

# Israel Fernandez

## List of Publications by Citations

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329  
papers

9,012  
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49  
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72  
g-index

390  
ext. papers

10,357  
ext. citations

6.8  
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6.89  
L-index

#	Paper	IF	Citations
329	The activation strain model and molecular orbital theory: understanding and designing chemical reactions. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 4953-67	58.5	455
328	Structural evidence for antiaromaticity in free boroles. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1951-4	16.4	157
327	Aromaticity of metallabenzenes and related compounds. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 6452-63	58.5	137
326	Dyotropic reactions: mechanisms and synthetic applications. <i>Chemical Reviews</i> , <b>2009</b> , 109, 6687-711	68.1	134
325	Aromaticity in metallabenzenes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5873-84	4.8	132
324	Allenes and computational chemistry: from bonding situations to reaction mechanisms. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 3041-105	58.5	129
323	Direct estimate of conjugation and aromaticity in cyclic compounds with the EDA method. <i>Faraday Discussions</i> , <b>2007</b> , 135, 403-21; discussion 489-506	3.6	114
322	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6774-6779	16.4	112
321	Rate-determining factors in nucleophilic aromatic substitution reactions. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 2971-80	4.2	111
320	Direct estimate of the strength of conjugation and hyperconjugation by the energy decomposition analysis method. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3617-29	4.8	109
319	Exocyclic delocalization at the expense of aromaticity in 3,5-bis(pi-donor) substituted pyrazolium ions and corresponding cyclic bent allenes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11875-81	16.4	108
318	Multimetallocenes. A Theoretical Study. <i>Organometallics</i> , <b>2007</b> , 26, 4731-4736	3.8	102
317	Aromaticity in transition structures. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 4909-21	58.5	98
316	Extended Corannulene-Based Nanographenes: Selective Formation of Negative Curvature. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17188-17196	16.4	89
315	Why do cycloaddition reactions involving C60 prefer [6,6] over [5,6] bonds?. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7416-22	4.8	88
314	Description of aromaticity in porphyrinoids. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 315-21	16.4	84
313	Alder-ene reaction: aromaticity and activation-strain analysis. <i>Journal of Computational Chemistry</i> , <b>2012</b> , 33, 509-16	3.5	83

312	Correlation between Hammett substituent constants and directly calculated pi-conjugation strength. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2251-6	4.2	82
311	Aromaticity and activation strain analysis of [3 + 2] cycloaddition reactions between group 14 heteroallenes and triple bonds. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 2310-4	4.2	80
310	Twelve one-electron ligands coordinating one metal center: structure and bonding of [Mo(ZnCH3)9(ZnCp*)3]. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 9150-4	16.4	78
309	Borylene-based direct functionalization of organic substrates: synthesis, characterization, and photophysical properties of novel pi-conjugated borirenes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 8989-99	16.4	77
308	Combined activation strain model and energy decomposition analysis methods: a new way to understand pericyclic reactions. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 7662-71	3.6	73
307	Substituent effects on "hyperconjugative" aromaticity and antiaromaticity in planar cyclopolyenes. <i>Organic Letters</i> , <b>2013</b> , 15, 2990-3	6.2	73
306	Nickel-catalyzed [3+2+2] cycloadditions between alkynylidenecyclopropanes and activated alkenes. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9886-90	16.4	73
305	Double group transfer reactions: role of activation strain and aromaticity in reaction barriers. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 13022-32	4.8	72
304	Type-I dyotropic reactions: understanding trends in barriers. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12395-403	4.8	71
303	Struktureller Nachweis der Antiaromatizität in freien Borolen. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 1977-1980	3.6	71
302	The interplay between steric and electronic effects in S(N)2 reactions. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 2166-75	4.8	68
301	Origin of the "endo rule" in Diels-Alder reactions. <i>Journal of Computational Chemistry</i> , <b>2014</b> , 35, 371-6	3.5	66
300	A Theoretical/Experimental Approach to the Mechanism of the Photocarbonylation of Chromium(0) (Fischer) Carbene Complexes and Their Reaction with Imines. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11509-11510	16.4	65
299	Fascinating reactivity in gold catalysis: synthesis of oxetenes through rare 4-exo-dig allene cyclization and infrequent hydride elimination. <i>Chemical Communications</i> , <b>2011</b> , 47, 9054-6	5.8	64
298	Photochemistry of group 6 Fischer carbene complexes: beyond the photocarbonylation reaction. <i>Accounts of Chemical Research</i> , <b>2011</b> , 44, 479-90	24.3	64
297	Synthesis and characterisation of [6]-azaosmahelicenes: the first d4-heterometallic helices. <i>Chemical Communications</i> , <b>2012</b> , 48, 5328-30	5.8	61
296	Molecular alloys, linking organometallics with intermetallic Hume-Rothery phases: the highly coordinated transition metal compounds [M(ZnR)(n)] (n > or = 8) containing organo-zinc ligands. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16063-77	16.4	61
295	Synthesis and electronic structure of a ferroborene. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5215-8	16.4	61

294	Controlling the oxidative addition of aryl halides to Au(I). <i>Journal of Computational Chemistry</i> , <b>2014</b> , 35, 2140-5	3.5	58
293	Is it possible to synthesize a neutral noble gas compound containing a Ng-Ng bond? A theoretical study of H-Ng-Ng-F (Ng = Ar, Kr, Xe). <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 366-9	16.4	58
292	"Naked" Ga <sup>+</sup> and In <sup>+</sup> as pure acceptor ligands: structure and bonding of [GaPt(GaCp*) <sub>4</sub> ][BARF]. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5207-10	16.4	56
291	Synthesis of a Helical Bilayer Nanographene. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6890-6895	3.6	55
290	How Dihalogens Catalyze Michael Addition Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8922-8926	16.4	54
289	How Lewis Acids Catalyze Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6201-6206	16.4	54
288	In-plane aromaticity in double group transfer reactions. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 1488-91	4.2	54
287	Concerted and stepwise mechanisms in metal-free and metal-assisted [4+3] cycloadditions involving allyl cations. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12147-57	4.8	52
286	Divergent pathways in the reaction of Fischer carbenes and palladium. <i>Organic Letters</i> , <b>2007</b> , 9, 1757-9	6.2	52
285	Regio- and diastereoselective stepwise [8 + 3]-Cycloaddition reaction between tropone derivatives and donor-acceptor cyclopropanes. <i>Organic Letters</i> , <b>2013</b> , 15, 4928-31	6.2	51
284	Do $\nu(\text{CO})$ stretching frequencies in metal carbonyl complexes unequivocally correlate with the intrinsic electron-donicity of ancillary ligands?. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 6602-5	4.8	51
283	Structure and Conformations of Heteroatom-Substituted Free Carbenes and Their Group 6 Transition Metal Analogues. <i>Organometallics</i> , <b>2004</b> , 23, 1065-1071	3.8	51
282	Computational and experimental tools in solving some mechanistic problems in the chemistry of Fischer carbene complexes. <i>Chemical Communications</i> , <b>2008</b> , 4671-82	5.8	50
281	Ene-ene-yne reactions: activation strain analysis and the role of aromaticity. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 10791-801	4.8	49
280	Electronic structure of alkoxychromium(0) carbene complexes: a joint TD-DFT/experimental study. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 5253-8	5.1	48
279	Why Cyclooctatetraene Is Highly Stabilized: The Importance of "Two-Way" (Double) Hyperconjugation. <i>Journal of Chemical Theory and Computation</i> , <b>2012</b> , 8, 1280-7	6.4	47
278	DFT study on the Diels-Alder cycloaddition between alkenyl-M(0) (M = Cr, W) carbene complexes and neutral 1,3-dienes. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 2083-9	4.2	44
277	Transmetalation reactions from Fischer carbene complexes to late transition metals: a DFT study. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 11222-30	4.8	44

276	Aromaticity in Group 14 homologues of the cyclopropenyl cation. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2215-24	4.8	43
275	Understanding the reactivity of endohedral metallofullerenes: C <sub>78</sub> versus Sc <sub>3</sub> N@C <sub>78</sub> . <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5760-8	4.8	42
274	Barium as Honorary Transition Metal in Action: Experimental and Theoretical Study of Ba(CO) and Ba(CO). <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3974-3980	16.4	42
273	Gold-catalysed tuning of reactivity in allenes: 9-endo hydroarylation versus formal 5-exo hydroalkylation. <i>Chemical Communications</i> , <b>2013</b> , 49, 1282-4	5.8	41
272	Noyori hydrogenation: aromaticity, synchronicity, and activation strain analysis. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 5669-76	4.2	41
271	Multiple C-H Bond Activation of Phenyl-Substituted Pyrimidines and Triazines Promoted by an Osmium Polyhydride: Formation of Osmapolycycles with Three, Five, and Eight Fused Rings. <i>Organometallics</i> , <b>2010</b> , 29, 976-986	3.8	40
270	Mechanism of the Generation of KetenimineM(CO) <sub>n</sub> Complexes (M = Cr, W, Fe) from Fischer Carbenes and Isocyanides. <i>Organometallics</i> , <b>2007</b> , 26, 3010-3017	3.8	40
269	Effect of the metal fragment in the thermal cycloaddition between alkynyl metal(0) Fischer carbene complexes and nitrones. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6178-84	4.2	40
268	Deeper Insight into the Factors Controlling H Activation by Geminal Aminoborane-Based Frustrated Lewis Pairs. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18801-18809	4.8	39
267	Deeper Insight into the Diels-Alder Reaction through the Activation Strain Model. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 3297-3304	4.5	39
266	Nickel-catalyzed intramolecular [3 + 2 + 2] cycloadditions of alkylidenecyclopropanes. A straightforward entry to fused 6,7,5-tricyclic systems. <i>Organic Letters</i> , <b>2014</b> , 16, 5008-11	6.2	39
265	Transition metal-catalysed (4 + 3) cycloaddition reactions involving allyl cations. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 699-704	3.9	39
264	Neutral noble gas compounds exhibiting a Xe-Xe bond: structure, stability and bonding situation. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 14869-77	3.6	39
263	Computational and experimental studies on the mechanism of the photochemical carbonylation of group 6 Fischer carbene complexes. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5988-96	4.8	39
262	Synthesis of oxaspiranic compounds through [3 + 2] annulation of cyclopropanones and donor-acceptor cyclopropanes. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 1207-13	4.2	38
261	Activation-strain analysis reveals unexpected origin of fast reactivity in heteroaromatic azadiene inverse-electron-demand diels-alder cycloadditions. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 548-58	4.2	38
260	A Hemilabile and Cooperative N-Donor-Functionalized 1,2,3-Triazol-5-Ylidene Ligand for Alkyne Hydrothiolation Reactions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1393-1401	4.8	38
259	Controlling the ambiphilic nature of $\eta^3$ -allylpalladium intermediates in intramolecular cyclization reactions. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 168-79	24.3	37

- 258 Carbocyclization versus oxycyclization on the metal-catalyzed reactions of oxyallenyl C3-linked indoles. *Journal of Organic Chemistry*, **2013**, 78, 6688-701 4.2 37
- 257 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 3.8 37
- 256 Carbon dioxide-based facile synthesis of cyclic carbamates from amino alcohols. *Chemical Communications*, **2018**, 54, 3166-3169 5.8 36
- 255 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 3.8 36
- 254 Intramolecular Pd(0)-catalyzed reactions of (2-iodoanilino)-aldehydes: a joint experimental-computational study. *Journal of Organic Chemistry*, **2012**, 77, 10272-84 4.2 35
- 253 Rhodium-catalyzed intramolecular [3+2+2] cycloadditions between alkylidenecyclopropanes, alkynes, and alkenes. *Chemistry - A European Journal*, **2014**, 20, 10255-9 4.8 34
- 252 Pi-stacking effect on levoglucosenone derived internal chiral auxiliaries. A case of complete enantioselectivity inversion on the Diels-Alder reaction. *Organic Letters*, **2008**, 10, 3389-92 6.2 34
- 251 Light-induced aminocarbene to imine dyotropic rearrangement in a chromium(0) center: an unprecedented reaction pathway. *Journal of the American Chemical Society*, **2003**, 125, 9572-3 16.4 34
- 250 Osmium(II)Bis(dihydrogen) Complexes Containing Caryl,CNHCCHelate Ligands: Preparation, Bonding Situation, and Acidity. *Organometallics*, **2015**, 34, 778-789 3.8 33
- 249 Hyperconjugative stabilization in alkyl carbocations: direct estimate of the beta-effect of group-14 elements. *Journal of Physical Chemistry A*, **2007**, 111, 8028-35 2.8 33
- 248 Palladium-Catalyzed Intramolecular Carbene Insertion into C(sp<sup>3</sup>)-H Bonds. *Angewandte Chemie - International Edition*, **2016**, 55, 6467-70 16.4 33
- 247 Unusual Metal-Metal Bonding in a Dinuclear Pt-Au Complex: Snapshot of a Transmetalation Process. *Angewandte Chemie - International Edition*, **2016**, 55, 6978-82 16.4 32
- 246 Origin of Reactivity Trends of Noble Gas Endohedral Fullerenes Ng<sub>2</sub>@C<sub>60</sub> (Ng = He to Xe). *Journal of Chemical Theory and Computation*, **2014**, 10, 3863-70 6.4 32
- 245 Effects of Attractive Through Space  $\pi$  Interactions on the Structure, Reactivity, and Activity of Grubbs II Complexes. *Organometallics*, **2012**, 31, 1155-1160 3.8 32
- 244 Trapping intermediates in an [8 + 2] cycloaddition reaction with the help of DFT calculations. *Organic Letters*, **2011**, 13, 2892-5 6.2 32
- 243 Structure and Bonding of [E $\pi$ P $\eta$ ]<sup>+</sup> Complexes (E and E' = B $\pi$ ; Cp = Cyclopentadienyl). *Organometallics*, **2008**, 27, 1106-1111 3.8 32
- 242 NacktesGa<sup>+</sup> und In<sup>+</sup> als reine Acceptorliganden: Struktur und Bindungsverhältnisse von [GaPt(GaCp\*)<sub>4</sub>][BARF]. *Angewandte Chemie*, **2006**, 118, 5331-5334 3.6 32
- 241 Pi-conjugation in donor-substituted cyanoethynylethenes: an EDA study. *Chemical Communications*, **2006**, 5030-2 5.8 32

240	Reactivity in nucleophilic vinylic substitution (S(N)V):S(N)V versus S(N)V mechanistic dichotomy. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 8574-84	4.2	31
239	Factors controlling $\beta$ -elimination reactions in group 10 metal complexes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14362-9	4.8	31
238	Zwei Einelektronenliganden koordinieren an ein Metallzentrum: Struktur und Bindung von [Mo(ZnCH <sub>3</sub> ) <sub>9</sub> (ZnCp*) <sub>3</sub> ]. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 9290-9295	3.6	31
237	Reactivity and Selectivity of Bowl-Shaped Polycyclic Aromatic Hydrocarbons: Relationship to C <sub>60</sub> . <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1368-78	4.8	31
236	Synthesis and electrochemical properties of novel tetrametallic macrocyclic Fischer carbene complexes. <i>Organic Letters</i> , <b>2003</b> , 5, 1237-40	6.2	30
235	Ring Expansion of Bicyclic Methyleneaziridines via Concerted, Near-Barrierless [2,3]-Stevens Rearrangements of Aziridinium Ylides. <i>ACS Catalysis</i> , <b>2018</b> , 8, 7907-7914	13.1	29
234	Osmium-Promoted Dehydrogenation of Amine Boranes and B-H Bond Activation of the Resulting Amino Boranes. <i>Organometallics</i> , <b>2014</b> , 33, 1104-1107	3.8	29
233	Substituent effects on the electrochemical, spectroscopic, and structural properties of Fischer mono- and biscarbene complexes of chromium(0). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6674-84	5.1	29
232	Striking alkenol versus allenol reactivity: metal-catalyzed chemodifferentiating oxycyclization of enallenols. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 15005-13	4.8	29
231	Stereoelectronic effects on type I 1,2-dyotropic rearrangements in vicinal dibromides. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6323-30	4.8	29
230	Understanding the Reactivity of Ion-Encapsulated Fullerenes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11030-11036	4.8	28
229	Tuning the photophysical properties of BODIPY molecules by $\pi$ -conjugation with Fischer carbene complexes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1367-75	4.8	28
228	Synthese und Elektronenstruktur eines Ferroborens. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 5307-5310	3.6	28
227	Elongated $\pi$ -Borane versus $\sigma$ -Borane in Pincer-BOP-Osmium Complexes. <i>Organometallics</i> , <b>2017</b> , 36, 2298-2307	3.8	27
226	Synthesis of the ABC fragment of calyciphylline A-type Daphniphyllum alkaloids. <i>Tetrahedron</i> , <b>2015</b> , 71, 3642-3651	2.4	27
225	Electrochemical illumination of thienyl and ferrocenyl chromium(0) Fischer carbene complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 5367-78	4.3	27
224	Parent Thioketene S-Oxide HCCSO: Gas-Phase Generation, Structure, and Bonding Analysis. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16566-16573	4.8	27
223	Unveiling the uncatalyzed reaction of alkynes with 1,2-dipoles for the room temperature synthesis of cyclobutenes. <i>Chemical Communications</i> , <b>2015</b> , 51, 3395-8	5.8	27

- 222 On the incidence of non-covalent intramolecular interligand interactions on the conformation of carbene complexes: a case study. *Dalton Transactions*, **2013**, 42, 898-901 4.3 27
- 221 Deeper insight into the mechanism of the reaction of photogenerated metallaketenes and imines. *Journal of the American Chemical Society*, **2008**, 130, 13892-9 16.4 27
- 220 Organometallic chemistry of Ga(+): formation of an unusual gallium dimer in the coordination sphere of ruthenium. *Chemistry - A European Journal*, **2008**, 14, 10789-96 4.8 27
- 219 Effect of Lewis acid bulkiness on the stereoselectivity of Diels-Alder reactions between acyclic dienes and dienals. *Organic Chemistry Frontiers*, **2017**, 4, 1390-1399 5.2 26
- 218 Azole Assisted C-H Bond Activation Promoted by an Osmium-Polyhydride: Discerning between N and NH. *Organometallics*, **2015**, 34, 1898-1910 3.8 26
- 217 A gold-catalysed imine-propargylamine cascade sequence: synthesis of 3-substituted-2,5-dimethylpyrazines and the reaction mechanism. *Chemical Communications*, **2014**, 50, 4567-70 5.8 26
- 216 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 13.1 26
- 215 Nickel-Catalyzed [3+2+2] Cycloadditions between Alkynylidencyclopropanes and Activated Alkenes. *Angewandte Chemie*, **2010**, 122, 10082-10086 3.6 26
- 214 Homo and Hetero Molecular 3D Nanographenes Employing a Cyclooctatetraene Scaffold. *Journal of the American Chemical Society*, **2020**, 142, 4162-4172 16.4 26
- 213 A One-Pot Synthesis of N-Aryl-2-Oxazolidinones and Cyclic Urethanes by the Lewis Base Catalyzed Fixation of Carbon Dioxide into Anilines and Bromoalkanes. *Chemistry - A European Journal*, **2016**, 22, 10355-9 4.8 26
- 212 Origin of the Anti-Markovnikov Hydroamination of Alkenes Catalyzed by LAu(I) Complexes: Coordination Mode Determines Regioselectivity. *ACS Catalysis*, **2019**, 9, 848-858 13.1 26
- 211 Site-selective Synthesis of [70]PCBM-like Fullerenes: Efficient Application in Perovskite Solar Cells. *Chemistry - A European Journal*, **2019**, 25, 3224-3228 4.8 26
- 210 Understanding the reactivity of polycyclic aromatic hydrocarbons and related compounds. *Chemical Science*, **2020**, 11, 3769-3779 9.4 25
- 209 Origin of rate enhancement and asynchronicity in iminium catalyzed Diels-Alder reactions. *Chemical Science*, **2020**, 11, 8105-8112 9.4 25
- 208 One-pot synthesis of 1,3,5-triazine derivatives via controlled cross-cyclotrimerization of nitriles: a mechanism approach. *Journal of Organic Chemistry*, **2014**, 79, 7012-24 4.2 25
- 207 Regioselective and stepwise [8 + 2] cycloaddition reaction between alkynyl-Fischer carbene complexes and tropothione. *Journal of Organic Chemistry*, **2012**, 77, 6648-52 4.2 25
- 206 Cationic Dihydride Boryl and Dihydride Silyl Osmium(IV) NHC Complexes: A Marked Diagonal Relationship. *Organometallics*, **2013**, 32, 2744-2752 3.8 25
- 205 Synthesis, structure, and electronic properties of extended  $\pi$ -conjugated Group 6 Fischer alkoxy-bis(carbene) complexes. *Chemistry - A European Journal*, **2013**, 19, 5899-908 4.8 24



204	Peroxide bond strength of antimalarial drugs containing an endoperoxide cycle. Relation with biological activity. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 4098-107	3.9	24
203	EDA study of pi-conjugation in tunable Bis(gem-diethynylethene) fluorophores. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 7367-72	4.2	24
202	Stable pentacoordinate carbocations: structure and bonding. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8620-6	4.8	24
201	The photochemical reactivity of the "photo-inert" tungsten (Fischer) carbene complexes. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 45, 125-8	16.4	24
200	Unexpected reaction pathways in the reaction of alkoxyalkynylchromium(0) carbenes with aromatic dinucleophiles. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 4943-53	4.8	24
199	Understanding the Reactivity of Planar Polycyclic Aromatic Hydrocarbons: Towards the Graphene Limit. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 10572-80	4.8	24
198	Understanding the Effect of $\pi$ -Cationic Phosphines and Group 15 Analogues on $\pi$ -Acid Catalysis. <i>Organometallics</i> , <b>2017</b> , 36, 460-466	3.8	23
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