

# Nikola Basaric

## List of Publications by Year in descending order

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104  
papers

2,511  
citations

293460

24  
h-index

252626

46  
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108  
all docs

108  
docs citations

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times ranked

3298  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 422, 113567.	2.0	4
2	Photogeneration of quinone methide from adamantylphenol in an ultrafast non-adiabatic dehydration reaction. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4384-4393.	1.3	2
3	Chromo-Orthogonal Deprotection of Carboxylic Acids by Aminonaphthalene and Aminoaniline Photocages. <i>Journal of Organic Chemistry</i> , 2022, 87, 2489-2500.	1.7	3
4	Excited State Intramolecular Proton Transfer (ESIPT) from -NH <sub>2</sub> to the Carbon Atom of a Naphthyl Ring. <i>Journal of Organic Chemistry</i> , 2022, 87, 9148-9156.	1.7	1
5	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.	1.5	7
6	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, 113109.	2.0	3
7	Photochemical Reactivity of Naphthol-Naphthalimide Conjugates and Their Biological Activity. <i>Molecules</i> , 2021, 26, 3355.	1.7	1
8	Non-Covalent Binding of Tripeptides-Containing Tryptophan to Polynucleotides and Photochemical Deamination of Modified Tyrosine to Quinone Methide Leading to Covalent Attachment. <i>Molecules</i> , 2021, 26, 4315.	1.7	1
9	Spectroscopic and photophysical properties of mono- and dithiosubstituted BODIPY dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112206.	2.0	17
10	Labeling of Proteins by BODIPY-Quinone Methides Utilizing Anti-Kasha Photochemistry. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 347-351.	4.0	22
11	Photophysical properties and electron transfer photochemical reactivity of substituted phthalimides. <i>New Journal of Chemistry</i> , 2020, 44, 17252-17266.	1.4	8
12	[3 + 2] Cycloaddition with photogenerated azomethine ylides in $\beta$ -cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1296-1304.	1.3	1
13	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.	6.6	4
14	Substituted adamantylphthalimides: Synthesis, antiviral and antiproliferative activity. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000024.	2.1	7
15	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.	4.0	18
16	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.	1.6	4
17	Formation of Quinone Methides by Ultrafast Photodeamination: A Spectroscopic and Computational Study. <i>Journal of Organic Chemistry</i> , 2019, 84, 8630-8637.	1.7	9
18	Competing photochemical reactions of bis-naphthols and their photoinduced antiproliferative activity. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1197-1211.	1.6	3

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19	Bifunctional Phenol Quinone Methide Precursors: Synthesis and Biological Activity. <i>Croatica Chemica Acta</i> , 2019, 92, 29-41.	0.1	2
20	The Phenanthridine-modified Tyrosine Dipeptide. <i>Croatica Chemica Acta</i> , 2019, 92, 249-258.	0.1	3
21	Ultrafast Adiabatic Photodehydration of 2-Hydroxymethylphenol and the Formation of Quinone Methide. <i>Chemistry - A European Journal</i> , 2018, 24, 9426-9435.	1.7	10
22	Photodeamination to quinone methides in cucurbit[urils]: potential application in drug delivery. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8908-8912.	1.5	8
23	Photocyclization of Tetra- and Pentapeptides Containing Adamantylphthalimide and Phenylalanines: Reaction Efficiency and Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 2018, 83, 14905-14922.	1.7	10
24	Synthesis and photochemical reactivity of phthalimidoadamantane-tyrosine conjugates. <i>Research on Chemical Intermediates</i> , 2017, 43, 5305-5320.	1.3	2
25	Photochemical Formation of Anthracene Quinone Methide Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 6006-6021.	1.7	21
26	Photochemistry of 1- and 2-Naphthols and Their Water Clusters: The Role of $L_a$ Mediated Hydrogen Transfer to Carbon Atoms. <i>Chemistry - A European Journal</i> , 2017, 23, 8244-8251.	1.7	18
27	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.	1.3	6
28	Synthesis of asymmetrically disubstituted anthracenes. <i>Tetrahedron</i> , 2017, 73, 5892-5899.	1.0	13
29	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.	6.6	9
30	Hydroxymethylaniline Photocages for Carboxylic Acids and Alcohols. <i>Journal of Organic Chemistry</i> , 2017, 82, 12554-12568.	1.7	8
31	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.	2.6	19
32	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.	1.3	1
33	Photodecarboxylation of Adamantane Amino Acids Activated by Phthalimide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4404-4414.	1.2	14
34	Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies, and crystal structure determination. <i>Monatshfte für Chemie</i> , 2016, 147, 1825-1837.	0.9	5
35	Photochemical formation of quinone methides from peptides containing modified tyrosine. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10894-10905.	1.5	6
36	In vitro investigation of the antimicrobial activity of a series of lipophilic phenols and naphthols. <i>South African Journal of Chemistry</i> , 2016, 69, .	0.3	5

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37	Enhancement of antiproliferative activity by phototautomerization of anthrylphenols. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1082-1092.	1.6	11
38	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, 9205-9211.	1.3	9
39	Anion binding with urea and thiourea derivatives. <i>Coordination Chemistry Reviews</i> , 2015, 295, 80-124.	9.5	247
40	Phototautomerization in Pyrrolylphenylpyridine Terphenyl Systems. <i>Journal of Organic Chemistry</i> , 2015, 80, 4430-4442.	1.7	9
41	Anthracene adamantylbisurea receptors: switching of anion binding by photocyclization. <i>Tetrahedron</i> , 2015, 71, 9321-9327.	1.0	9
42	Photodeamination Reaction Mechanism in Aminomethyl <i>p</i> -Cresol Derivatives: Different Reactivity of Amines and Ammonium Salts. <i>Journal of Organic Chemistry</i> , 2015, 80, 10817-10828.	1.7	27
43	Reactivity of Cations and Zwitterions Formed in Photochemical and Acid-Catalyzed Reactions from <i>m</i> -Hydroxycycloalkyl-Substituted Phenol Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 12420-12430.	1.7	4
44	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.	2.0	1
45	Quinone Methides: Photochemical Generation and its Application in Biomedicine. <i>Current Organic Chemistry</i> , 2014, 18, 3-18.	0.9	41
46	Photodecarboxylation of N-Adamantyl- and N-Phenylphthalimide Dipeptide Derivatives. <i>Croatica Chemica Acta</i> , 2014, 87, 431-446.	0.1	7
47	Antiproliferative and Antiviral Activity of Three Libraries of Adamantane Derivatives. <i>Archiv Der Pharmazie</i> , 2014, 347, 334-340.	2.1	18
48	HSO <sub>4</sub> <sup>-</sup> sensing based on proton transfer in H-bonding complexes. <i>Supramolecular Chemistry</i> , 2014, 26, 850-855.	1.5	14
49	Near-Visible Light Generation of a Quinone Methide from 3-Hydroxymethyl-2-anthrol. <i>Journal of Organic Chemistry</i> , 2014, 79, 4390-4397.	1.7	23
50	Memory of chirality in the phthalimide photocyclization of adamantane dipeptides. <i>Tetrahedron Letters</i> , 2014, 55, 4078-4081.	0.7	23
51	Photosolvolysis of bulky (4-hydroxyphenyl)-naphthalene derivatives. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 2043-2056.	1.6	4
52	Conformational preference of glycnamide in solution: An answer derived from combined experimental and computational studies. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 46, 52-58.	1.3	1
53	Aryl substituted adamantane <sup>2</sup> -dipyrrromethanes: chromogenic and fluorescent anion sensors. <i>Tetrahedron</i> , 2013, 69, 1725-1734.	1.0	15
54	Adamantane bisurea derivatives: anion binding in the solution and in the solid state. <i>Tetrahedron</i> , 2013, 69, 517-526.	1.0	26

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55	Photoinduced H <sub>2</sub> O-Abstraction in Homo <sup>+</sup> and Protoadamantylphthalimide Derivatives in Solution and in Organized and Constrained Media. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 929-938.	1.2	7
56	Atropisomerism in 1-(2-adamantyl)naphthalene Derivatives. <i>Journal of Molecular Structure</i> , 2013, 1046, 101-109.	1.8	4
57	Excited State Intramolecular Proton Transfer (ESIPT) from Phenol to Carbon in Selected Phenylnaphthols and Naphthylphenols. <i>Journal of Organic Chemistry</i> , 2013, 78, 1811-1823.	1.7	40
58	Synthesis and Structural Elucidation of Diversely Functionalized 5,10-Diaza[5]Helicenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 10176-10183.	1.7	36
59	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, 381-396.	1.6	25
60	Evaluation of Antiproliferative Effect of <i>N</i> -(alkyladamantyl)phthalimides <i>in vitro</i> . <i>Chemical Biology and Drug Design</i> , 2012, 79, 497-506.	1.5	16
61	Sterically Congested Adamantyl-naphthalene Quinone Methides. <i>Journal of Organic Chemistry</i> , 2012, 77, 4596-4610.	1.7	36
62	Very Efficient Generation of Quinone Methides through Excited State Intramolecular Proton Transfer to a Carbon Atom. <i>Chemistry - A European Journal</i> , 2012, 18, 10617-10623.	1.7	28
63	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.	2.0	17
64	Photoinduced decarboxylation of 3-( <i>N</i> -phthalimido)adamantane-1-carboxylic acid and radical addition to electron deficient alkenes. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 610-617.	1.6	27
65	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.	0.6	22
66	Photoinduced homolytic C-H activation in <i>N</i> -(4-homoadamantyl)phthalimide. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 270-277.	1.3	7
67	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, 1910-1925.	1.6	29
68	Hydrolysis and retroaldol cleavage of ethyl <i>threo</i> -(1-(adamantyl)-3-hydroxybutyrate: competing reactions. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 578-587.	0.9	5
69	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.	1.4	14
70	Phosphate selective alkylenebisurea receptors: structure-binding relationship. <i>Tetrahedron</i> , 2011, 67, 3846-3857.	1.0	24
71	Photochemical Formation and Chemistry of Long-Lived Adamantylidene-Quinone Methides and 2-Adamantyl Cations. <i>Journal of Organic Chemistry</i> , 2010, 75, 102-116.	1.7	33
72	Anion recognition through hydrogen bonding by adamantane-dipyrromethane receptors. <i>Tetrahedron</i> , 2010, 66, 1689-1698.	1.0	17

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73	Photochemical deuterium exchange in phenyl-substituted pyrroles and indoles in CD <sub>3</sub> CN-D <sub>2</sub> O. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 779-790.	1.6	9
74	Photoinduced hydrogen atom abstraction in N-(adamantyl)phthalimides: structure-reactivity study in the solid state. <i>Tetrahedron</i> , 2009, 65, 1438-1443.	1.0	20
75	Synthesis, structural characterization, and anion binding ability of sterically congested adamantane-calix[4]pyrroles and adamantane-calixphyrins. <i>Tetrahedron</i> , 2009, 65, 2051-2058.	1.0	20
76	Photoinitiated Domino Reactions: N-(Adamantyl)phthalimides and N-(Adamantylalkyl)phthalimides. <i>Journal of Organic Chemistry</i> , 2009, 74, 8219-8231.	1.7	27
77	Conformational analysis of 2-(1-adamantyl)-3-hydroxybutyric acid by <sup>1</sup> H NMR spectroscopy and computational studies. <i>Journal of Molecular Structure</i> , 2008, 888, 238-243.	1.8	4
78	Novel 2,4-Methanoadamantane-Benzazepine by Domino Photochemistry of N-(1-adamantyl)phthalimide. <i>Organic Letters</i> , 2008, 10, 3965-3968.	2.4	24
79	Substituent effects in the intramolecular photoredox reactions of benzophenones in aqueous solution. <i>Canadian Journal of Chemistry</i> , 2007, 85, 561-571.	0.6	17
80	Fluorescence Lifetime Standards for Time and Frequency Domain Fluorescence Spectroscopy. <i>Analytical Chemistry</i> , 2007, 79, 2137-2149.	3.2	397
81	Adamantane-retropeptides, new building blocks for molecular channels. <i>Tetrahedron</i> , 2007, 63, 7985-7996.	1.0	20
82	Adamantane-dipyrromethanes: novel anion receptors. <i>Tetrahedron Letters</i> , 2007, 48, 7873-7877.	0.7	22
83	Competing Excited State Intramolecular Proton Transfer Pathways from Phenol to Anthracene Moieties. <i>Journal of Organic Chemistry</i> , 2006, 71, 2677-2686.	1.7	46
84	Excited state proton transfer (ESPT) from phenol to nitrogen and carbon in (2-hydroxyphenyl)pyridines. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 656.	1.6	36
85	Photochemistry of o-Pyrrolylstilbenes and Formation of Spiro-2H-pyrroles and Their Rearrangement to Dihydroindoles. <i>Journal of Organic Chemistry</i> , 2006, 71, 9382-9392.	1.7	34
86	Photophysics of the Fluorescent pH Indicator BCECF. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9334-9343.	1.1	63
87	3-Acetamidoadamantane-1-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o5406-o5408.	0.2	1
88	Synthesis and Photochemistry of Di(2-furyl)-Substitutedo-Divinylbenzenes: Intra- and/or Intermolecular Cycloaddition as an Effect of Annelation. <i>Chemistry - A European Journal</i> , 2005, 11, 543-551.	1.7	38
89	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.	1.5	71
90	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, 4221-4230.	1.1	4

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91	BODIPY-Based Hydroxyaryl Derivatives as Fluorescent pH Probes. <i>Journal of Organic Chemistry</i> , 2005, 70, 4152-4157.	1.7	316
92	Photochemistry of Stilbenyl-Pyrroles: A New Approach to Indole and Isoindole Derivatives.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
93	Photochemistry of $\hat{I}^2$ -(4-sydnonyl)-o-divinylbenzene: competitive cis $\hat{I}^2$ trans isomerization and photolysis. <i>Tetrahedron Letters</i> , 2004, 45, 9057-9060.	0.7	24
94	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.	1.1	25
95	Photochemistry of stilbenyl-pyrroles: a new approach to indole and isoindole derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 7337-7340.	0.7	17
96	Structure elucidation of the photoproducts obtained by the photolysis of N-acetyl-2-styrylpyrroles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 154, 123-130.	2.0	8
97	Photochemical Formation of Novel Pyrrolo[3,2-b]-6,7-benzobicyclo[3.2.1]octa- 2,6-diene. <i>Journal of Organic Chemistry</i> , 2003, 68, 7524-7527.	1.7	25
98	Photochemical transformations of 2,2 $\hat{I}^2$ -(1,2-phenylenedivinylene)dipyrroles. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 1017-1023.	1.6	14
99	Photoelectron Spectra, Electronic Structures, and Conformational Properties of Substituted 2-Styrylpyrroles. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 551-556.	1.2	7
100	(E)-5-Methyl-2-(2-methylstyryl)pyrrole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o909-o910.	0.2	0
101	Photochemical formation of 2-acetyl-7-methylbenz[e]indole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o1252-o1254.	0.2	2
102	New photoinduced intramolecular ring closure to a benzopentaleno $\hat{I}^2$ pyrrole derivative from 5,5 $\hat{I}^2$ -dimethyl-2,2 $\hat{I}^2$ -( o -phenylenedivinylene)dipyrrole. <i>Tetrahedron Letters</i> , 2001, 42, 3641-3643.	0.7	20
103	Observation of the Primary Intermediates in the Photochemistry of o-Vinylstyrylfurans. <i>Heterocycles</i> , 2001, 55, 1889.	0.4	25
104	Photochemical Formation of Indanylpyrrole Derivatives from 2,2 $\hat{I}^2$ -(o-Phenylenedivinylene)dipyrrole. <i>Tetrahedron</i> , 2000, 56, 1587-1593.	1.0	24