Miquel SolÃ

List of Publications by Year
in descending order

469 papers	20,593 citations	11908 72 h-index	23173 116 g-index
515 all docs	515 docs citations	515 times ranked	12536 citing authors

#	Article	IF	Citations
1	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie, 2022, 134, .	1.6	9
2	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie - International Edition, 2022, 61, .	7.2	48
3	Effect of Diamine Bridge on Reactivity of Tetradentate ONNO Nickel(II) Complexes. ChemPhysChem, 2022, 23, .	1.0	0
4	Enhancing the Catalytic Performance of Group I, II Metal Halides in the Cycloaddition of CO₂ to Epoxides under Atmospheric Conditions by Cooperation with Homogeneous and Heterogeneous Highly Nucleophilic Aminopyridines: Experimental and Theoretical Study. Journal of Organic Chemistry, 2022, 87, 2873-2886.	1.7	25
5	Path-dependency of energy decomposition analysis & the elusive nature of bonding. Physical Chemistry Chemical Physics, 2022, 24, 2344-2348.	1.3	27
6	Nitrogen-doped molecular bowls as electron donors in photoinduced electron transfer reactions. Nanoscale Advances, 2022, 4, 2180-2188.	2.2	6
7	Aromaticity and Extrusion of Benzenoids Linked to [<i>o</i>â€COSAN]^{â^’}: Clar Has the Answer. Angewandte Chemie - International Edition, 2022, 61, .	7.2	12
8	Successive Dielsâ€“Alder Cycloadditions of Cyclopentadiene to [10]CPPâŠƒC₆₀: A Computational Study. Journal of Organic Chemistry, 2022, 87, 5149-5157.	1.7	6
9	Highly Selective Synthesis of Seven-Membered Azaspiro Compounds by a Rh(I)-Catalyzed Cycloisomerization/Dielsâ€“Alder Cascade of 1,5-Bisallenes. Journal of Organic Chemistry, 2022, 87, 5279-5286.	1.7	7
10	The importance of the bite angle of metal(III) salen catalysts in the sequestration of CO2 with epoxides in mild conditions. Green Chemical Engineering, 2022, 3, 180-187.	3.3	18
11	KnÃ¶lker Iron Catalysts for Hydrogenation Revisited: A Nonspectator Solvent and Fine-Tuning. Organometallics, 2022, 41, 1204-1215.	1.1	14
12	Three-Dimensional Fully Ï€-Conjugated Macrocycles: When 3D-Aromatic and When 2D-Aromatic-in-3D?. Journal of the American Chemical Society, 2022, 144, 8560-8575.	6.6	28
13	Cageâ€size effects on the encapsulation of <scp> P ₂ </scp> by fullerenes. Journal of Computational Chemistry, 2022, , .	1.5	1
14	The Hunter Falls Prey: Photoinduced Oxidation of C₆₀ in Inclusion Complex with Perfluorocycloparaphenylene. ChemPhysChem, 2022, 23, .	1.0	9
15	Aromaticity of Singlet and Triplet Boron Disk-like Clusters: A Test for Electron Counting Aromaticity Rules. Inorganic Chemistry, 2022, 61, 10116-10125.	1.9	3
16	Aromaticity rules. Nature Chemistry, 2022, 14, 585-590.	6.6	55
17	3D and 2D aromatic units behave like oil and water in the case of benzocarborane derivatives. Nature Communications, 2022, 13, .	5.8	23
18	Mechanistic Studies of Transition-Metal-Catalyzed [2 + 2 + 2] Cycloaddition Reactions. Chemical Reviews, 2021, 121, 1894-1979.	23.0	125

#	Article	IF	Citations
19	Aromaticity of nucleic acid bases. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2021, 11, e1509.	6.2	7
20	Cycloaddition of CO₂ to epoxides by highly nucleophilic 4-aminopyridines: establishing a relationship between carbon basicity and catalytic performance by experimental and DFT investigations. Organic Chemistry Frontiers, 2021, 8, 613-627.	2.3	50
21	Aromaticity Survival in Hydrofullerenes: The Case of C 66 H 4 with Its Ï€â€Aromatic Circuits. Chemistry - A European Journal, 2021, 27, 802-808.	1.7	9
22	An unprecedented Ï€-electronic circuit involving an odd number of carbon atoms in a grossly warped non-planar nanographene. Chemical Communications, 2021, 57, 3087-3090.	2.2	15
23	Photoinduced electron transfer in nano-Saturn complexes of fullerene. Physical Chemistry Chemical Physics, 2021, 23, 2126-2133.	1.3	8
24	EXCITED-STATE AROMATICITY FOR THE DESIGN OF NEW FUNCTIONAL MATERIALS. , 2021, , .		0
25	Acenes and phenacenes in their lowest-lying triplet states. Does kinked remain more stable than straight?. Physical Chemistry Chemical Physics, 2021, 23, 13574-13582.	1.3	18
26	Photoinduced electron transfer in mechanically interlocked suit[3]ane systems. Journal of Materials Chemistry C, 2021, 9, 9436-9445.	2.7	9
27	The electron density of delocalized bonds (EDDBs) as a measure of local and global aromaticity. , 2021, , 259-284.		11
28	The energy components of the extended transition state energy decomposition analysis are path functions: the case of water tetramer. Theoretical Chemistry Accounts, 2021, 140, 1.	0.5	8
29	Guidelines for Tuning the Excited State HÃ¼ckelâ€“Baird Hybrid Aromatic Character of Proâ€Aromatic Quinoidal Compounds**. Angewandte Chemie, 2021, 133, 10343-10353.	1.6	3
30	Guidelines for Tuning the Excited State HÃ¼ckelâ€“Baird Hybrid Aromatic Character of Proâ€Aromatic Quinoidal Compounds**. Angewandte Chemie - International Edition, 2021, 60, 10255-10265.	7.2	17
31	Efficient synthesis of amine-functionalized graphene oxide by ultrasound-assisted reactions and density functional theory mechanistic insight. Applied Nanoscience (Switzerland), 2021, 11, 1637-1649.	1.6	7
32	How Do Defects in Carbon Nanostructures Regulate the Photoinduced Electron Transfer Processes? The Case of Phenine Nanotubes. ChemPhysChem, 2021, 22, 1178-1186.	1.0	7
33	(Invited) Water-soluble fullerenes (C60 and C70) with photoinduced ROS generation. ECS Meeting Abstracts, 2021, MA2021-01, 618-618.	0.0	0
34	Double-Carrousel Mechanism for Mn-Catalyzed Dehydrogenative Amide Synthesis from Alcohols and Amines. ACS Catalysis, 2021, 11, 6155-6161.	5.5	19
35	Fluxional bis(phenoxy-imine) Zr and Ti catalysts for polymerization. Theoretical Chemistry Accounts, 2021, 140, 1.	0.5	2
36	Reactivity of Li+@C60@C240 and Photoinduced Charge Shift in Li+ Doped Giant Nested Fullerenes. ECS Meeting Abstracts, 2021, MA2021-01, 635-635.	0.0	0

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37	[10]CPPâ€Based Inclusion Complexes of Charged Fulleropyrrolidines. Effect of the Charge Location on the Photoinduced Electron Transfer. Chemistry - A European Journal, 2021, 27, 8737-8744.	1.7	10
38	Synthesis of Fused Dihydroazepine Derivatives of Fullerenes by a Rhâ€Catalyzed Cascade Process. Advanced Synthesis and Catalysis, 2021, 363, 3835-3844.	2.1	8
39	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. Applied Organometallic Chemistry, 2021, 35, e6362.	1.7	5
40	Unexpected Disparity in Photoinduced Reactions of C₆₀ and C₇₀ in Water with the Generation of O₂^{â€¢â€"} or ¹O₂. Jacs Au, 2021, 1, 1601-1611.	3.6	9
41	Predictive Catalysis in Olefin Metathesis with Ruâ€based Catalysts with Annulated C₆₀ Fullerenes in the Nâ€heterocyclic Carbenes. Chemistry - A European Journal, 2021, 27, 18074-18083.	1.7	3
42	Evaluation of charge-transfer rates in fullerene-based donorâ€"acceptor dyads with different density functional approximations. Physical Chemistry Chemical Physics, 2021, 23, 5376-5384.	1.3	18
43	The Relative Stability of Indole Isomers Is a Consequence of the Glidewell-Lloyd Rule. Journal of Physical Chemistry A, 2021, 125, 230-234.	1.1	16
44	Photoinduced electron transfer in non-covalent complexes of C60 and phosphangulene oxide derivatives. Dalton Transactions, 2021, 50, 16214-16222.	1.6	3
45	Cage^{â€"}Â·Â·Â·Cage^{â€"} Interaction: Boron Cluster-Based Noncovalent Bond and Its Applications in Solid-State Materials. Jacs Au, 2021, 1, 2047-2057.	3.6	5
46	Fast and Simple Evaluation of the Catalysis and Selectivity Induced by External Electric Fields. ACS Catalysis, 2021, 11, 14467-14479.	5.5	14
47	Reactivity of the superhalogen/superalkali ion encapsulating C₆₀ fullerenes. Dalton Transactions, 2021, 51, 203-210.	1.6	2
48	Cyclo[18]carbon: the smallest all-carbon electron acceptor. Chemical Communications, 2020, 56, 352-355.	2.2	78
49	Do Carbon Nanoâ€onions Behave as Nanoscopic Faraday Cages? Aâ€‰Comparison of the Reactivity of C₆₀, C₂₄₀, C₆₀@C₂₄₀, Li⁺@C₆₀, Li⁺@C₂₄₀, and Li⁺@C₆₀@C₂₄₀. Chemistry - A European Journal, 2020, 26, 804-808.	1.7	12
50	The influence of the pH on the reaction mechanism of water oxidation by a Ru(bda) catalyst. Catalysis Today, 2020, 358, 278-283.	2.2	9
51	Iodaneâ€Guided ortho Câ^'H Allylation. Angewandte Chemie, 2020, 132, 20376-20382.	1.6	2
52	Bingelâ€"Hirsch Addition of Diethyl Bromomalonate to Ionâ€Encapsulated Fullerenes M@C 60 (M=Ã˜, Li + ,) Tj ETQq0 0 0 rgBT /Overlock	1.7	6
53	Iodaneâ€Guided ortho Câ^'H Allylation. Angewandte Chemie - International Edition, 2020, 59, 20201-20207.	7.2	8
54	Probing the Origin of Adaptive Aromaticity in 16â€Valenceâ€Electron Metallapentalenes. Chemistry - A European Journal, 2020, 26, 12902-12902.	1.7	0

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55	Understanding the performance of a bisphosphonate Ru water oxidation catalyst. Dalton Transactions, 2020, 49, 14052-14060.	1.6	10
56	All-metal Baird aromaticity. Chemical Communications, 2020, 56, 12522-12525.	2.2	25
57	Photoinduced electron transfer in nanotubeâŠƒC₇₀ inclusion complexes: phenine <i>vs</i>. nanographene nanotubes. Chemical Communications, 2020, 56, 12624-12627.	2.2	16
58	Electron Transfer in a Li⁺-Doped Zn-Porphyrinâ€"[10]CPPâŠƒFullerene Junction and Charge-Separated Bands with Opposite Response to Polar Environments. Journal of Physical Chemistry B, 2020, 124, 9095-9102.	1.2	16
59	Covalent Functionalization of Single-Walled Carbon Nanotubes by the Bingel Reaction for Building Charge-Transfer Complexes. Journal of Organic Chemistry, 2020, 85, 11721-11731.	1.7	6
60	Analysis of the electronic delocalization in some isoelectronic analogues of B₁₂ doped with beryllium and/or carbon. Physical Chemistry Chemical Physics, 2020, 22, 12245-12259.	1.3	12
61	Triquinolineâ€•versus Fullereneâ€Based Cycloparaphenylene Ionic Complexes: Comparison of Photoinduced Chargeâ€Shift Reactions. Chemistry - A European Journal, 2020, 26, 10896-10902.	1.7	10
62	Substituted adenine quartets: interplay between substituent effect, hydrogen bonding, and aromaticity. RSC Advances, 2020, 10, 23350-23358.	1.7	6
63	Mechanism of the Facile Nitrous Oxide Fixation by Homogeneous Ruthenium Hydride Pincer Catalysts. Inorganic Chemistry, 2020, 59, 9374-9383.	1.9	14
64	Probing the Origin of Adaptive Aromaticity in 16â€Valenceâ€Electron Metallapentalenes. Chemistry - A European Journal, 2020, 26, 12964-12971.	1.7	28
65	Effect of Alkali Metal Cations on Length and Strength of Hydrogen Bonds in DNA Base Pairs. ChemPhysChem, 2020, 21, 2112-2126.	1.0	15
66	The nido â€Cageâ‹…â‹…â‹…Ï€ Bond: A Nonâ€covalent Interaction between Boron Clusters and Aromatic Rings and Its Applications. Angewandte Chemie, 2020, 132, 9103-9110.	1.6	7
67	The <i>nido</i>â€Cageâ‹…â‹…â‹…Ï€ Bond: A Nonâ€covalent Interaction between Boron Clusters and Aromatic Rings and Its Applications. Angewandte Chemie - International Edition, 2020, 59, 9018-9025.	7.2	32
68	Open-Circuit Voltage of Organic Photovoltaics: A Time-Dependent and Unrestricted DFT Study in a P3HT/PCBM Complex. Journal of Physical Chemistry A, 2020, 124, 1300-1305.	1.1	4
69	Too Persistent to Give Up: Aromaticity in Boron Clusters Survives Radical Structural Changes. Journal of the American Chemical Society, 2020, 142, 9396-9407.	6.6	145
70	(Invited) Reactivity of Li+@C60@C240 and Photoinduced Charge Shift in Li+ Doped Giant Nested Fullerenes. ECS Meeting Abstracts, 2020, MA2020-01, 809-809.	0.0	0
71	(Invited) Preparation of Open-Cage Fullerene Derivatives By Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C60: Synthesis, Computational Studies and Application in Perovskite Solar Cells. ECS Meeting Abstracts, 2020, MA2020-01, 786-786.	0.0	0
72	A Rh-Catalyzed Cycloisomerization/Dielsâ€"Alder Cascade Reaction of 1,5-Bisallenes for the Synthesis of Polycyclic Heterocycles. Organic Letters, 2019, 21, 6608-6613.	2.4	18

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73	Examining the Factors That Govern the Regioselectivity in Rhodium-Catalyzed Alkyne Cyclotrimerization. Organometallics, 2019, 38, 2853-2862.	1.1	34
74	Nine questions on energy decomposition analysis. Journal of Computational Chemistry, 2019, 40, 2248-2283.	1.5	113
75	Special Collection: Computational Chemistry. ChemistryOpen, 2019, 8, 814-816.	0.9	3
76	Mechanism of the Manganese-Pincer-Catalyzed Acceptorless Dehydrogenative Coupling of Nitriles and Alcohols. Journal of the American Chemical Society, 2019, 141, 2398-2403.	6.6	69
77	Hypsochromic solvent shift of the charge separation band in ionic donorâ€“acceptor Li⁺@C₆₀âŠ‚[10]CPP. Chemical Communications, 2019, 55, 11195-11198.	2.2	23
78	Exploiting the Aromatic Chameleon Character of Fulvenes for Computational Design of Bairdâ€Aromatic Triplet Ground State Compounds. Chemistry - an Asian Journal, 2019, 14, 1870-1878.	1.7	13
79	Regioselectivity in Dielsâ€“Alder Cycloadditions of #6094C68 Fullerene with a Triplet Ground State. Journal of Organic Chemistry, 2019, 84, 9017-9024.	1.7	7
80	Photoinduced Charge Shift in Li⁺-Doped Giant Nested Fullerenes. Journal of Physical Chemistry C, 2019, 123, 16525-16532.	1.5	13
81	Effect of Exocyclic Substituents and Ï€-System Length on the Electronic Structure of Chichibabin Diradical(oid)s. ACS Omega, 2019, 4, 10845-10853.	1.6	10
82	InnenrÃ¼cktitelbild: Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates (Angew. Chem. 21/2019). Angewandte Chemie, 2019, 131, 7217-7217.	1.6	1
83	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie - International Edition, 2019, 58, 6932-6937.	7.2	35
84	Is Excitedâ€State Aromaticity a Driving Force for Planarization of Dibenzannelated 8Ï€â€Electron Heterocycles?. ChemPlusChem, 2019, 84, 712-721.	1.3	38
85	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie, 2019, 131, 7006-7011.	1.6	13
86	Electron Delocalization in Planar Metallacycles: HÃ¼ckel or MÃ¶bius Aromatic?. ChemistryOpen, 2019, 8, 219-227.	0.9	49
87	The Coulomb Hole of the Ne Atom. ChemistryOpen, 2019, 8, 411-417.	0.9	6
88	Open-shell jellium aromaticity in metal clusters. Chemical Communications, 2019, 55, 5559-5562.	2.2	15
89	Decomposition of the electronic activity in competing [5,6] and [6,6] cycloaddition reactions between C₆₀ and cyclopentadiene. Physical Chemistry Chemical Physics, 2019, 21, 5039-5048.	1.3	11
90	Photoinduced electron transfer and unusual environmental effects in fullereneâ€“Zn-porphyrinâ€“BODIPY triads. Physical Chemistry Chemical Physics, 2019, 21, 25098-25107.	1.3	22

#	ARTICLE	IF	CITATIONS
91	Tuning the Strength of the Resonance-Assisted Hydrogen Bond in Acenes and Phenacenes with Two <i>o</i>-Hydroxyaldehyde Groupsâ€"The Importance of Topology. Journal of Organic Chemistry, 2019, 84, 15538-15548.	1.7	13
92	Connecting and combining rules of aromaticity. Towards a unified theory of aromaticity. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2019, 9, e1404.	6.2	37
93	Peculiar Photoinduced Electron Transfer in Porphyrinâ€“Fullerene Akamptisomers. Chemistry - A European Journal, 2019, 25, 2577-2585.	1.7	9
94	(Invited) Photoinduced Charge Separation in Several Dyads Involving Fullerenes. ECS Meeting Abstracts, 2019, , .	0.0	0
95	52 GAMES WITH THE PERIODIC TABLE AND BEYOND. , 2019, , .		0
96	Rationalizing the Regioselectivity of the Dielsâ€“Alder Biscycloaddition of Fullerenes. Journal of Organic Chemistry, 2018, 83, 3285-3292.	1.7	11
97	Metal Cluster Electrides: A New Type of Molecular Electride with Delocalised Polyattractor Character. Chemistry - A European Journal, 2018, 24, 9853-9859.	1.7	28
98	Reliable charge assessment on encapsulated fragment for endohedral systems. Scientific Reports, 2018, 8, 2882.	1.6	5
99	Tuning the Strength of the Resonance-Assisted Hydrogen Bond in <i>o</i>-Hydroxybenzaldehyde by Substitution in the Aromatic Ring¹. Journal of Physical Chemistry A, 2018, 122, 2279-2287.	1.1	28
100	On the regioselectivity of the Dielsâ€“Alder cycloaddition to C₆₀ in high spin states. Physical Chemistry Chemical Physics, 2018, 20, 11577-11585.	1.3	10
101	Electron-Pair Distribution in Chemical Bond Formation. Journal of Physical Chemistry A, 2018, 122, 1916-1923.	1.1	6
102	Aromaticity of acenes: the model of migrating Ï€-circuits. Physical Chemistry Chemical Physics, 2018, 20, 13430-13436.	1.3	36
103	Mechanism of the Selective Fe-Catalyzed Arene Carbonâ€“Hydrogen Bond Functionalization. ACS Catalysis, 2018, 8, 4313-4322.	5.5	32
104	Influence of the charge on the reactivity of azafullerenes. Physical Chemistry Chemical Physics, 2018, 20, 28011-28018.	1.3	11
105	Aromaticity Determines the Relative Stability of Kinked vs. Straight Topologies in Polycyclic Aromatic Hydrocarbons. Frontiers in Chemistry, 2018, 6, 561.	1.8	41
106	Stereocontrolled Photoinduced Electron Transfer in Metalâ€Fullerene Hybrids. Chemistry - A European Journal, 2018, 24, 13020-13025.	1.7	17
107	Regioselectivity of the Pausonâ€“Khand reaction in single-walled carbon nanotubes. Nanoscale, 2018, 10, 15078-15089.	2.8	11
108	Expeditious Preparation of Open-Cage Fullerenes by Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C60 : Anâ€‰Experimental and Theoretical Study. Chemistry - A European Journal, 2018, 24, 10561-10561.	1.7	0

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109	Quantum Mechanics/Molecular Mechanics Studies on the Relative Reactivities of Compound I and II in Cytochrome P450 Enzymes. International Journal of Molecular Sciences, 2018, 19, 1974.	1.8	14
110	The electronic structure and stability of germanium tubes Ge₃₀H₁₂ and Ge₃₃H₁₂. Physical Chemistry Chemical Physics, 2018, 20, 23467-23479.	1.3	6
111	Expeditious Preparation of Openâ€Cage Fullerenes by Rhodium(I)â€Catalyzed [2+2+2] Cycloaddition of Diynes and C₆₀: Anâ€‰Experimental and Theoretical Study. Chemistry - A European Journal, 2018, 24, 10653-10661.	1.7	28
112	Tuning diastereoisomerism in platinum(ii) phosphino- and aminothiolato hydrido complexes. New Journal of Chemistry, 2017, 41, 3015-3028.	1.4	1
113	Reactivity Patterns of (Protonated) Compoundâ€…II and Compoundâ€…I of Cytochrome P450: Which is the Better Oxidant?. Chemistry - A European Journal, 2017, 23, 6406-6418.	1.7	71
114	Is coronene better described by <scp>C</scp>lar's aromatic Ï€â€sextet model or by the AdNDP representation?. Journal of Computational Chemistry, 2017, 38, 1606-1611.	1.5	30
115	The role of the longâ€range exchange corrections in the description of electron delocalization in aromatic species. Journal of Computational Chemistry, 2017, 38, 1640-1654.	1.5	69
116	Understanding the Reactivity of Ionâ€Encapsulated Fullerenes. Chemistry - A European Journal, 2017, 23, 11030-11036.	1.7	33
117	Can Bairdâ€™s and Clarâ€™s Rules Combined Explain Triplet State Energies of Polycyclic Conjugated Hydrocarbons with Fused 4<i>n</i>Ï€- and (4<i>n</i> + 2)Ï€-Rings?. Journal of Organic Chemistry, 2017, 82, 6327-6340.	1.7	55
118	Mechanism of the Suzukiâ€“Miyaura Cross-Coupling Reaction Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. Organometallics, 2017, 36, 2088-2095.	1.1	68
119	Rationalizing the relative abundances of trimetallic nitride template-based endohedral metallofullerenes from aromaticity measures. Chemical Communications, 2017, 53, 4140-4143.	2.2	5
120	Predicting and Understanding the Reactivity of Aza[60]fullerenes. Journal of Organic Chemistry, 2017, 82, 754-758.	1.7	20
121	Testing the effectiveness of the isoelectronic substitution principle through the transformation of aromatic osmathiophene derivatives into their inorganic analogues. New Journal of Chemistry, 2017, 41, 1168-1178.	1.4	9
122	The electron density of delocalized bonds (EDDB) applied for quantifying aromaticity. Physical Chemistry Chemical Physics, 2017, 19, 28970-28981.	1.3	114
123	A Computational Study of the Intermolecular [2+2+2] Cycloaddition of Acetylene and C₆₀ Catalyzed by Wilkinson's Catalyst. Chemistry - A European Journal, 2017, 23, 15067-15072.	1.7	11
124	Does the endohedral borospherene supersalt FLi₂@B₃₉maintain the â€œsuperâ€• properties of its subunits?. Physical Chemistry Chemical Physics, 2017, 19, 21276-21281.	1.3	6
125	The key role of aromaticity in the structure and reactivity of C60 and endohedral metallofullerenes. Inorganica Chimica Acta, 2017, 468, 38-48.	1.2	8
126	Rhodiumâ€Catalyzed [2+2+2] Cycloaddition Reactions of Linear Alleneâ€“Eneâ€“Ynes to afford Fused Tricyclic Scaffolds: Insights into the Mechanism. Chemistry - A European Journal, 2017, 23, 14889-14899.	1.7	22

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127	Unusual reactivity of rhodium carbenes with allenes: an efficient asymmetric synthesis of methylenetetrahydropyran scaffolds. Chemical Communications, 2017, 53, 9922-9925.	2.2	15
128	Effect of incarcerated HF on the exohedral chemical reactivity of HF@C₆₀. Chemical Communications, 2017, 53, 10993-10996.	2.2	26
129	Why Aromaticity Is a Suspicious Concept? Why?. Frontiers in Chemistry, 2017, 5, 22.	1.8	108
130	Theoretical estimation of the rate of photoinduced charge transfer reactions in triphenylamine C₆₀ donorâ€"acceptor conjugate. Journal of Computational Chemistry, 2016, 37, 1396-1405.	1.5	10
131	Reactivity and Selectivity of Bowlâ€Shaped Polycyclic Aromatic Hydrocarbons: Relationship to C₆₀. Chemistry - A European Journal, 2016, 22, 1368-1378.	1.7	31
132	In Silico Olefin Metathesis with Ruâ€Based Catalysts Containing Nâ€Heterocyclic Carbenes Bearing C₆₀ Fullerenes. Chemistry - A European Journal, 2016, 22, 6617-6623.	1.7	15
133	Understanding the Reactivity of Planar Polycyclic Aromatic Hydrocarbons: Towards the Graphene Limit. Chemistry - A European Journal, 2016, 22, 10572-10580.	1.7	27
134	Photoinduced Charge Separation in the Carbon Nano-Onion C₆₀@C₂₄₀. Journal of Physical Chemistry A, 2016, 120, 5798-5804.	1.1	10
135	Reaction Mechanism and Regioselectivity of the Bingelâ€"Hirsch Addition of Dimethyl Bromomalonate to La@<i>C</i>_{2<i>v</i>}â€C₈₂. Chemistry - A European Journal, 2016, 22, 5953-5962.	1.7	23
136	The Regioselectivity of Bingelâ€"Hirsch Cycloadditions on Isolated Pentagon Rule Endohedral Metallofullerenes. Angewandte Chemie, 2016, 128, 2420-2423.	1.6	9
137	Celebrating the 150th anniversary of the KekulÃ© benzene structure. Physical Chemistry Chemical Physics, 2016, 18, 11587-11588.	1.3	26
138	Rules of Aromaticity. Challenges and Advances in Computational Chemistry and Physics, 2016, , 321-335.	0.6	7
139	Structural Preferences in Phosphanylthiolato Platinum(II) Complexes. ChemistryOpen, 2016, 5, 51-59.	0.9	6
140	Planar <i>vs.</i> three-dimensional X₆^{2â^'}, X₂Y₄^{2â^'}, and X₃Y₃^{2â^'} (X, Y = B,) Tj ETQq0 0 0 rgBT /Ov Physical Chemistry Chemical Physics, 2016, 18, 21102-21110.	1.3	7
141	The Driving Force of Photoinduced Charge Separation in Metalâ€Clusterâ€Encapsulated Triphenylamineâ€[80]fullerenes. Chemistry - A European Journal, 2016, 22, 17305-17310.	1.7	5
142	Exploring the validity of the Glidewellâ€"Lloyd extension of Clarâ€™s Ï€-sextet rule: assessment from polycyclic conjugated hydrocarbons. Theoretical Chemistry Accounts, 2016, 135, 1.	0.5	24
143	The Regioselectivity of Bingelâ€"Hirsch Cycloadditions on Isolated Pentagon Rule Endohedral Metallofullerenes. Angewandte Chemie - International Edition, 2016, 55, 2374-2377.	7.2	37
144	Analysis of a Compound Class with Triplet States Stabilized by Potentially Baird Aromatic [10]Annulenyl Dicationic Rings. Chemistry - A European Journal, 2016, 22, 2793-2800.	1.7	30

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145	HÃ¼ckel's Rule of Aromaticity Categorizes Aromatic <i>closo</i> Boron Hydride Clusters. Chemistry - A European Journal, 2016, 22, 7437-7443.	1.7	103
146	Complexes of adamantaneâ€based group 13 Lewis acids and superacids: Bonding analysis and thermodynamics of hydrogen splitting. Journal of Computational Chemistry, 2016, 37, 1355-1362.	1.5	10
147	Fmocâ€“RGDS based fibrils: atomistic details of their hierarchical assembly. Physical Chemistry Chemical Physics, 2016, 18, 1265-1278.	1.3	17
148	Octahedral aromaticity in ^{2S+1}A_{1g} X₆^q clusters (X =) Tj ETQq0 0 0 rgBT /Overlock	1.3	12
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