RafaÅ, A Bachorz

List of Publications by Year
in descending order

20	901	567281 15	752698 20
papers	citations	h-index	g-index

20	20	20	983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strong Nâ^'HÂ·Â·Â·Ï€ Hydrogen Bonding in Amideâ^'Benzene Interactions. Journal of Physical Chemistry B, 2009, 113, 2937-2943.	2.6	105
2	The MP2â€F12 method in the T<scp>URBOMOLE</scp> program package. Journal of Computational Chemistry, 2011, 32, 2492-2513.	3.3	98
3	Scope and limitations of the SCS-MP2 method for stacking and hydrogen bonding interactions. Physical Chemistry Chemical Physics, 2008, 10, 2758.	2.8	80
4	Stabilization of very rare tautomers of uracil by an excess electron. Physical Chemistry Chemical Physics, 2005, 7, 2116.	2.8	73
5	Electron-Driven Acid-Base Chemistry: Proton Transfer from Hydrogen Chloride to Ammonia. Science, 2008, 319, 936-939.	12.6	73
6	Nucleobaseâ€"Fluorobenzene Interactions: Hydrogen Bonding Wins over Ï€ Stacking. Angewandte Chemie - International Edition, 2007, 46, 7449-7452.	13.8	66
7	Accurate computational thermochemistry from explicitly correlated coupled-cluster theory. Theoretical Chemistry Accounts, 2010, 126, 289-304.	1.4	64
8	Coupled-cluster and explicitly correlated perturbation-theory calculations of the uracil anion. Journal of Chemical Physics, 2007, 126, 085101.	3.0	63
9	Photoelectron spectroscopy of adiabatically bound valence anions of rare tautomers of the nucleic acid bases. Journal of Chemical Physics, 2007, 127, 174309.	3.0	59
10	On the Unusual Stability of Valence Anions of Thymine Based on Very Rare Tautomers:Â A Computational Study. Journal of Physical Chemistry B, 2006, 110, 24696-24707.	2.6	44
11	Photoelectron spectrum of valence anions of uracil and first-principles calculations of excess electron binding energies. Journal of Chemical Physics, 2008, 129, 054309.	3.0	40
12	The cardenolides strophanthidin, digoxigenin and dihydroouabain act as activators of the human RORÎ³/RORÎ³T receptors. Toxicology Letters, 2018, 295, 314-324.	0.8	24
13	Anion of the formic acid dimer as a model for intermolecular proton transfer induced by a Ï€* excess electron. Journal of Chemical Physics, 2005, 122, 204304.	3.0	23
14	Digoxin, an Overlooked Agonist of RORÎ³/RORÎ³T. Frontiers in Pharmacology, 2018, 9, 1460.	3.5	19
15	Stable Valence Anions of Nucleic Acid Bases and DNA Strand Breaks Induced by Low Energy Electrons. Challenges and Advances in Computational Chemistry and Physics, 2008, , 619-667.	0.6	15
16	Cardiac glycosides with target at direct and indirect interactions with nuclear receptors. Biomedicine and Pharmacotherapy, 2020, 127, 110106.	5.6	15
17	Large-amplitude vibrations of an Nâ€"Hâ‹Ï€ hydrogen bonded cis-amideâ€"benzene complex. Physical Chemistry Chemical Physics, 2010, 12, 8208.	2.8	14
18	Accurate Coupled Cluster Calculations of the Reaction Barrier Heights of Two CH₃^{â€¢} + CH₄ Reactions. Journal of Physical Chemistry A, 2009, 113, 11679-11684.	2.5	10

#	Article	IF	Citations
19	The Dichotomous Nature of AZ5104 (an EGFR Inhibitor) Towards RORÎ³ and RORÎ³T. International Journal of Molecular Sciences, 2019, 20, 5780.	4.1	10
20	Identification of Corosolic and Oleanolic Acids as Molecules Antagonizing the Human RORÎ³T Nuclear Receptor Using the Calculated Fingerprints of the Molecular Similarity. International Journal of Molecular Sciences, 2022, 23, 1906.	4.1	6