isocyanides. Organometallics, 2007, 26, 3010-3017.	2.3	44
70	Transmetalation Reactions from Fischer Carbene Complexes to Late Transition Metals: A DFT Study. Chemistry - A European Journal, 2008, 14, 11222-11230.	3.3	44
71	Noyori Hydrogenation: Aromaticity, Synchronicity, and Activation Strain Analysis. Journal of Organic Chemistry, 2013, 78, 5669-5676.	3.2	44
72	Synthesis of Oxaspiranic Compounds through [3 + 2] Annulation of Cyclopropenones and Donorâ€“Acceptor Cyclopropanes. Journal of Organic Chemistry, 2015, 80, 1207-1213.	3.2	44

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73	Effect of the Metal Fragment in the Thermal Cycloaddition between Alkynyl Metal(0) Fischer Carbene Complexes and Nitrones. Journal of Organic Chemistry, 2006, 71, 6178-6184.	3.2	43
74	Transition metal-catalysed (4 + 3) cycloaddition reactions involving allyl cations. Organic and Biomolecular Chemistry, 2012, 10, 699-704.	2.8	43
75	Neutral noble gas compounds exhibiting a Xeâ€“Xe bond: structure, stability and bonding situation. Physical Chemistry Chemical Physics, 2012, 14, 14869.	2.8	43
76	Multiple Câˆ’H Bond Activation of Phenyl-Substituted Pyrimidines and Triazines Promoted by an Osmium Polyhydride: Formation of Osmapolycycles with Three, Five, and Eight Fused Rings. Organometallics, 2010, 29, 976-986.	2.3	42
77	Rhodiumâ€Catalyzed Intramolecular [3+2+2] Cycloadditions between Alkylidenecyclopropanes, Alkynes, and Alkenes. Chemistry - A European Journal, 2014, 20, 10255-10259.	3.3	42
78	How Lewis Acids Catalyze Dielsâ€“Alder Reactions. Angewandte Chemie, 2020, 132, 6260-6265.	2.0	42
79	Palladiumâ€Catalyzed Intramolecular Carbene Insertion into C(sp³)â€“H Bonds. Angewandte Chemie - International Edition, 2016, 55, 6467-6470.	13.8	41
80	Catalysis by Bidentate Iodine(III)-Based Halogen Donors: Surpassing the Activity of Strong Lewis Acids. Journal of Organic Chemistry, 2021, 86, 5317-5326.	3.2	41
81	Computational and Experimental Studies on the Mechanism of the Photochemical Carbonylation of Group 6 Fischer Carbene Complexes. Chemistry - A European Journal, 2005, 11, 5988-5996.	3.3	40
82	Carbocyclization versus Oxycyclization on the Metal-Catalyzed Reactions of Oxyallenyl C3-Linked Indoles. Journal of Organic Chemistry, 2013, 78, 6688-6701.	3.2	39
83	Unusual Metalâ€“Metal Bonding in a Dinuclear Ptâ€“Au Complex: Snapshot of a Transmetalation Process. Angewandte Chemie - International Edition, 2016, 55, 6978-6982.	13.8	39
84	Parent Thioketene Sâ€Oxide H₂CCSO: Gasâ€Phase Generation, Structure, and Bonding Analysis. Chemistry - A European Journal, 2017, 23, 16566-16573.	3.3	39
85	The Valence Orbitals of the Alkalineâ€Earth Atoms. Chemistry - A European Journal, 2020, 26, 14194-14210.	3.3	39
86	Hyperconjugative Stabilization in Alkyl Carbocations:â€‰ Direct Estimate of the Î²-Effect of Group-14 Elements. Journal of Physical Chemistry A, 2007, 111, 8028-8035.	2.5	38
87	DFT Study of Thermal 1,3-Dipolar Cycloaddition Reactions between Alkynyl Metal(0) Fischer Carbene Complexes and 3H-1,2-Dithiole-3-thione Derivatives. Organometallics, 2011, 30, 466-476.	2.3	38
88	One-Pot Synthesis of 1,3,5-Triazine Derivatives via Controlled Cross-Cyclotrimerization of Nitriles: A Mechanism Approach. Journal of Organic Chemistry, 2014, 79, 7012-7024.	3.2	38
89	Light-Induced Aminocarbene to Imine Dyotropic Rearrangement in a Chromium(0) Center:â€‰ An Unprecedented Reaction Pathway. Journal of the American Chemical Society, 2003, 125, 9572-9573.	13.7	37
90	Stereoelectronic Effects on Type I 1,2-Dyotropic Rearrangements in Vicinal Dibromides. Chemistry - A European Journal, 2006, 12, 6323-6330.	3.3	37

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91	Controlling the Ambiphilic Nature of Ïƒ-Arylpalladium Intermediates in Intramolecular Cyclization Reactions. Accounts of Chemical Research, 2014, 47, 168-179.	15.6	37
92	Siteâ€selective Synthesis of Î²â€[70]PCBMâ€like Fullerenes: Efficient Application in Perovskite Solar Cells. Chemistry - A European Journal, 2019, 25, 3224-3228.	3.3	37
93	Bifunctional Hydrogen Bond Donorâ€Catalyzed Dielsâ€“Alder Reactions: Origin of Stereoselectivity and Rate Enhancement. Chemistry - A European Journal, 2021, 27, 5180-5190.	3.3	37
94	Steric versus Electronic Effects in the Structure of Heteroatom (S and O)-Substituted Free and Metal (Cr and W)-Complexed Carbenes. Organometallics, 2007, 26, 5854-5858.	2.3	36
95	Intramolecular Pd(0)-Catalyzed Reactions of (2-Iodoanilino)-aldehydes: A Joint Experimentalâ€“Computational Study. Journal of Organic Chemistry, 2012, 77, 10272-10284.	3.2	36
96	Factors Controlling Î²â€Elimination Reactions in Groupâ€...10 Metal Complexes. Chemistry - A European Journal, 2015, 21, 14362-14369.	3.3	36
97	Elongated Ïƒ-Borane versus Ïƒ-Borane in Pincerâ€“POPâ€“Osmium Complexes. Organometallics, 2017, 36, 2298-2307.	2.3	36
98	Ring Expansion of Bicyclic Methyleneaziridines via Concerted, Near-Barrierless [2,3]-Stevens Rearrangements of Aziridinium Ylides. ACS Catalysis, 2018, 8, 7907-7914.	11.2	36
99	Ï€-Stacking Effect on Levoglucosenone Derived Internal Chiral Auxiliaries. A Case of Complete Enantioselectivity Inversion on the Dielsâ€'Alder Reaction. Organic Letters, 2008, 10, 3389-3392.	4.6	35
100	Trapping Intermediates in an [8 + 2] Cycloaddition Reaction with the Help of DFT Calculations. Organic Letters, 2011, 13, 2892-2895.	4.6	35
101	Effects of Attractive Through Space Ï€â€“Ï€* Interactions on the Structure, Reactivity, and Activity of Grubbs II Complexes. Organometallics, 2012, 31, 1155-1160.	2.3	35
102	Reactivity in Nucleophilic Vinylic Substitution (SNV):SNVÏ€ versus SNVÏƒ Mechanistic Dichotomy. Journal of Organic Chemistry, 2013, 78, 8574-8584.	3.2	35
103	Unveiling the uncatalyzed reaction of alkynes with 1,2-dipoles for the room temperature synthesis of cyclobutenes. Chemical Communications, 2015, 51, 3395-3398.	4.1	35
104	Structure and Bonding of [Eâ€'Cpâ€'Eâ€²]+ Complexes (E and Eâ€² = Bâ€'Tl; Cp = Cyclopentadienyl). Organometallics, 2008, 27, 1106-1111.	2.3	34
105	Origin of Reactivity Trends of Noble Gas Endohedral Fullerenes Ng₂@C₆₀ (Ng) Tj ETQq1 1 0.784314 rgBT /	5.3	34
106	Osmium(II)â€“Bis(dihydrogen) Complexes Containing C_{aryl},C_{NHC}â€“Chelate Ligands: Preparation, Bonding Situation, and Acidity. Organometallics, 2015, 34, 778-789.	2.3	34
107	Influence of the Lewis Acid/Base Pairs on the Reactivity of Geminal Eâ€CH₂â€Eâ€² Frustrated Lewis Pairs. Chemistry - A European Journal, 2018, 24, 17823-17831.	3.3	34
108	Ï€-Conjugation in donor-substituted cyanoethynylethenes: an EDA study. Chemical Communications, 2006, , 5030-5032.	4.1	33

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109	Understanding the Reactivity of Ionâ€Encapsulated Fullerenes. Chemistry - A European Journal, 2017, 23, 11030-11036.	3.3	33
110	Evidence for a Bis(Elongated ϊƒ)-Dihydrideborate Coordinated to Osmium. Inorganic Chemistry, 2018, 57, 4482-4491.	4.0	33
111	Aromaticity can enhance the reactivity of P-donor/borole frustrated Lewis pairs. Chemical Communications, 2019, 55, 675-678.	4.1	33
112	Helically Arranged Chiral Molecular Nanographenes. Journal of the American Chemical Society, 2021, 143, 11864-11870.	13.7	33
113	Synthesis and Electrochemical Properties of Novel Tetrametallic Macrocyclic Fischer Carbene Complexes. Organic Letters, 2003, 5, 1237-1240.	4.6	32
114	Versatile Synthesis of Polyfunctionalized Carbazoles from (3-Iodoindol-2-yl)butynols via a Gold-Catalyzed Intramolecular Iodine-Transfer Reaction. ACS Catalysis, 2015, 5, 3417-3421.	11.2	32
115	A Oneâ€Pot Synthesis of Nâ€Arylâ€2â€Oxazolidinones and Cyclic Urethanes by the Lewis Base Catalyzed Fixation of Carbon Dioxide into Anilines and Bromoalkanes. Chemistry - A European Journal, 2016, 22, 10355-10359.	3.3	32
116	Hydrogenation of Multiple Bonds by Geminal Aminoboraneâ€Based Frustrated Lewis Pairs. Chemistry - A European Journal, 2018, 24, 8833-8840.	3.3	32
117	A dipyrromethane-based diphosphaneâ€“germylene as precursor to tetrahedral copper(<scp>i</scp>) and T-shaped silver(<scp>i</scp>) and gold(<scp>i</scp>) PGeP pincer complexes. Dalton Transactions, 2019, 48, 13273-13280.	3.3	32
118	Substituent Effects on the Electrochemical, Spectroscopic, and Structural Properties of Fischer Mono- and Biscarbene Complexes of Chromium(0). Inorganic Chemistry, 2013, 52, 6674-6684.	4.0	31
119	A gold-catalysed imineâ€“propargylamine cascade sequence: synthesis of 3-substituted-2,5-dimethylpyrazines and the reaction mechanism. Chemical Communications, 2014, 50, 4567-4570.	4.1	31
120	Synthesis of the ABC fragment of calyciphylline A-type Daphniphyllum alkaloids. Tetrahedron, 2015, 71, 3642-3651.	1.9	31
121	Reactivity and Selectivity of Bowlâ€Shaped Polycyclic Aromatic Hydrocarbons: Relationship to C₆₀. Chemistry - A European Journal, 2016, 22, 1368-1378.	3.3	31
122	Stable Pentacoordinate Carbocations: Structure and Bonding. Chemistry - A European Journal, 2007, 13, 8620-8626.	3.3	30
123	Organometallic Chemistry of Ga⁺: Formation of an Unusual Gallium Dimer in the Coordination Sphere of Ruthenium. Chemistry - A European Journal, 2008, 14, 10789-10796.	3.3	30
124	Deeper Insight into the Mechanism of the Reaction of Photogenerated Metallaketenes and Imines. Journal of the American Chemical Society, 2008, 130, 13892-13899.	13.7	30
125	Striking Alkenol Versus Allenol Reactivity: Metalâ€Catalyzed Chemodifferentiating Oxycyclization of Enallenols. Chemistry - A European Journal, 2011, 17, 15005-15013.	3.3	30
126	Osmium-Promoted Dehydrogenation of Amineâ€“Boranes and Bâ€“H Bond Activation of the Resulting Aminoâ€“Boranes. Organometallics, 2014, 33, 1104-1107.	2.3	30

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127	Synthesis and Photophysical Properties of Tâ€Shaped Coinageâ€Metal Complexes. Chemistry - A European Journal, 2020, 26, 6993-6998.	3.3	30
128	Cationic Dihydride Boryl and Dihydride Silyl Osmium(IV) NHC Complexes: A Marked Diagonal Relationship. Organometallics, 2013, 32, 2744-2752.	2.3	29
129	Tuning the Photophysical Properties of BODIPY Molecules by Ï€â€Conjugation with Fischer Carbene Complexes. Chemistry - A European Journal, 2014, 20, 1367-1375.	3.3	29
130	Hydroboration and Hydrogenation of an Osmiumâ€“Carbon Triple Bond: Osmium Chemistry of a Bis-Ïƒ-Borane. Organometallics, 2015, 34, 547-550.	2.3	29
131	Azole Assisted Câ€“H Bond Activation Promoted by an Osmium-Polyhydride: Discerning between N and NH. Organometallics, 2015, 34, 1898-1910.	2.3	29
132	Effect of Lewis acid bulkiness on the stereoselectivity of Dielsâ€“Alder reactions between acyclic dienes and Î±,Î²-enals. Organic Chemistry Frontiers, 2017, 4, 1390-1399.	4.5	29
133	Electrochemical illumination of thienyl and ferrocenyl chromium(0) Fischer carbene complexes. Dalton Transactions, 2013, 42, 5367.	3.3	28
134	On the incidence of non-covalent intramolecular interligand interactions on the conformation of carbene complexes: a case study. Dalton Transactions, 2013, 42, 898-901.	3.3	28
135	Gold-catalyzed oxycyclization of allenic carbamates: expeditious synthesis of 1,3-oxazin-2-ones. Beilstein Journal of Organic Chemistry, 2013, 9, 818-826.	2.2	28
136	Buckyball Difluoride F₂^{â^'}@C₆₀⁺â€"A Singleâ€Molecule Crystal. Angewandte Chemie - International Edition, 2018, 57, 13931-13934.	13.8	28
137	EDA Study of Ï€-Conjugation in Tunable Bis(gem-diethynylethene) Fluorophores. Journal of Organic Chemistry, 2007, 72, 7367-7372.	3.2	27
138	Consistent Aromaticity Evaluations of Methylenecyclopropene Analogues. Journal of Organic Chemistry, 2010, 75, 8252-8257.	3.2	27
139	Peroxide bond strength of antimalarial drugs containing an endoperoxide cycle. Relation with biological activity. Organic and Biomolecular Chemistry, 2011, 9, 4098.	2.8	27
140	Understanding the Reactivity of Planar Polycyclic Aromatic Hydrocarbons: Towards the Graphene Limit. Chemistry - A European Journal, 2016, 22, 10572-10580.	3.3	27
141	Bimetallic scorpionate-based helical organoaluminum complexes for efficient carbon dioxide fixation into a variety of cyclic carbonates. Catalysis Science and Technology, 2020, 10, 3265-3278.	4.1	27
142	Regioselective and Stepwise [8 + 2] Cycloaddition Reaction between Alkynylâ€“Fischer Carbene Complexes and Tropothione. Journal of Organic Chemistry, 2012, 77, 6648-6652.	3.2	26
143	Palladium-catalyzed carbocyclizationâ€“cross-coupling reactions of two different allenic moieties: synthesis of 3-(buta-1,3-dienyl) carbazoles and mechanistic insights. Chemical Communications, 2012, 48, 6604.	4.1	26
144	Influence of the Transitionâ€Metal Fragment on the Reactivity of Metallaanthracenes. Chemistry - A European Journal, 2017, 23, 6634-6642.	3.3	26

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145	Understanding the Effect of Î±-Cationic Phosphines and Group 15 Analogues on Ï€-Acid Catalysis. Organometallics, 2017, 36, 460-466.	2.3	26
146	A Germylene Supported by Two 2â€Pyrrolylphosphane Groups as Precursor to PGeP Pincer Squareâ€Planar Groupâ€…10 Metal(II) and Tâ€Shaped Gold(I) Complexes. Chemistry - A European Journal, 2019, 25, 12423-12430.	3.3	26
147	Carbones and Heavier Ylidones (EL₂) in Frustrated Lewis Pair Chemistry: Influence of the Nature of EL₂ on Dihydrogen Activation. Inorganic Chemistry, 2019, 58, 7828-7836.	4.0	26
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