

Marija Baranac-StojanoviÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Triplet state (anti)aromaticity of some monoheterocyclic analogues of benzene, naphthalene and anthracene. <i>New Journal of Chemistry</i> , 2021, 45, 5060-5074.	1.4	6
2	Singlet/Triplet State Anti/Aromaticity of CyclopentadienylCation: Sensitivity to Substituent Effect. <i>Chemistry</i> , 2021, 3, 765-782.	0.9	6
3	Revival of Hückel Aromatic (Poly)benzenoid Subunits in Triplet State Polycyclic Aromatic Hydrocarbons by Silicon Substitution. <i>Chemistry - an Asian Journal</i> , 2021, , .	1.7	3
4	Synthesis of 2,3-Dihydro-4-pyridones and 4-Pyridones by the Cyclization Reaction of Ester-Tethered Enaminones. <i>Journal of Organic Chemistry</i> , 2020, 85, 13495-13507.	1.7	8
5	Substituent Effect on Triplet State Aromaticity of Benzene. <i>Journal of Organic Chemistry</i> , 2020, 85, 4289-4297.	1.7	35
6	Triplet-State Structures, Energies, and Antiaromaticity of BN Analogues of Benzene and Their Benzo-Fused Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 13582-13594.	1.7	16
7	The effect of two types of dibenzoannulation of pentalene on molecular energies and magnetically induced currents. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3250-3263.	1.3	9
8	A DFT Study of the Modulation of the Antiaromatic and Open-shell Character of Dibenzo[a,f]pentalene by Employing Three Strategies: Additional Benzoannulation, BN/CC Isosterism, and Substitution. <i>Chemistry - A European Journal</i> , 2019, 25, 9747-9757.	1.7	19
9	Does aromaticity account for an enhanced thermodynamic stability? The case of monosubstituted azaborines and the stereoelectronic chameleonism of the NH ₂ group. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9465-9476.	1.3	5
10	Can Variations of ¹ H...NMR Chemical Shifts in Benzene Substituted with an Electron-Accepting (NO ₂)/Donating (NH ₂) Group be Explained in Terms of Resonance Effects of Substituents?. <i>Chemistry - an Asian Journal</i> , 2018, 13, 877-881.	1.7	7
11	Analysis of Stability and (Anti)aromaticity of BN-Dibenzo[a,e]pentalenes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6230-6240.	1.2	4
12	Mono BN-substituted analogues of naphthalene: a theoretical analysis of the effect of BN position on stability, aromaticity and frontier orbital energies. <i>New Journal of Chemistry</i> , 2018, 42, 12968-12976.	1.4	15
13	Silica Gel as a Promoter of Sequential Aza-Michael/Michael Reactions of Amines and Propiolic Esters: Solvent- and Metal-Free Synthesis of Polyfunctionalized Conjugated Dienes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1811-1835.	1.7	8
14	Electron Delocalization in Electron-Deficient Alkenes and Push-Pull Alkenes. <i>ChemistrySelect</i> , 2017, 2, 42-50.	0.7	4
15	Theoretical study of azido gauche effect and its origin. <i>New Journal of Chemistry</i> , 2017, 41, 4644-4661.	1.4	2
16	Electron-N Monocycles: Stability and (Anti)aromaticity. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5163-5169.	1.2	10
17	Quantification of the push-pull effect in 2-alkylidene-4-oxothiazolidines by using NMR spectral data and barriers to rotation around the C-C bond. <i>New Journal of Chemistry</i> , 2016, 40, 6364-6373.	1.4	6
18	Aromaticity of Diazaborines and Their Protonated Forms. <i>Journal of Organic Chemistry</i> , 2016, 81, 197-205.	1.7	16

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19	Theoretical analysis of the rotational barrier in ethane: cause and consequences. <i>Structural Chemistry</i> , 2015, 26, 989-996.	1.0	16
20	The effect of steric repulsion on the torsional potential of n-butane: a theoretical study. <i>Tetrahedron</i> , 2015, 71, 5119-5123.	1.0	9
21	Energy decomposition analysis of gauche preference in 2-haloethanol, 2-haloethylamine (halogen = F, Cl, Br, I). <i>J. Phys. Chem. A</i> , 2015, 119, 22980-22995.	1.7	18
22	Origin of Fluorine/Sulfur <i>Gauche</i> Effect of β^2 -Fluorinated Thiol, Sulfoxide, Sulfone, and Thionium Ion. <i>Journal of Organic Chemistry</i> , 2015, 80, 10197-10207.	1.7	20
23	A theoretical study on borenium ion affinities toward ammonia, formaldehyde and chloride anions. <i>RSC Advances</i> , 2015, 5, 75895-75910.	1.7	2
24	New insight into the anisotropic effects in solution-state NMR spectroscopy. <i>RSC Advances</i> , 2014, 4, 308-321.	1.7	63
25	Aromaticity and Stability of Azaborines. <i>Chemistry - A European Journal</i> , 2014, 20, 16558-16565.	1.7	66
26	Gauche preference in 1,2-difluoroethane originates from both orbital and electrostatic stabilization interactions. <i>RSC Advances</i> , 2014, 4, 43834-43838.	1.7	20
27	4-Oxothiazolidines with Exocyclic C=C Double Bond(s): Synthesis, Structure, Reactions and Biological Activity. <i>Current Organic Chemistry</i> , 2014, 18, 1108-1148.	0.9	14
28	Unusual mode of reactivity of 2-alkylidene-4-oxothiazolidine S-oxides under the Pummerer reaction conditions. <i>Tetrahedron</i> , 2013, 69, 9819-9825.	1.0	5
29	Cyclic π Electron Delocalization in Fluoroborazines. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11540-11547.	1.1	9
30	Substituent effects on cyclic electron delocalization in symmetric B- and N-trisubstituted borazine derivatives. <i>RSC Advances</i> , 2013, 3, 24108.	1.7	11
31	^1H NMR Chemical Shifts of Cyclopropane and Cyclobutane: A Theoretical Study. <i>Journal of Organic Chemistry</i> , 2013, 78, 1504-1507.	1.7	20
32	2-Alkylidene-4-oxothiazolidine S-oxides: synthesis and Stereochemistry. <i>Tetrahedron</i> , 2013, 69, 6436-6447.	1.0	11
33	Magnetic Anisotropy of the $\text{C}\equiv\text{C}$ Single Bond. <i>Chemistry - A European Journal</i> , 2013, 19, 4249-4254.	1.7	8
34	Synthesis of thiazolidine-fused heterocycles via exo-mode cyclizations of vinylogous N-acyliminium ions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 575-589.	1.5	14
35	Density Functional Calculations of the Anisotropic Effects of Borazine and 1,3,2,4-Diazadiboretidine. <i>ChemPhysChem</i> , 2012, 13, 3803-3811.	1.0	9
36	Is the Conventional Interpretation of the Anisotropic Effects of $\text{C}\equiv\text{C}$ Double Bonds and Aromatic Rings in NMR Spectra in Terms of the π Electron Shielding/Deshielding Contributions Correct?. <i>Chemistry - A European Journal</i> , 2012, 18, 370-376.	1.7	29

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37	Quantification of the Aromaticity of 2-Alkylidenethiazolines Subjected to Push-Pull Activity. <i>Journal of Organic Chemistry</i> , 2011, 76, 3861-3871.	1.7	15
38	Catalytic oxidations of enolizable ketones using 2-alkylidene-4-oxothiazolidine vinyl bromide. <i>Tetrahedron</i> , 2011, 67, 8000-8008.	1.0	17
39	endo-Mode cyclizations of vinylogous N-acyliminium ions as a route to the synthesis of condensed thiazolidines. <i>Tetrahedron</i> , 2011, 67, 9541-9554.	1.0	13
40	Thermal solid-state Z/E isomerization of 2-alkylidene-4-oxothiazolidines: Effects of non-covalent interactions. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 317-328.	0.4	6
41	Transformations of 2-alkylidene-4-oxothiazolidine vinyl bromides initiated by bromophilic attack of neutral and anionic nucleophiles. <i>Tetrahedron</i> , 2010, 66, 6873-6884.	1.0	12
42	Structure, configuration, conformation and quantification of the push-pull effect of 2-alkylidene-4-thiazolidinones and 2-alkylidene-4,5-fused bicyclic thiazolidine derivatives. <i>Tetrahedron</i> , 2010, 66, 8958-8967.	1.0	17
43	Bromophilic substitution/carbophilic substitution cascade reactions of α,α -dibromo-2-methoxyacetophenone with C-, N- and O-nucleophiles. <i>Tetrahedron Letters</i> , 2010, 51, 4851-4855.	0.7	11
44	Reactions of ortho-substituted α,α -dibromoacetophenones with nucleophiles: first examples of combined carbophilic and bromophilic attack on C-Br bonds. <i>Tetrahedron Letters</i> , 2009, 50, 700-703.	0.7	17
45	Cyclic voltammetry study of (5-ethoxycarbonylmethylidene-4-oxothiazolidin-2-ylidene)-N-phenylethanamide. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 1571-1576.	0.1	4
46	High-Yield Synthesis of Substituted and Unsubstituted Pyridinium Salts Containing a 4-Oxothiazolidine Moiety. <i>Synthesis</i> , 2008, 2008, 2117-2121.	1.2	5
47	Carbon-bromine cleavage by dimethyl sulfoxide: the key step of C(5) functionalization of push-pull 2-alkylidene-4-oxothiazolidine vinyl bromides. <i>Tetrahedron Letters</i> , 2007, 48, 1695-1698.	0.7	5
48	¹ H NMR Dynamic study of thermal Z/E isomerization of 5-substituted 2-alkylidene-4-oxothiazolidine derivatives: Barriers to rotation about CC bond. <i>Journal of Molecular Structure</i> , 2006, 800, 85-92.	1.8	17
49	2-Alkylidene-4-oxothiazolidine Vinyl Bromides: Versatile Precursors for C(5) Functionalization via Pyridine-Assisted Bromine Transfer. <i>Synlett</i> , 2006, 2006, 0729-0732.	1.0	9
50	Nucleophilic Functionalization of 2-Alkylidene-4-Oxothiazolidines at C(5)-Position Induced by Formation of Novel Pyridinium Salt. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1411-1415.	0.8	7
51	Stereocontrolled Synthesis of New Tetrahydrofuro[2,3-d]thiazole Derivatives via Activated Vinylogous Iminium Ions. <i>Heterocycles</i> , 2005, 65, 2635.	0.4	23
52	Configurational isomerization of push-pull thiazolidinone derivatives controlled by intermolecular and intramolecular RAHB: ¹ H NMR dynamic investigation of concentration and temperature effects. <i>Journal of Physical Organic Chemistry</i> , 2004, 17, 118-123.	0.9	30
53	Ethyl (E)-2-(4-oxo-1,3-thiazinan-2-ylidene)ethanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o484-o485.	0.2	0
54	Thionation of N-methyl- and N-unsubstituted thiazolidine enamines. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 909-918.	0.4	11

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55	A novel and efficient 4-oxothiazolidine-1,2-dithiole rearrangement induced by Lawesson's reagent. <i>Tetrahedron Letters</i> , 2003, 44, 7087-7090.	0.7	25
56	High regioselectivity in the heterocyclization of β^2 -oxonitriles to 4-oxothiazolidines: X-ray structure proof. <i>Tetrahedron</i> , 2003, 59, 7803-7810.	1.0	36
57	Hydrogen bonding in push-pull 5-substituted-2-alkylidene-4-oxothiazolidines: $^1\text{H-NMR}$ spectroscopic study. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 1-7.	0.4	10
58	Stereo- and regiocontrol of electrophile-initiated rearrangement of push-pull 5-substituted 4-oxothiazolidine derivatives. <i>Tetrahedron</i> , 2001, 57, 5833-5841.	1.0	31