Tomasz Goslinski

List of Publications by Year in descending order

103 papers	3,190 citations	218677 26 h-index	175258 52 g-index
107 all docs	107 docs citations	107 times ranked	3400 citing authors

#	Article	IF	Citations
1	Photodynamic Therapy in Dentistry. Journal of Dental Research, 2007, 86, 694-707.	5.2	680
2	Titanium Dioxide Nanoparticles: Prospects and Applications in Medicine. Nanomaterials, 2020, 10, 387.	4.1	333
3	Titanium Dioxide Nanoparticles in Food and Personal Care Productsâ€"What Do We Know about Their Safety?. Nanomaterials, 2020, 10, 1110.	4.1	126
4	Fluorinated porphyrinoids and their biomedical applications. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2011, 12, 304-321.	11.6	104
5	Current status of liposomal porphyrinoid photosensitizers. Drug Discovery Today, 2013, 18, 776-784.	6.4	88
6	Phthalocyanine Derivatives Possessing 2-(Morpholin-4-yl)ethoxy Groups As Potential Agents for Photodynamic Therapy. Journal of Medicinal Chemistry, 2015, 58, 2240-2255.	6.4	72
7	Photosensitizers Mediated Photodynamic Inactivation Against Virus Particles. Mini-Reviews in Medicinal Chemistry, 2015, 15, 503-521.	2.4	67
8	Crosslinking of Chitosan with Dialdehyde Chitosan as a New Approach for Biomedical Applications. Materials, 2020, 13, 3413.	2.9	62
9	Antimicrobial and anticancer photodynamic activity of a phthalocyanine photosensitizer with N -methyl morpholiniumethoxy substituents in non-peripheral positions. Journal of Inorganic Biochemistry, 2017, 172, 67-79.	3.5	60
10	Functionality stored in the structures of cyclodextrinâ€"porphyrinoid systems. Coordination Chemistry Reviews, 2015, 300, 101-120.	18.8	54
11	In vitro and in vivo biological activities of azulene derivatives with potential applications in medicine. Medicinal Chemistry Research, 2021, 30, 834-846.	2.4	54
12	Functional singlet oxygen generators based on porphyrazines with peripheral 2,5-dimethylpyrrol-1-yl and dimethylamino groups. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 269, 9-16.	3.9	48
13	Fluorescent Tricyclic Analogues of Acyclovir and Ganciclovir. A Structureâ^'Antiviral Activity Study. Journal of Medicinal Chemistry, 2001, 44, 4284-4287.	6.4	46
14	Phthalocyanines functionalized with 2-methyl-5-nitro-1H-imidazolylethoxy and 1,4,7-trioxanonyl moieties and the effect of metronidazole substitution on photocytotoxicity. Journal of Inorganic Biochemistry, 2013, 127, 62-72.	3.5	42
15	Diazepinoporphyrazines Containing Peripheral Styryl Substituents and Their Promising Nanomolar Photodynamic Activity against Oral Cancer Cells in Liposomal Formulations. ChemMedChem, 2014, 9, 1775-1782.	3.2	38
16	Photochemical studies and nanomolar photodynamic activities of phthalocyanines functionalized with 1,4,7-trioxanonyl moieties at their non-peripheral positions. Journal of Inorganic Biochemistry, 2016, 155, 76-81.	3.5	36
17	Photophysical properties and photocytotoxicity of novel phthalocyanines â€“ potentially useful for their application in photodynamic therapy. Polyhedron, 2011, 30, 1538-1546.	2.2	35
18	Synthesis, physicalâ€"chemical properties and in vitro photodynamic activity against oral cancer cells of novel porphyrazines possessing fluoroalkylthio and dietherthio substituents. Journal of Fluorine Chemistry, 2012, 135, 265-271.	1.7	35

#	Article	IF	Citations
19	Dendrimeric Sulfanyl Porphyrazines: Synthesis, Physicoâ€€Chemical Characterization, and Biological Activity for Potential Applications in Photodynamic Therapy. ChemPlusChem, 2016, 81, 460-470.	2.8	34
20	Photodynamic therapy of cancer with liposomal photosensitizers. Therapeutic Delivery, 2018, 9, 823-832.	2.2	34
21	Titanium Dioxide-Based Photocatalysts for Degradation of Emerging Contaminants including Pharmaceutical Pollutants. Applied Sciences (Switzerland), 2021, 11, 8674.	2.5	34
22	Synthesis and Biological Activity of Strongly Fluorescent Tricyclic Analogues of Acyclovir and Ganciclovir. Journal of Medicinal Chemistry, 2002, 45, 5052-5057.	6.4	29
23	Photochemical and spectral characterization of peripherally modified porphyrazines. Polyhedron, 2009, 28, 3839-3843.	2.2	28
24	Phthalocyanines with bulky substituents at non-peripheral positions â€“ Synthesis and physico-chemical properties. Dyes and Pigments, 2016, 127, 110-115.	3.7	28
25	An enhanced electrochemical nanohybrid sensing platform consisting of reduced graphene oxide and sulfanyl metalloporphyrazines for sensitive determination of hydrogen peroxide and l -cysteine. Dyes and Pigments, 2017, 138, 190-203.	3.7	28
26	Photodynamic inactivation of Enterococcus faecalis by conjugates of zinc(II) phthalocyanines with thymol and carvacrol loaded into lipid vesicles. Inorganica Chimica Acta, 2019, 489, 180-190.	2.4	28
27	Porphyrazines as Molecular Scaffolds:Â Flexible Syntheses of Novel Multimetallic Complexes. Inorganic Chemistry, 2006, 45, 3686-3694.	4.0	27
28	Porphyrazines with peripheral isophthaloxyalkylsulfanyl substituents and their optical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 307-308, 54-67.	3.9	27
29	Sulfanyl porphyrazines: Molecular barrel-like self-assembly in crystals, optical properties and inÂvitro photodynamic activity towards cancer cells. Dyes and Pigments, 2017, 136, 898-908.	3.7	27
30	In vitro photodynamic activity of lipid vesicles with zinc phthalocyanine derivative against Enterococcus faecalis. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 111-118.	3.8	26
31	Photodynamic inactivation of Enterococcus faecalis by non-peripherally substituted magnesium phthalocyanines entrapped in lipid vesicles. Journal of Photochemistry and Photobiology B: Biology, 2018, 188, 100-106.	3.8	25
32	Dendrimers against fungi â€“ A state of the art review. Journal of Controlled Release, 2021, 330, 599-617.	9.9	24
33	Pronounced cytostatic activity and bystander effect of a novel series of fluorescent tricyclic acyclovir and ganciclovir derivatives in herpes simplex virus thymidine kinase gene-transduced tumor cell lines. Gene Therapy, 2002, 9, 1173-1182.	4.5	23
34	Synthesis, characteristics and photochemical studies of novel porphyrazines possessing peripheral 2,5-dimethylpyrrol-1-yl and dimethylamino groups. Tetrahedron Letters, 2012, 53, 2040-2044.	1.4	23
35	Optical properties of a series of pyrrolyl-substituted porphyrazines and their photoinactivation potential against Enterococcus faecalis after incorporation into liposomes. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 368, 104-109.	3.9	23
36	Role of Curcumin and (â˜)-Epigallocatechin-3-O-Gallate in Bladder Cancer Treatment: A Review. Cancers, 2020, 12, 1801.	3.7	23

#	Article	IF	Citations
37	Porphyrazines Peripherally Functionalized with Hybrid Ligands as Molecular Scaffolds for Bimetallic Metal-Ion Coordination. Inorganic Chemistry, 2006, 45, 3983-3989.	4.0	22
38	Photophysical properties and photochemistry of a sulfanyl porphyrazine bearing isophthaloxybutyl substituents. Dyes and Pigments, 2015, 113, 702-708.	3.7	21
39	Improved electrocatalytic response toward hydrogen peroxide reduction of sulfanyl porphyrazine/multiwalled carbon nanotube hybrids deposited on glassy carbon electrodes. Dyes and Pigments, 2016, 134, 569-579.	3.7	21
40	Photophysical properties and photocytotoxicity of free and liposome-entrapped diazepinoporphyrazines on LNCaP cells under normoxic and hypoxic conditions. European Journal of Medicinal Chemistry, 2018, 150, 64-73.	5.5	21
41	Physicochemical properties of liposome-incorporated 2-(morpholin-4-yl)ethoxy phthalocyanines and their photodynamic activity against oral cancer cells. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 445-457.	3.9	21
42	Electrochemical properties of metallated porphyrazines possessing isophthaloxybutylsulfanyl substituents: Application in the electrocatalytic oxidation of hydrazine. Electrochimica Acta, 2015, 168, 216-224.	5.2	20
43	Glycyrrhetinic acid and its derivatives in infectious diseases. Current Issues in Pharmacy and Medical Sciences, 2016, 29, 118-123.	0.4	20
44	Photosensitizing potential of tailored magnetite hybrid nanoparticles functionalized with levan and zinc (II) phthalocyanine. Applied Surface Science, 2020, 524, 146602.	6.1	20
45	Current View on Green Tea Catechins Formulations, Their Interactions with Selected Drugs, and Prospective Applications for Various Health Conditions. Applied Sciences (Switzerland), 2021, 11, 4905.	2.5	19
46	Porphyrazine with bulky 2-(1-adamantyl)-5-phenylpyrrol-1-yl periphery tuning its spectral and electrochemical properties. Polyhedron, 2015, 98, 217-223.	2.2	18
47	The chitosan â€“ Porphyrazine hybrid materials and their photochemical properties. Journal of Photochemistry and Photobiology B: Biology, 2018, 181, 1-13.	3.8	18
48	Potential Aluminium(III)- and Gallium(III)-selective Optical Sensors Based on Porphyrazines. Analytical Sciences, 2011, 27, 511-515.	1.6	17
49	Synthesis, characterization, photochemical properties and cytotoxicity of the novel porphyrazine functionalized with nitroimidazolylbutylsulfanyl groups. Inorganic Chemistry Communication, 2013, 29, 97-100.	3.9	17
50	Synthesis and photochemical properties of unsymmetrical phthalocyanine bearing two 1-adamantylsulfanyl groups at adjacent peripheral positions. Inorganic Chemistry Communication, 2013, 27, 56-59.	3.9	16
51	Synthesis and photochemical characteristics of novel tribenzoporphyrazines possessing peripherally annulated tetrahydrodiazepine and diazepine rings. Polyhedron, 2011, 30, 1004-1011.	2.2	15
52	Synthesis, spectroscopic and photophysical properties of novel styryldiazepinoporphyrazine. Inorganic Chemistry Communication, 2012, 20, 13-17.	3.9	15
53	Liposomal Nanoformulation as a Carrier for Curcumin and pEGCGâ€”Study on Stability and Anticancer Potential. Nanomaterials, 2022, 12, 1274.	4.1	15
54	Unusual cis-diprotonated forms and fluorescent aggregates of non-peripherally alkoxy-substituted metallophthalocyanines. Physical Chemistry Chemical Physics, 2017, 19, 21390-21400.	2.8	14

#	Article	IF	Citations
55	Electrocatalytic NADH Sensing using Electrodes Modified with 2â€{2â€(4â€Nitrophenoxy)ethoxy]ethylthioâ€Substituted Porphyrazine/Singleâ€Walled Carbon Nanotube Hybrids. ChemElectroChem, 2020, 7, 2838-2850.	3.4	14
56	Modeling the photodynamic effect in 2D versus 3D cell culture under normoxic and hypoxic conditions. Free Radical Biology and Medicine, 2021, 162, 309-326.	2.9	14
57	Synthesis and Fluorescent Properties of 6-(4-Biphenylyl)-3,9-dihydro-9-oxo-5H-imidazo[1,2-A]purine Analogues of Acyclovir and Ganciclovir. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 911-914.	1.1	13
58	Synthesis and characterization of periphery-functionalized porphyrazines containing mixed pyrrolyl and pyridylmethylamino groups. Journal of Porphyrins and Phthalocyanines, 2009, 13, 223-234.	0.8	13
59	Influence of bulky pyrrolyl substitent on the physicochemical properties of porphyrazines. Dyes and Pigments, 2015, 112, 138-144.	3.7	13
60	Multiwalled carbon nanotube/sulfanyl porphyrazine hybrids deposited on glassy carbon electrode â€" effect of nitro peripheral groups on electrochemical properties. Journal of Porphyrins and Phthalocyanines, 2017, 21, 295-301.	0.8	13
61	Reduced graphene oxide/iron(II) porphyrazine hybrids on glassy carbon electrode for amperometric detection of NADH and L-cysteine. Journal of Electroanalytical Chemistry, 2019, 848, 113322.	3.8	13
62	Single-walled carbon nanotube/sulfanyl porphyrazine hybrids deposited on glassy carbon electrode for sensitive determination of nitrites. Dyes and Pigments, 2019, 171, 107660.	3.7	12
63	Phthalocyanine-Grafted Titania Nanoparticles for Photodegradation of Ibuprofen. Catalysts, 2020, 10, 1328.	3.5	12
64	Tribenzoporphyrazines with dendrimeric peripheral substituents and their promising photocytotoxic activity against Staphylococcus aureus. Journal of Photochemistry and Photobiology B: Biology, 2020, 204, 111803.	3.8	12
65	Synthesis, characterization and spectroscopic properties of novel periphery â€" functionalized unsymmetrical porphyrazines containing mixed dithienylpyrrolyl and dimethylamino groups. Polyhedron, 2009, 28, 2579-2584.	2.2	11
66	First example of a diazepinoporphyrazine with dendrimeric substituents. Tetrahedron Letters, 2017, 58, 758-761.	1.4	11
67	Spectroscopic and quantum chemical study of phthalocyanines with 1,4,7-trioxanonyl moieties. Journal of Molecular Structure, 2020, 1203, 127371.	3.6	11
68	Photodynamic Activity of Tribenzoporphyrazines with Bulky Periphery against Wound Bacteria. International Journal of Molecular Sciences, 2020, 21, 6145.	4.1	11
69	S-seco-porphyrazine as a new member of the seco-porphyrazine family â€" Synthesis, characterization and photocytotoxicity against cancer cells. Bioorganic Chemistry, 2020, 96, 103634.	4.1	11
70	Experimental and computational study on the reactivity of 2,3-bis[(3-pyridylmethyl)amino]-2(Z)-butene-1,4-dinitrile, a key intermediate for the synthesis of tribenzoporphyrazine bearing peripheral methyl(3-pyridylmethyl)amino substituents. Monatshefte FÃ¼r Chemie, 2011, 142, 599-608.	1.8	10
71	Synthesis and singlet oxygen generation of pyrazinoporphyrazines containing dendrimeric aryl substituents. New Journal of Chemistry, 2017, 41, 3586-3594.	2.8	10
72	Simple modification of titanium(IV) oxide for the preparation of a reusable photocatalyst. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 276, 115559.	3.5	10

#	Article	IF	Citations
73	Substituent â€" Directed Aralkylation and Alkylation Reactions of the Tricyclic Analogues of Acyclovir and Guanosine. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 1911-1929.	1.1	9
74	The Suzuki cross-coupling reaction for the synthesis of porphyrazine possessing bulky 2,5-(biphenyl-4-yl)pyrrol-1-yl substituents in the periphery. Polyhedron, 2015, 102, 462-468.	2.2	9
75	Dialdehyde Starch Nanocrystals as a Novel Cross-Linker for Biomaterials Able to Interact with Human Serum Proteins. International Journal of Molecular Sciences, 2022, 23, 7652.	4.1	9
76	Spectral and photophysical properties of some imidazo[1,2-a]purine derivatives related to acyclovir. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 171-180.	3.9	8
77	Femtosecond studies of the excited-state dynamics of ester-alkyloxy substituted zinc phthalocyanines. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 232, 44-49.	3.9	8
78	Synthesis, characterization and photophysical properties of novel 5,7-disubstituted-1,4-diazepine-2,3-dicarbonitriles. Journal of Molecular Structure, 2016, 1110, 208-214.	3.6	8
79	Photochemical properties and photocytotoxicities against wound bacteria of sulfanyl porphyrazines with bulky peripheral substituents. Journal of Organometallic Chemistry, 2021, 934, 121669.	1.8	8
80	Sulfanyl Porphyrazines with Morpholinylethyl Peripheryâ€"Synthesis, Electrochemistry, and Photocatalytic Studies after Deposition on Titanium(IV) Oxide P25 Nanoparticles. Molecules, 2021, 26, 2280.	3.8	8
81	Magnesium(<scp>ii</scp>) 1-(1-adamantylsulfanyl)phthalocyanine â€" synthesis, photochemical and electrochemical properties. New Journal of Chemistry, 2016, 40, 9774-9780.	2.8	7
82	Cationic porphyrazines with morpholinoethyl substituents â€" Syntheses, optical properties, and photocytotoxicities. Dyes and Pigments, 2022, 197, 109937.	3.7	7
83	Dendrimer Structure Diversity and Tailorability as a Way to Fight Infectious Diseases. , 0, , .		6
84	Electrochemical and catalytic assessment of peripheral bromoaryl-substituted manganese and iron porphyrazines. Dyes and Pigments, 2020, 178, 108370.	3.7	6
85	Synthesis of sulfanyl porphyrazines with bulky peripheral substituents â€" Evaluation of their photochemical properties and biological activity. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 405, 112964.	3.9	6
86	Nipagin-Functionalized Porphyrazine and Phthalocyanineâ€"Synthesis, Physicochemical Characterization and Toxicity Study after Deposition on Titanium Dioxide Nanoparticles P25. Molecules, 2021, 26, 2657.	3.8	6
87	Photochemical properties and promising activity against staphylococci of sulfanyl porphyrazines with dendrimeric moieties. Inorganica Chimica Acta, 2021, 521, 120321.	2.4	6
88	Nurses and Pharmacists in Interdisciplinary Team of Health Care Providers in Photodynamic Therapy. , 2017, , .		4
89	SYNTHESIS AND FLUORESCENT PROPERTIES OF THE TRICYCLIC ANALOGUES OF ACYCLOVIR LINKED WITH NITROGEN HETBROCYCLIC UNITS. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 571-575.	1.1	3
90	Magnesium porphyrazine with peripheral methyl (3,5-dibromophenylmethyl)amino groups â€" synthesis and optical properties. Heterocyclic Communications, 2019, 25, 1-7.	1.2	3

#	Article	IF	Citations
91	X-ray and NMR structural studies of the series of porphyrazines with peripheral pyrrolyl groups. Inorganica Chimica Acta, 2019, 484, 368-374.	2.4	3
92	Unusual Tritylation Reactions of Tricyclic Analogues of Acyclovir and an Attempt to Elucidate Their Mechanism. Helvetica Chimica Acta, 2000, 83, 373-379.	1.6	2
93	Serendipitous synthesis of trimetallic porphyrazine triads. Tetrahedron Letters, 2009, 50, 5178-5181.	1.4	2
94	Alkylation of 9â€substituted guanine derivatives with Î±,Ï‰â€dihaloalkanes. Heteroatom Chemistry, 2017, 28, .	0.7	2
95	Physicochemical Properties and Catalytic Applications of Iron Porphyrazines and Phthalocyanines. , 0, , .		2
96	Oxidative cleavage of the tricyclic derivatives of 9-substituted guanines. Collection of Czechoslovak Chemical Communications, 1996, 61, 38-41.	1.0	2
97	Tetrapyrazinoporphyrazine with eight peripheral adamantanylsulfanyl units â€“ Synthesis and physicochemical study. Synthetic Metals, 2018, 244, 66-72.	3.9	1
98	Synthesis and Physicochemical Properties of [(1R,2S,5R)-2-isopropyl-5-methylcyclohexyloxy]-thiophen-5-yl-substituted Tetrapyrazinoporphyrazine with Magnesium(II) Ion. Applied Sciences (Switzerland), 2021, 11, 2576.	2.5	1
99	CHITOSAN-DERIVATIVES IN COMBINATIONS WITH SELECTED PORPHYRINOIDS AS NOVEL HYBRID MATERIALS FOR MEDICINE AND PHARMACY. Progress on Chemistry and Application of Chitin and Its Derivatives, 2020, XXV, 63-78.	0.1	1
100	Photodynamic antimicrobial activity of magnesium(II) porphyrazine with bulky peripheral sulfanyl substituents. Phosphorus, Sulfur and Silicon and the Related Elements, 0, , 1-6.	1.6	1
101	Gallic Acid-Functionalized, TiO2-Based Nanomaterialâ€”Preparation, Physicochemical and Biological Properties. Materials, 2022, 15, 4177.	2.9	1
102	A novel series of strongly fluorescent tricyclic analogues of acyclovir resulting from spontaneous oxidation of some of their 7-[4-(benzhydryl)phenyl]-6-(4-R-phenyl) derivatives. , 2005, , .		0
103	Promising Photocytotoxicity of Water-Soluble Phtalocyanine against Planktonic and Biofilm Pseudomonas aeruginosa Isolates from Lower Respiratory Tract and Chronic Wounds. Applied Sciences (Switzerland), 2022, 12, 3707.	2.5	0