

# Bohdan Skalski

## List of Publications by Year in descending order

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39  
papers

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citations

687363

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677142

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times ranked

433  
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#	ARTICLE	IF	CITATIONS
1	Thermally reversible and irreversible interstrand photocrosslinking of 5-chloro-2-deoxy-4-thiouridine modified DNA oligonucleotides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1292-1295.	2.8	2
2	The influence of ligand charge and length on the assembly of <i>Brome mosaic virus</i> derived virus-like particles with magnetic core. <i>AIP Advances</i> , 2018, 8, .	1.3	16
3	Photochemical Behavior of 2-Azidopurine Tri-O-Acetylribonucleoside in Aqueous Solution: Unprecedented Transformation into 1-(5-O-Acetyl-2-thio-2-deoxy-D-Ribofuranosyl)-5-[(2-Oxo-1,3,5-Oxadiazocan-4-Ylidene)Amino]-1-H-Imidazole-4-Carbaldehyde Nucleosides. <i>Nucleotides and Nucleic Acids</i> , 2015, 34, 235-245.	1.1	4
4	Photochemistry of 6-amino-2-azido, 2-amino-6-azido and 2,6-diazido analogues of purine ribonucleosides in aqueous solutions. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 563-573.	2.9	8
5	Highly Efficient Fluorescent Interstrand Photo-crosslinking of DNA Duplexes Labeled with 5-Fluoro-4-thio-2-deoxy-2-methyluridine. <i>ChemBioChem</i> , 2014, 15, 2045-2049.	2.6	7
6	Biological evaluation of an imidazole-fused 1,3,5-triazepinone nucleoside and its photochemical generation via a 6-azidopurine modified oligonucleotide. <i>Tetrahedron Letters</i> , 2013, 54, 3781-3784.	1.4	10
7	Photoaddition of 5-Bromouracil to Uracil in Oligonucleotides Leading to 5,5-Bipyrimidine-Type Adducts: Mechanism of the Photoreaction. <i>Journal of Organic Chemistry</i> , 2012, 77, 11362-11367.	3.2	5
8	Photochemistry of 6-azidopurine ribonucleoside in aqueous solution. <i>Tetrahedron Letters</i> , 2012, 53, 2316-2318.	1.4	7
9	5-Fluoro-4-thiouridine phosphoramidite: New synthon for introducing photoaffinity label into oligodeoxynucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6098-6106.	3.0	11
10	Photoinduced Fluorescent Cross-Linking of 5-Chloro- and 5-Fluoro-4-thiouridines with Thymidine. <i>Journal of Organic Chemistry</i> , 2010, 75, 621-626.	3.2	13
11	Synthesis of an acyclic nucleoside analog of highly fluorescent luminarosine. <i>Tetrahedron Letters</i> , 2009, 50, 1671-1673.	1.4	4
12	Putative phototautomerization of 4-thiouridine in the S <sub>2</sub> excited state revealed by fluorescence study using picosecond laser spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 12-18.	3.9	9
13	Generation of Thiyl Radicals by the Photolysis of 5-Iodo-4-thiouridine. <i>Journal of Organic Chemistry</i> , 2005, 70, 982-988.	3.2	13
14	Solvatochromism of a Novel Betaine Dye Derived from Purine. <i>Journal of Physical Chemistry A</i> , 2005, 109, 759-766.	2.5	80
15	Spectral and photophysical properties of the lowest excited triplet state of 4-thiouridine and its 5-halogeno derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 168, 227-233.	3.9	21
16	Intra- and Intermolecular Electronic Relaxation of the Second Excited Singlet and the Lowest Excited Triplet States of 1,3-Dimethyl-4-thiouracil in Solution. <i>Photochemistry and Photobiology</i> , 2002, 75, 448.	2.5	16
17	Photocycloaddition of 5-bromouracil to uracil in a dinucleotide model compound. <i>Tetrahedron Letters</i> , 2002, 43, 5127-5129.	1.4	9
18	Intra- and Intermolecular Electronic Relaxation of the Second Excited Singlet and the Lowest Excited Triplet States of 1,3-Dimethyl-4-thiouracil in Solution. <i>Photochemistry and Photobiology</i> , 2002, 75, 448-456.	2.5	1

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19	Synthesis and Fluorescence Quenching Study of the Novel Cationic Probe Derived from Luminarosine. <i>Helvetica Chimica Acta</i> , 2001, 84, 3726-3734.	1.6	5
20	Long-wavelength iodide-sensitive fluorescent indicators for measurement of functional CFTR expression in cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C1008-C1018.	4.6	59
21	Postsynthetic Transformations of Oligodeoxynucleotides Originated at 6-Methylthio-purine Site. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 979-982.	1.1	7
22	Photochemistry of N-(pyrimidin-2-one-4-yl)pyridinium derivatives. The ring contraction of pyrimidinone into imidazolinone. <i>Canadian Journal of Chemistry</i> , 1995, 73, 2178-2184.	1.1	4
23	Pyridine assisted phosphorylations of nucleobase bis-lactam systems. Formation and reactivity of dipyridinium species.. <i>Tetrahedron</i> , 1993, 49, 5859-5868.	1.9	4
24	Ultrasonic relaxation studies of mixed micelles formed from propanol-decyltrimethylammonium bromide-water. <i>The Journal of Physical Chemistry</i> , 1992, 96, 2348-2355.	2.9	27
25	Ultrasonic relaxation studies of mixed micelles formed from alcohol-decyltrimethylammonium bromide-water. <i>The Journal of Physical Chemistry</i> , 1992, 96, 6811-6817.	2.9	29
26	Transformation of 1-methyluracils and uridine to respective, 4-substituted pyrimidin-2(1H)-ones via pyridinium salts. <i>Canadian Journal of Chemistry</i> , 1992, 70, 856-862.	1.1	7
27	Photochemistry of N-[9-(2',3',5'-tri-O-acetyl-.beta.-D-ribofuranosyl)purin-6-yl]-pyridinium chloride in aqueous solutions. Mechanism of the formation of tri-O-acetyl luminarosine. <i>Journal of the American Chemical Society</i> , 1991, 113, 1756-1762.	13.7	14
28	X-Ray Crystal Structure of Luminarine - Aglycone of Highly Fluorescent Luminarosine. <i>Nucleosides &amp; Nucleotides</i> , 1991, 10, 603-605.	0.5	4
29	Photophysical properties of pyridinium salts derived from purine bases. <i>Canadian Journal of Chemistry</i> , 1990, 68, 2164-2170.	1.1	12
30	Photophysical studies of luminarosine - A new, highly fluorescent ribonucleoside with pteridine-like betaine as the aglycone. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 1691-1696.	0.9	18
31	Photocycloaddition of cytosine to 5-methoxyuracil in dinucleotide model compound. <i>Canadian Journal of Chemistry</i> , 1988, 66, 1027-1031.	1.1	10
32	Synthesis and Carbon-13 Magnetic Spectra of Pyridinium Salts Derived from Nucleosides and Nucleobases. <i>Heterocycles</i> , 1988, 27, 2807.	0.7	3
33	Fluorescent nucleoside with a new heterocyclic betaine as the aglycone photochemical preparation and properties. <i>Tetrahedron</i> , 1987, 43, 3955-3961.	1.9	17
34	Synthesis of 6-Substituted Purines and Ribonucleosides with N-(6-Purinyl)pyridinium Salts. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 1054-1055.	4.4	17
35	New, ionic side-products in oligonucleotide synthesis: formation and reactivity of fluorescent N-[purin-6-yl]pyridinium salts. <i>Nucleic Acids Research</i> , 1985, 13, 2989-3003.	14.5	55
36	Salt- and solvent-dependent conformational transitions of ribo-CGCGCG duplex. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1985, 825, 345-352.	2.4	16

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37	Photocycloaddition of 6-Oxopurines and Thymine to Products with Cyclobutane Part Structures. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 623-624.	4.4	7
38	Unconventional model of polynucleotides. Cyclic tetramer derived from 1.3-trimethylene thymine. Physical and photochemical properties. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 995-1001.	2.1	5
39	The further investigation of physical and photochemical properties of quasimetacyclophane derived from thymine. <i>Biochemical and Biophysical Research Communications</i> , 1979, 91, 375-382.	2.1	9