

Nikola Basaric

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

2,115
citations

22
h-index

42
g-index

108
ext. papers

2,340
ext. citations

3.9
avg, IF

4.7
L-index

#	Paper	IF	Citations
98	The effect of the rate of photoinduced electron transfer on the photodecarboxylation efficiency in phthalimide photochemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 408, 113104-113109	4.7	0
97	Wavelength dependent photochemistry of BODIPY-phenols and their applications in the fluorescent labeling of proteins. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 4891-4903	3.9	4
96	Substituents affect the mechanism of photochemical E-Z isomerization of diarylethene triazoles via adiabatic singlet excited state pathway or via triplet excited state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 113567	4.7	2
95	[3 + 2] Cycloaddition with photogenerated azomethine ylides in Cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 1296-1304	2.5	1
94	Photoelimination of Nitrogen from Diazoalkanes: Involvement of Higher Excited Singlet States in the Carbene Formation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9718-9724	16.4	4
93	Spectroscopic and photophysical properties of mono- and dithiosubstituted BODIPY dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 388, 112206	4.7	8
92	Labeling of Proteins by BODIPY-Quinone Methides Utilizing Anti-Kasha Photochemistry. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 347-351	9.5	11
91	Photophysical properties and electron transfer photochemical reactivity of substituted phthalimides. <i>New Journal of Chemistry</i> , 2020 , 44, 17252-17266	3.6	3
90	Substituted adamantylphthalimides: Synthesis, antiviral and antiproliferative activity. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000024	4.3	4
89	Application of 4-amino-N-adamantylphthalimide solvatochromic dye for fluorescence microscopy in selective visualization of lipid droplets and mitochondria. <i>Sensors and Actuators B: Chemical</i> , 2019 , 286, 52-61	8.5	13
88	Photoelimination of nitrogen from adamantane and pentacycloundecane (PCU) diazirines: a spectroscopic study and supramolecular control. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 1806-1822	4.2	2
87	Formation of Quinone Methides by Ultrafast Photodeamination: A Spectroscopic and Computational Study. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8630-8637	4.2	4
86	Competing photochemical reactions of bis-naphthols and their photoinduced antiproliferative activity. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 1197-1211	4.2	2
85	Bifunctional Phenol Quinone Methide Precursors: Synthesis and Biological Activity. <i>Croatica Chemica Acta</i> , 2019 , 92, 29-41	0.8	2
84	The Phenanthridine-modified Tyrosine Dipeptide. <i>Croatica Chemica Acta</i> , 2019 , 92, 249-258	0.8	0
83	Ultrafast Adiabatic Photodehydration of 2-Hydroxymethylphenol and the Formation of Quinone Methide. <i>Chemistry - A European Journal</i> , 2018 , 24, 9426-9435	4.8	4
82	Photodeamination to quinone methides in cucurbit[n]urils: potential application in drug delivery. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8908-8912	3.9	4

81	Photocyclization of Tetra- and Pentapeptides Containing Adamantylphthalimide and Phenylalanines: Reaction Efficiency and Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14905-14922	4.2	7
80	Synthesis and photochemical reactivity of phthalimidoadamantane tyrosine conjugates. <i>Research on Chemical Intermediates</i> , 2017 , 43, 5305-5320	2.8	2
79	Photochemical Formation of Anthracene Quinone Methide Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6006-6021	4.2	15
78	Photochemistry of 1- and 2-Naphthols and Their Water Clusters: The Role of $\pi(L)$ Mediated Hydrogen Transfer to Carbon Atoms. <i>Chemistry - A European Journal</i> , 2017 , 23, 8244-8251	4.8	12
77	Substitution pattern on anthrol carbaldehydes: excited state intramolecular proton transfer (ESIPT) with a lack of phototautomer fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 28439-28449	3.6	6
76	Synthesis of asymmetrically disubstituted anthracenes. <i>Tetrahedron</i> , 2017 , 73, 5892-5899	2.4	11
75	Direct Observation of Photoinduced Ultrafast Generation of Singlet and Triplet Quinone Methides in Aqueous Solutions and Insight into the Roles of Acidic and Basic Sites in Quinone Methide Formation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18349-18357	16.4	7
74	Hydroxymethylaniline Photocages for Carboxylic Acids and Alcohols. <i>Journal of Organic Chemistry</i> , 2017 , 82, 12554-12568	4.2	5
73	Selective photocytotoxicity of anthrols on cancer stem-like cells: The effect of quinone methides or reactive oxygen species. <i>European Journal of Medicinal Chemistry</i> , 2017 , 137, 558-574	6.8	12
72	Competing processes in the photochemistry of picolines and their N-methyl salts: photoinduced charge transfer, phototransposition and photohydration. <i>Research on Chemical Intermediates</i> , 2017 , 43, 859-871	2.8	1
71	Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies, and crystal structure determination. <i>Monatshefte für Chemie</i> , 2016 , 147, 1825-1837	1.4	3
70	Photochemical formation of quinone methides from peptides containing modified tyrosine. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10894-10905	3.9	3
69	In vitro investigation of the antimicrobial activity of a series of lipophilic phenols and naphthols. <i>South African Journal of Chemistry</i> , 2016 , 69,	1.8	4
68	Photodecarboxylation of Adamantane Amino Acids Activated by Phthalimide. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4404-4414	3.2	11
67	Observation of excited state proton transfer reactions in 2-phenylphenol and 2-phenyl-1-naphthol and formation of quinone methide species. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 9205-11	3.6	9
66	Anion binding with urea and thiourea derivatives. <i>Coordination Chemistry Reviews</i> , 2015 , 295, 80-124	23.2	199
65	Phototautomerization in pyrrolylphenylpyridine terphenyl systems. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4430-42	4.2	8
64	Anthracene adamantylbisurea receptors: switching of anion binding by photocyclization. <i>Tetrahedron</i> , 2015 , 71, 9321-9327	2.4	5

63	Photodeamination Reaction Mechanism in Aminomethyl p-Cresol Derivatives: Different Reactivity of Amines and Ammonium Salts. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10817-28	4.2	20
62	Reactivity of Cations and Zwitterions Formed in Photochemical and Acid-Catalyzed Reactions from m-Hydroxycycloalkyl-Substituted Phenol Derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12420-30	4.2	2
61	Photophysics of cyanophenylpyrroles: Investigation of solvatochromic properties and charge transfer by ultrafast spectroscopy and DFT calculations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 299, 94-102	4.7	1
60	Enhancement of antiproliferative activity by phototautomerization of anthrylphenols. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1082-92	4.2	11
59	Antiproliferative and antiviral activity of three libraries of adamantane derivatives. <i>Archiv Der Pharmazie</i> , 2014 , 347, 334-40	4.3	15
58	HSO ₄ ⁻ Sensing based on proton transfer in H-bonding complexes. <i>Supramolecular Chemistry</i> , 2014 , 26, 850-855	1.8	9
57	Near-visible light generation of a quinone methide from 3-hydroxymethyl-2-anthrol. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4390-7	4.2	17
56	Memory of chirality in the phthalimide photocyclization of adamantane dipeptides. <i>Tetrahedron Letters</i> , 2014 , 55, 4078-4081	2	18
55	Quinone Methides: Photochemical Generation and its Application in Biomedicine. <i>Current Organic Chemistry</i> , 2014 , 18, 3-18	1.7	31
54	Photodecarboxylation of N-Adamantyl- and N-Phenylphthalimide Dipeptide Derivatives. <i>Croatica Chemica Acta</i> , 2014 , 87, 431-446	0.8	6
53	Photosolvolysis of bulky (4-hydroxyphenyl)naphthalene derivatives. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 2043-56	4.2	3
52	Conformational preference of glycinamide in solution: an answer derived from combined experimental and computational studies. <i>Journal of Molecular Graphics and Modelling</i> , 2013 , 46, 52-8	2.8	1
51	Aryl substituted adamantane π -pyrromethanes: chromogenic and fluorescent anion sensors. <i>Tetrahedron</i> , 2013 , 69, 1725-1734	2.4	10
50	Adamantane bisurea derivatives: anion binding in the solution and in the solid state. <i>Tetrahedron</i> , 2013 , 69, 517-526	2.4	24
49	Photoinduced H-Abstraction in Homo- and Protoadamantylphthalimide Derivatives in Solution and in Organized and Constrained Media. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 929-938	3.2	7
48	Atropisomerism in 1-(2-adamantyl)naphthalene Derivatives. <i>Journal of Molecular Structure</i> , 2013 , 1046, 101-109	3.4	2
47	Excited state intramolecular proton transfer (ESIPT) from phenol to carbon in selected phenyl-naphthols and naphthylphenols. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1811-23	4.2	36
46	Photophysical study of the aggregation of naphthyl-, anthryl- and pyrenyl-adamantanebisurea derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 229, 1-10	4.7	16

45	Synthesis and structural elucidation of diversely functionalized 5,10-diaza[5]helicenes. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10176-83	4.2	31
44	Zwitterionic biphenyl quinone methides in photodehydration reactions of 3-hydroxybiphenyl derivatives: laser flash photolysis and antiproliferation study. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 381-96	4.2	21
43	Evaluation of antiproliferative effect of N-(alkyladamantyl)phthalimides in vitro. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 497-506	2.9	15
42	Sterically congested adamantylnaphthalene quinone methides. <i>Journal of Organic Chemistry</i> , 2012 , 77, 4596-610	4.2	28
41	Very efficient generation of quinone methides through excited state intramolecular proton transfer to a carbon atom. <i>Chemistry - A European Journal</i> , 2012 , 18, 10617-23	4.8	27
40	Competing photodehydration and excited-state intramolecular proton transfer (ESIPT) in adamantyl derivatives of 2-phenylphenols. <i>Canadian Journal of Chemistry</i> , 2011 , 89, 221-234	0.9	20
39	Photoinduced homolytic C-H activation in N-(4-homoadamantyl)phthalimide. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 270-7	2.5	7
38	Sterically congested quinone methides in photodehydration reactions of 4-hydroxybiphenyl derivatives and investigation of their antiproliferative activity. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1910-25	4.2	23
37	Hydrolysis and retro-aldol cleavage of ethyl threo-2-(1-adamantyl)-3-hydroxybutyrate: competing reactions. <i>Journal of Physical Organic Chemistry</i> , 2011 , 24, 578-587	2.1	3
36	Optimization of the Suzuki coupling reaction in the synthesis of 2-[(2-substituted)phenyl]pyrrole derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 1329-1335	1.9	12
35	Photoinduced decarboxylation of 3-(N-phthalimido)adamantane-1-carboxylic acid and radical addition to electron deficient alkenes. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 610-7	4.2	24
34	Phosphate selective alkylenebisurea receptors: structure-binding relationship. <i>Tetrahedron</i> , 2011 , 67, 3846-3857	2.4	22
33	Photochemical deuterium exchange in phenyl-substituted pyrroles and indoles in CD ₃ CN-D ₂ O. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 779-90	4.2	8
32	Photochemical formation and chemistry of long-lived adamantylidene-quinone methides and 2-adamantyl cations. <i>Journal of Organic Chemistry</i> , 2010 , 75, 102-16	4.2	28
31	Anion recognition through hydrogen bonding by adamantane-dipyrromethane receptors. <i>Tetrahedron</i> , 2010 , 66, 1689-1698	2.4	14
30	Photoinduced hydrogen atom abstraction in N-(adamantyl)phthalimides: structure-reactivity study in the solid state. <i>Tetrahedron</i> , 2009 , 65, 1438-1443	2.4	18
29	Synthesis, structural characterization, and anion binding ability of sterically congested adamantane-calix[4]pyrroles and adamantane-calixphyrins. <i>Tetrahedron</i> , 2009 , 65, 2051-2058	2.4	18
28	Photoinitiated domino reactions: N-(adamantyl)phthalimides and N-(adamantylalkyl)phthalimides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8219-31	4.2	25

27	Novel 2,4-methanoadamantane-benzazepine by domino photochemistry of N-(1-adamantyl)phthalimide. <i>Organic Letters</i> , 2008 , 10, 3965-8	6.2	23
26	Conformational analysis of 2-(1-adamantyl)-3-hydroxybutyric acid by ¹ H NMR spectroscopy and computational studies. <i>Journal of Molecular Structure</i> , 2008 , 888, 238-243	3-4	4
25	Fluorescence lifetime standards for time and frequency domain fluorescence spectroscopy. <i>Analytical Chemistry</i> , 2007 , 79, 2137-49	7.8	338
24	Adamantane-retropeptides, new building blocks for molecular channels. <i>Tetrahedron</i> , 2007 , 63, 7985-7996	4	18
23	Adamantane-dipyrromethanes: novel anion receptors. <i>Tetrahedron Letters</i> , 2007 , 48, 7873-7877	2	19
22	Substituent effects in the intramolecular photoredox reactions of benzophenones in aqueous solution. <i>Canadian Journal of Chemistry</i> , 2007 , 85, 561-571	0.9	15
21	Competing excited state intramolecular proton transfer pathways from phenol to anthracene moieties. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2677-86	4.2	42
20	Excited state proton transfer (ESPT) from phenol to nitrogen and carbon in (2-hydroxyphenyl)pyridines. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 656-64	4.2	32
19	Photochemistry of o-pyrrolylstilbenes and formation of spiro-2H-pyrroles and their rearrangement to dihydroindoles. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9382-92	4.2	34
18	Photophysics of the fluorescent pH indicator BCECF. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 9334-43	2.8	53
17	3-Acetamidoadamantane-1-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5406-o5408		1
16	Synthesis and spectroscopic characterisation of BODIPY based fluorescent off-on indicators with low affinity for calcium. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 2755-61	3.9	68
15	Experimental design for the estimation of photophysical parameters of the two-state excited-state proton-exchange reaction in the presence of pH buffer. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 4221-30	2.8	4
14	BODIPY-based hydroxyaryl derivatives as fluorescent pH probes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4152-7	4.2	293
13	Synthesis and photochemistry of beta,beta-bis(2-furyl)-substituted o-divinylbenzenes: intra- and/or intermolecular cycloaddition as an effect of annelation. <i>Chemistry - A European Journal</i> , 2005 , 11, 543-51	4.8	36
12	Photochemistry of E-(4-sydnonyl)-o-divinylbenzene: competitive cis-trans isomerization and photolysis. <i>Tetrahedron Letters</i> , 2004 , 45, 9057-9060	2	23
11	Identifiability of the Model of the Intermolecular Excited-State Proton Exchange Reaction in the Presence of pH Buffer. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 8180-8189	2.8	20
10	Photochemistry of stilbenyl-pyrroles: a new approach to indole and isoindole derivatives. <i>Tetrahedron Letters</i> , 2003 , 44, 7337-7340	2	14

- 9 Structure elucidation of the photoproducts obtained by the photolysis of N-acetyl-2-styrylpyrroles. *Journal of Photochemistry and Photobiology A: Chemistry*, **2003**, 154, 123-130 4.7 8
- 8 Photochemical formation of novel pyrrolo[3,2-b]-6,7-benzobicyclo[3.2.1]octa-2,6-diene. *Journal of Organic Chemistry*, **2003**, 68, 7524-7 4.2 22
- 7 Photoelectron Spectra, Electronic Structures, and Conformational Properties of Substituted 2-Styrylpyrroles. *European Journal of Organic Chemistry*, **2002**, 2002, 551-556 3.2 7
- 6 (E)-5-Methyl-2-(2-methylstyryl)pyrrole. *Acta Crystallographica Section E: Structure Reports Online*, **2002**, 58, o909-o910
- 5 Photochemical transformations of 2,2R(1,2-phenylenedivinylene)-dipyrroles. *Photochemical and Photobiological Sciences*, **2002**, 1, 1017-23 4.2 13
- 4 Photochemical formation of 2-acetyl-7-methylbenz[e]indole. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o1252-o1254 2
- 3 New photoinduced intramolecular ring closure to a benzopentalenopyrrole derivative from 5,5?-dimethyl-2,2?-(o-phenylenedivinylene)dipyrrole. *Tetrahedron Letters*, **2001**, 42, 3641-3643 2 20
- 2 Observation of the Primary Intermediates in the Photochemistry of o-Vinylstyrylfurans. *Heterocycles*, **2001**, 55, 1889 0.8 23
- 1 Photochemical Formation of Indanylpyrrole Derivatives from 2,2?-(o-Phenylenedivinylene)dipyrrole. *Tetrahedron*, **2000**, 56, 1587-1593 2.4 21