

Jordi Poater

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Theoretical Evaluation of Electron Delocalization in Aromatic Molecules by Means of Atoms in Molecules (AIM) and Electron Localization Function (ELF) Topological Approaches. <i>Chemical Reviews</i> , 2005, 105, 3911-3947.	23.0	661
2	The Delocalization Index as an Electronic Aromaticity Criterion: Application to a Series of Planar Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , 2003, 9, 400-406.	1.7	396
3	Quantifying aromaticity with electron delocalisation measures. <i>Chemical Society Reviews</i> , 2015, 44, 6434-6451.	18.7	335
4	Hydrogenâ€“Hydrogen Bonding in Planar Biphenyl, Predicted by Atoms-In-Molecules Theory, Does Not Exist. <i>Chemistry - A European Journal</i> , 2006, 12, 2889-2895.	1.7	314
5	On the performance of some aromaticity indices: A critical assessment using a test set. <i>Journal of Computational Chemistry</i> , 2008, 29, 1543-1554.	1.5	261
6	Ï€â€“Aromaticity and Threeâ€“Dimensional Aromaticity: Two sides of the Same Coin?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12191-12195.	7.2	242
7	A Model of the Chemical Bond Must Be Rooted in Quantum Mechanics, Provide Insight, and Possess Predictive Power. <i>Chemistry - A European Journal</i> , 2006, 12, 2902-2905.	1.7	216
8	Polycyclic Benzenoids:Â Why Kinked is More Stable than Straight. <i>Journal of Organic Chemistry</i> , 2007, 72, 1134-1142.	1.7	197
9	Local Aromaticity of [n]Acenes, [n]Phenacenes, and [n]Helicenes (n = 1â€“9). <i>Journal of Organic Chemistry</i> , 2005, 70, 2509-2521.	1.7	195
10	The calculation of electron localization and delocalization indices at the Hartree-Fock, density functional and post-Hartree-Fock levels of theory. <i>Theoretical Chemistry Accounts</i> , 2002, 107, 362-371.	0.5	187
11	Relation between the Substituent Effect and Aromaticity. <i>Journal of Organic Chemistry</i> , 2004, 69, 6634-6640.	1.7	177
12	Electron-pairing analysis from localization and delocalization indices in the framework of the atoms-in-molecules theory. <i>Theoretical Chemistry Accounts</i> , 2002, 108, 214-224.	0.5	175
13	Comparison of the AIM Delocalization Index and the Mayer and Fuzzy Atom Bond Orders. <i>Journal of Physical Chemistry A</i> , 2005, 109, 9904-9910.	1.1	169
14	Assessment of Clar's aromatic Ï€-sextet rule by means of PDI, NICS and HOMA indicators of local aromaticity. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 785-791.	0.9	147
15	Too Persistent to Give Up: Aromaticity in Boron Clusters Survives Radical Structural Changes. <i>Journal of the American Chemical Society</i> , 2020, 142, 9396-9407.	6.6	145
16	An Insight into the Local Aromaticities of Polycyclic Aromatic Hydrocarbons and Fullerenes. <i>Chemistry - A European Journal</i> , 2003, 9, 1113-1122.	1.7	125
17	Adenine versus guanine quartets in aqueous solution: dispersion-corrected DFT study on the differences in Ï€-stacking and hydrogen-bonding behavior. <i>Theoretical Chemistry Accounts</i> , 2010, 125, 245-252.	0.5	123
18	A Critical Assessment of the Performance of Magnetic and Electronic Indices of Aromaticity. <i>Symmetry</i> , 2010, 2, 1156-1179.	1.1	115

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19	Local Aromaticity of the Six-Membered Rings in Pycrylene. A Difficult Case for the NICS Indicator of Aromaticity. <i>Journal of Organic Chemistry</i> , 2004, 69, 7537-7542.	1.7	113
20	<i>para</i> -Selective C-H Olefination of Aniline Derivatives via Pd/S,O-Ligand Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 6719-6725.	6.6	108
21	Discrepancy between common local aromaticity measures in a series of carbazole derivatives. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 314-318.	1.3	106
22	Metalloaromaticity. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2013, 3, 105-122.	6.2	105
23	Hückel's Rule of Aromaticity Categorizes Aromatic <i>closo</i> Boron Hydride Clusters. <i>Chemistry - A European Journal</i> , 2016, 22, 7437-7443.	1.7	103
24	Aromaticity of Distorted Benzene Rings: Exploring the Validity of Different Indicators of Aromaticity. <i>Journal of Physical Chemistry A</i> , 2007, 111, 4513-4521.	1.1	102
25	Ground and Low-Lying States of Cu ²⁺ H ₂ O. A Difficult Case for Density Functional Methods. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6072-6078.	1.1	85
26	A Test to Evaluate the Performance of Aromaticity Descriptors in All-Metal and Semimetal Clusters. An Appraisal of Electronic and Magnetic Indicators of Aromaticity. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 1118-1130.	2.3	84
27	Modeling the structure-property relationships of nanoneedles: A journey toward nanomedicine. <i>Journal of Computational Chemistry</i> , 2009, 30, 275-284.	1.5	76
28	On the electron-pair nature of the hydrogen bond in the framework of the atoms in molecules theory. <i>Chemical Physics Letters</i> , 2003, 369, 248-255.	1.2	74
29	New Solids Based on B ₁₂ N ₁₂ Fullerenes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13354-13360.	1.5	72
30	Chemical basis for the recognition of trimethyllysine by epigenetic reader proteins. <i>Nature Communications</i> , 2015, 6, 8911.	5.8	72
31	A trinuclear Pt(II) compound with short Pt-Pt contacts. An analysis of the influence of π-π stacking interactions on the strength and length of the Pt-Pt bond. <i>Dalton Transactions</i> , 2006, , 1188-1196.	1.6	70
32	Local Aromaticity of the Lowest-Lying Singlet States of [n]Acenes (n = 6-9). <i>Journal of Physical Chemistry A</i> , 2005, 109, 10629-10632.	1.1	68
33	Double CH Activation of a Masked Cationic Bismuth Amide. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3825-3829.	7.2	66
34	B-DNA structure and stability: the role of hydrogen bonding, π-π stacking interactions, twist-angle, and solvation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4691-4700.	1.5	64
35	An analysis of the changes in aromaticity and planarity along the reaction path of the simplest Diels-Alder reaction. Exploring the validity of different indicators of aromaticity. <i>Computational and Theoretical Chemistry</i> , 2005, 727, 165-171.	1.5	59
36	Carbon monoxide insertion at a heavy p-block element: unprecedented formation of a cationic bismuth carbamoyl. <i>Chemical Science</i> , 2019, 10, 4169-4176.	3.7	59

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37	Role of Electron Density and Magnetic Couplings on the Nucleus-Independent Chemical Shift (NICS) Profiles of [2.2]Paracyclophane and Related Species. <i>Journal of Organic Chemistry</i> , 2006, 71, 1700-1702.	1.7	57
38	Aromaticity and electronic delocalization in all-metal clusters with single, double, and triple aromatic character. <i>Theoretical Chemistry Accounts</i> , 2011, 128, 419-431.	0.5	57
39	PyFrag 2019“Automating the exploration and analysis of reaction mechanisms. <i>Journal of Computational Chemistry</i> , 2019, 40, 2227-2233.	1.5	57
40	Covalent and Ionic Capacity of MOFs To Sorb Small Gas Molecules. <i>Inorganic Chemistry</i> , 2018, 57, 6981-6990.	1.9	55
41	Local Aromaticity in Natural Nucleobases and Their Size-Expanded Benzo-Fused Derivatives. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12249-12258.	1.1	52
42	Selectivity in DNA replication. Interplay of steric shape, hydrogen bonds, π -stacking and solvent effects. <i>Chemical Communications</i> , 2011, 47, 7326.	2.2	52
43	Analysis of the effect of changing the α_0 parameter of the Becke3-LYP hybrid functional on the transition state geometries and energy barriers in a series of prototypical reactions. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 722-731.	1.3	51
44	Open-shell spherical aromaticity: the $2N^2 + 2N + 1$ (with $S = N + \frac{1}{2}$) rule. <i>Chemical Communications</i> , 2011, 47, 11647.	2.2	49
45	Reactivity of the Donor-Stabilized Silylenes [$\text{PrNC}(\text{Ph})\text{N}(\text{Pr})_2\text{Si}$ and [$\text{PrNC}(\text{N}(\text{Pr})_2)\text{N}(\text{Pr})_2\text{Si}$]: Activation of CO_2 and CS_2 . <i>Chemistry - A European Journal</i> , 2015, 21, 16665-16672.	1.7	49
46	Nuclear magnetic resonance chemical shifts with the statistical average of orbital-dependent model potentials in Kohn-Sham density functional theory. <i>Journal of Chemical Physics</i> , 2003, 118, 8584-8593.	1.2	48
47	Aromaticity Analysis of Lithium Cation/ π Complexes of Aromatic Systems. <i>ChemPhysChem</i> , 2005, 6, 2552-2561.	1.0	46
48	Analysis of the Effects of N-Substituents on Some Aspects of the Aromaticity of Imidazoles and Pyrazoles. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8571-8577.	1.1	46
49	The Missing Entry in the Agostic-Anagostic Series: $\text{Rh}(\text{I})\pi^1\text{-C}$ Interactions in $\text{P}(\text{CH})\text{P}$ Pincer Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 2960-2969.	1.9	46
50	Electron Fluctuation in Pericyclic and Pseudopericyclic Reactions. <i>ChemPhysChem</i> , 2006, 7, 111-113.	1.0	45
51	An Analysis of the Isomerization Energies of 1,2-/1,3-Diazacyclobutadiene, Pyrazole/Imidazole, and Pyridazine/Pyrimidine with the Turn-Upside-Down Approach. <i>Journal of Organic Chemistry</i> , 2011, 76, 8913-8921.	1.7	43
52	Aromaticity Determines the Relative Stability of Kinked vs. Straight Topologies in Polycyclic Aromatic Hydrocarbons. <i>Frontiers in Chemistry</i> , 2018, 6, 561.	1.8	41
53	A Simple Link between Hydrocarbon and Borohydride Chemistries. <i>Chemistry - A European Journal</i> , 2013, 19, 4169-4175.	1.7	40
54	Bonding in Methylalkalimetals $(\text{CH}_3\text{M})_n$ ($\text{M} = \text{Li}, \text{Na}, \text{K}; n = 1, 4$). Agreement and Divergences between AIM and ELF Analyses. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7189-7198.	1.2	39

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73	Rational design of near-infrared absorbing organic dyes: Controlling the HOMO-LUMO gap using quantitative molecular orbital theory. <i>Journal of Computational Chemistry</i> , 2018, 39, 2690-2696.	1.5	26
74	The Chemical Bond: When Atom Size Instead of Electronegativity Difference Determines Trend in Bond Strength. <i>Chemistry - A European Journal</i> , 2021, 27, 15616-15622.	1.7	26
75	B-DNA model systems in non-terran bio-solvents: implications for structure, stability and replication. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16969-16978.	1.3	25
76	Doppelte CH-Aktivierung eines maskierten Bismutamid-Kations. <i>Angewandte Chemie</i> , 2018, 130, 3887-3891.	1.6	25
77	Exploring the validity of the Glidewell-Lloyd extension of Clar's π -sextet rule: assessment from polycyclic conjugated hydrocarbons. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	0.5	24
78	Analysis of electronic delocalization in buckminsterfullerene (C ₆₀). <i>International Journal of Quantum Chemistry</i> , 2004, 98, 361-366.	1.0	23
79	Reaction Mechanism and Regioselectivity of the Bingel-Hirsch Addition of Dimethyl Bromomalonate to La@C ₈₂ . <i>Chemistry - A European Journal</i> , 2016, 22, 5953-5962.	1.7	23
80	3D and 2D aromatic units behave like oil and water in the case of benzocarborane derivatives. <i>Nature Communications</i> , 2022, 13, .	5.8	23
81	Diastereoselective Synthesis of Fulleropyrrolidines from Suitably Functionalized Chiral Cyclobutanes. <i>Journal of Organic Chemistry</i> , 2005, 70, 6929-6932.	1.7	22
82	Parametrization of the Becke3-LYP hybrid functional for a series of small molecules using quantum molecular similarity techniques. <i>Journal of Computational Chemistry</i> , 2001, 22, 1666-1678.	1.5	21
83	On the electronic structure of second generation Hoveyda-Grubbs alkene metathesis precursors. <i>Computational and Theoretical Chemistry</i> , 2012, 996, 57-67.	1.1	21
84	Ab Initio Design of Chelating Ligands Relevant to Alzheimer's Disease: Influence of Metalloaromaticity. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12659-12666.	1.1	20
85	Electron pairing analysis of the Fischer-type chromium-carbene complexes (CO) ₅ Cr=C(X)R (X=H, OH). <i>J. Phys. Chem. A</i> , 2009, 113, 10784-10793.	0.9	18
86	Aromaticity changes along the reaction coordinate connecting the cyclobutadiene dimer to cubane and the benzene dimer to hexaprismane. <i>Structural Chemistry</i> , 2007, 18, 773-783.	1.0	18
87	Molecular structures of M ₂ N ₂ (M and N = B, Al, and Ga) clusters using the gradient embedded genetic algorithm. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14850.	1.3	18
88	Stabilization of 2,6-Diarylanilinium Cation by Through-Space Cation- π Interactions. <i>Journal of Organic Chemistry</i> , 2017, 82, 9418-9424.	1.7	18
89	Comment on the Nature of Bonding in the Thermal Cyclization of (Z)-1,2,4,6-Heptatetraene and Its Heterosubstituted Analogues. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7591-7593.	1.2	17
90	Fmoc-RGDs based fibrils: atomistic details of their hierarchical assembly. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1265-1278.	1.3	17

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91	Kekulene: Structure, stability and nature of Hâ€¢â€¢â€¢H interactions in large PAHs. <i>Molecular Astrophysics</i> , 2017, 8, 19-26.	1.7	17
92	Theoretical studies on aromaticity of selected hydroxypyrones. Part 3#. Chelatoaromaticity phenomenon in metalcomplexes of hydroxypyrones. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 499-506.	0.9	16
93	X ₂ Y ₂ Isomers: Tuning Structure and Relative Stability through Electronegativity Differences (X = H, Li, Na, F, Cl, Br, I; Y = O, S, Se, Te). <i>Inorganic Chemistry</i> , 2013, 52, 2458-2465.	1.9	16
94	Why 1,2-quinone derivatives are more stable than their 2,3-analogues?. <i>Theoretical Chemistry Accounts</i> , 2015, 134, 1.	0.5	16
95	Alkali Metal Complexes of Silyl-Substitutedansa-(Tris)allyl Ligands: Metal-, Co-Ligand- and Substituent-Dependent Stereochemistry. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4157-4167.	1.0	15
96	Routes of Î€-Electron Delocalization in 4-Substituted-1,2-benzoquinones. <i>Journal of Organic Chemistry</i> , 2011, 76, 550-556.	1.7	15
97	Recognition of shorter and longer trimethyllysine analogues by epigenetic reader proteins. <i>Chemical Communications</i> , 2018, 54, 2409-2412.	2.2	15
98	Open-shell jellium aromaticity in metal clusters. <i>Chemical Communications</i> , 2019, 55, 5559-5562.	2.2	15
99	A donor-functionalized, silyl-substituted pentadienyllithium: structural insight from experiment and theory. <i>Chemical Communications</i> , 2011, 47, 6162.	2.2	14
100	All-metal aromatic clusters M ₄ 2 ⁺ (M = B, Al, and Ga). Are Î€-electrons distortive or not?. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20673.	1.3	14
101	Formation of a Trifluorophosphane Platinum(II) Complex by Pâ~F Bond Activation of Phosphorus Pentafluoride with a Pt ⁰ Complex. <i>Chemistry - A European Journal</i> , 2017, 23, 5948-5952.	1.7	14
102	Binding of 6-mer single-stranded homo-nucleotides to poly(3,4-ethylenedioxythiophene): specific hydrogen bonds with guanine. <i>Soft Matter</i> , 2011, 7, 9922.	1.2	13
103	Unraveling the Origin of the Relative Stabilities of Group 14 M ₂ N ₂ ²⁺ (M, N = C, Si, Ge, Sn, and Pb) Isomer Clusters. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10462-10469.	1.1	13
104	Mechanism of biomolecular recognition of trimethyllysine by the fluorinated aromatic cage of KDM5A PHD3 finger. <i>Communications Chemistry</i> , 2020, 3, .	2.0	13
105	Octahedral aromaticity in $2S+1A_{1g}$ X ₆ ^q clusters (X = Tj ETQq _{1,3} 0.7843 ₁₂ rgBT		
106	Understanding the differences between iron and palladium in cross-coupling reactions. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9651-9664.	1.3	12
107	Distortionâ€Controlled Redshift of Organic Dye Molecules. <i>Chemistry - A European Journal</i> , 2020, 26, 2080-2093.	1.7	12
108	Analysis of the electronic delocalization in some isoelectronic analogues of B ₁₂ doped with beryllium and/or carbon. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12245-12259.	1.3	12

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109	Aromaticity and Extrusion of Benzenoids Linked to [C ₆ O ₂ SAN] ⁺ : Clar Has the Answer. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
110	Nature of the Ru~NO Coordination Bond: Kohn~Sham Molecular Orbital and Energy Decomposition Analysis. <i>ChemistryOpen</i> , 2017, 6, 410-416.	0.9	11
111	Probing Through-Space Polar~ Interactions in 2,6-Diarylphenols. <i>Journal of Organic Chemistry</i> , 2019, 84, 3632-3637.	1.7	11
112	Probing Halogen~ versus CH~ Interactions in Molecular Balance. <i>Organic Letters</i> , 2020, 22, 7870-7873.	2.4	11
113	C~X Bond Activation by Palladium: Steric Shielding versus Steric Attraction. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
114	Complexes of adamantane~based group 13 Lewis acids and superacids: Bonding analysis and thermodynamics of hydrogen splitting. <i>Journal of Computational Chemistry</i> , 2016, 37, 1355-1362.	1.5	10
115	Ab initio and DFT modeling of stereoselective deamination of aziridines by nitrosyl chloride. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 139-146.	1.0	9
116	Excess charge delocalization in organic and biological molecules: some theoretical notions. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 29-40.	0.5	9
117	Comparison between Alkalimetal and Group 11 Transition Metal Halide and Hydride Tetramers: Molecular Structure and Bonding. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8026-8034.	1.1	9
118	Aromaticity and Magnetic Properties of 1~ and 2~ Indenones and Their Aza Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5370-5377.	1.2	9
119	Testing the effectiveness of the isoelectronic substitution principle through the transformation of aromatic osmathiophene derivatives into their inorganic analogues. <i>New Journal of Chemistry</i> , 2017, 41, 1168-1178.	1.4	9
120	Through~Space Polar~ Interactions in 2,6~Diarylthiophenols. <i>ChemPhysChem</i> , 2020, 21, 1092-1100.	1.0	9
121	Properties of poly(3-halidethiophene)s. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10050.	1.3	8
122	Aromatic properties of 8-hydroxyquinoline and its metal complexes. <i>Open Chemistry</i> , 2013, 11, 655-663.	1.0	8
123	Comparison of Molecular Recognition of Trimethyllysine and Trimethylthialysine by Epigenetic Reader Proteins. <i>Molecules</i> , 2020, 25, 1918.	1.7	8
124	The energy components of the extended transition state energy decomposition analysis are path functions: the case of water tetramer. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	0.5	8
125	Probing the Lewis Acidity of Boronic Acids through Interactions with Arene Substituents. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	8
126	Examining the formation of specific interactions between poly(3,4-ethylenedioxythiophene) and nucleotide bases. <i>RSC Advances</i> , 2013, 3, 2639.	1.7	7

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127	Rules of Aromaticity. Challenges and Advances in Computational Chemistry and Physics, 2016, , 321-335.	0.6	7
128	Planar <i>vs.</i> three-dimensional X_6^{2+} , $X_2Y_4^{2+}$, and $X_3Y_3^{2+}$ ($X, Y = B, Tl, Pb, Bi, Sn, Pt, Pd, Ag, Cu$) Physical Chemistry Chemical Physics, 2016, 18, 21102-21110.	1.3	7
129	Silylene-Induced Reduction of $[Mn_2(CO)_{10}]$: Formation of a Five-Coordinate Silicon(IV) Complex with an O-Bonded $[(OC)_4Mn=Mn(CO)_4]^{2+}$ Ligand. European Journal of Inorganic Chemistry, 2017, 2017, 186-191.	1.0	7
130	Phenoxylation of Alkynes through Mono- and Dual Activation Using Group 11 (Cu, Ag, Au) Catalysts. European Journal of Inorganic Chemistry, 2020, 2020, 1123-1134.	1.0	7
131	The nido σ -Cage $\cdots \sigma$ Bond: A Non-covalent Interaction between Boron Clusters and Aromatic Rings and Its Applications. Angewandte Chemie, 2020, 132, 9103-9110.	1.6	7
132	Bismutamide als einfache Vermittler hochselektiver $Pn^{\sim}Pn$ -Radikal-Kupplungsreaktionen ($Pn = N, P, As$). Angewandte Chemie, 2021, 133, 6513-6518.	1.6	7
133	Do Sulfonamides Interact with Aromatic Rings?. Chemistry - A European Journal, 2021, 27, 5721-5729.	1.7	7
134	$C(sp^n)_n^{\sim}X$ ($n = 1-3$) Bond Activation by Palladium. Chemistry - A European Journal, 2022, 28, .	1.7	7
135	Rational design of iron catalysts for $C-H^{\sim}X$ bond activation. Journal of Computational Chemistry, 2022, , .	1.5	7
136	Aromaticity Analysis by Means of the Quantum Theory of Atoms in Molecules. , 0, , 399-423.		6
137	Electroactive polymers for the detection of morphine. Journal of Polymer Research, 2014, 21, 1.	1.2	6
138	How carbo-benzenes fit molecules in their inner core as do biogenic ion carriers?. Structural Chemistry, 2016, 27, 249-259.	1.0	6
139	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. Applied Organometallic Chemistry, 2021, 35, e6362.	1.7	5
140	$Cage^{\sim}Cage$ Interaction: Boron Cluster-Based Noncovalent Bond and Its Applications in Solid-State Materials. JACS Au, 2021, 1, 2047-2057.	3.6	5
141	Aromaticity and Chemical Reactivity. , 2009, , .		5
142	Zwitterionic Aromaticity on Azulene Extrapolated to <i>carbo</i> -Azulene. European Journal of Organic Chemistry, 2021, 2021, 6450-6458.	1.2	5
143	Reading and erasing of the phosphonium analogue of trimethyllysine by epigenetic proteins. Communications Chemistry, 2022, 5, .	2.0	5
144	Activation Strain Analyses of Counterion and Solvent Effects on the Ion-Pair S_N2 Reaction of and CH_3Cl . Journal of Computational Chemistry, 2020, 41, 317-327.	1.5	4

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145	Pyrrrole and Pyridine in the Water Environmentâ€™Effect of Discrete and Continuum Solvation Models. ACS Omega, 2021, 6, 24693-24699.	1.6	4
146	Synthesis and Hydrolysis of Alkoxy(aminoalkyl)diorganylsilanes of the Formula Type R ₂ (RO)Si(CH ₂) _n NH ₂ (R = Alkyl, n= 1-3): A Systematic Experimental and Computational Study. European Journal of Inorganic Chemistry, 2016, 2016, 1641-1659.	1.0	3
147	Aromaticity and Extrusion of Benzenoids Linked to [<i>o</i> â€COSAN] ^{â€™} : Clar Has the Answer. Angewandte Chemie, 0, , .	1.6	3
148	Cyclopropenylidenephosphoranes: Rearrangement to Azetidinylidene-Methylphosphoniums. Journal of Organic Chemistry, 2020, 85, 7452-7458.	1.7	2
149	Probing Noncovalent Interactions in [3,3]Metaparacyclophanes. Journal of Organic Chemistry, 2022, 87, 6087-6096.	1.7	2
150	Through-Space Stabilization of an Imidazolium Cation by Aromatic Rings. Journal of Organic Chemistry, 2022, 87, 7875-7883.	1.7	2
151	An Insight into the Local Aromaticities of Polycyclic Aromatic Hydrocarbons and Fullerenes.. ChemInform, 2003, 34, no.	0.1	0
152	Discrepancy Between Common Local Aromaticity Measures in a Series of Carbazole Derivatives. ChemInform, 2004, 35, no.	0.1	0
153	Theoretical Evaluation of Electron Delocalization in Aromatic Molecules by Means of Atoms in Molecules (AIM) and Electron Localization Functional (ELF) Topological Approaches. ChemInform, 2006, 37, no.	0.1	0
154	Chapter 10 Electronic structure and reactivity of aromatic metal clusters. Theoretical and Computational Chemistry, 2007, 19, 203-218.	0.2	0
155	Throughâ€™space Polarâ€™ Interactions in 2,6â€™Diarylthiophenols. ChemPhysChem, 2020, 21, 1080-1080.	1.0	0
156	52 GAMES WITH THE PERIODIC TABLE AND BEYOND. , 2019, , .		0