Lukasz Sobotta

List of Publications by Year
in descending order

52	1,525	304602	315616
papers	citations	22 h-index	38 g-index

52	52	52	1741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cationic porphyrazines with morpholinoethyl substituents â€“ Syntheses, optical properties, and photocytotoxicities. Dyes and Pigments, 2022, 197, 109937.	2.0	7
2	Oxospirochlorins as new promising photosensitizers against priority pathogens. Dyes and Pigments, 2022, 201, 110240.	2.0	4
3	Excited State and Reactive Oxygen Species against Cancer and Pathogens: A Review on Sonodynamic and Sonoâ€Photodynamic Therapy. ChemMedChem, 2022, 17, .	1.6	31
4	New Metallophthalocyanines Bearing 2-Methylimidazole Moietiesâ€”Potential Photosensitizers against Staphylococcus aureus. International Journal of Molecular Sciences, 2022, 23, 5910.	1.8	1
5	Photochemical properties and photocytotoxicities against wound bacteria of sulfanyl porphyrazines with bulky peripheral substituents. Journal of Organometallic Chemistry, 2021, 934, 121669.	0.8	8
6	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.	1.3	1
7	Nipagin-Functionalized Porphyrazine and Phthalocyanineâ€”Synthesis, Physicochemical Characterization and Toxicity Study after Deposition on Titanium Dioxide Nanoparticles P25. Molecules, 2021, 26, 2657.	1.7	6
8	Photochemical properties and promising activity against staphylococci of sulfanyl porphyrazines with dendrimeric moieties. Inorganica Chimica Acta, 2021, 521, 120321.	1.2	6
9	Regioisomers of magnesium(II) phthalocyanine bearing menthol substituents - Synthesis, spectral, electrochemical and computational studies. Dyes and Pigments, 2021, 191, 109357.	2.0	7
10	Titanium Dioxide-Based Photocatalysts for Degradation of Emerging Contaminants including Pharmaceutical Pollutants. Applied Sciences (Switzerland), 2021, 11, 8674.	1.3	34
11	Menthol modified zinc(II) phthalocyanine regioisomers and their photoinduced antimicrobial activity against Staphylococcus aureus. Dyes and Pigments, 2021, 193, 109410.	2.0	9
12	Porphyrinoids in photodynamic diagnosis and therapy of oral diseases. , 2021, , 1-10.		0
13	Photosensitizers Mediated Photodynamic Inactivation against Fungi. Nanomaterials, 2021, 11, 2883.	1.9	21
14	Spectroscopic and quantum chemical study of phthalocyanines with 1,4,7-trioxanonyl moieties. Journal of Molecular Structure, 2020, 1203, 127371.	1.8	11
15	Nanomolar photodynamic activity of porphyrins bearing 1,4,7-trioxanonyl and 2-methyl-5-nitroimidazole moieties against cancer cells. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111703.	1.7	7
16	Photodynamic Activity of Tribenzoporphyrazines with Bulky Periphery against Wound Bacteria. International Journal of Molecular Sciences, 2020, 21, 6145.	1.8	11
17	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.	2.0	11
18	Titanium Dioxide Nanoparticles: Prospects and Applications in Medicine. Nanomaterials, 2020, 10, 387.	1.9	333

#	Article	IF	Citations
19	Chlorins with (trifluoromethyl)phenyl substituents â€“ Synthesis, lipid formulation and photodynamic activity against bacteria. Dyes and Pigments, 2019, 160, 292-300.	2.0	32
20	Single-walled carbon nanotube/sulfanyl porphyrazine hybrids deposited on glassy carbon electrode for sensitive determination of nitrites. Dyes and Pigments, 2019, 171, 107660.	2.0	12
21	Lipid vesicle-loaded meso-substituted chlorins of high in vitro antimicrobial photodynamic activity. Photochemical and Photobiological Sciences, 2019, 18, 213-223.	1.6	23
22	Porphyrinoids in photodynamic diagnosis and therapy of oral diseases. Journal of Porphyrins and Phthalocyanines, 2019, 23, 1-10.	0.4	51
23	Porphyrinoid photosensitizers mediated photodynamic inactivation against bacteria. European Journal of Medicinal Chemistry, 2019, 175, 72-106.	2.6	133
24	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.	1.2	28
25	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.	2.0	23
26	Non-porphyrinoid photosensitizers mediated photodynamic inactivation against bacteria. Dyes and Pigments, 2019, 163, 337-355.	2.0	57
27	X-ray and NMR structural studies of the series of porphyrazines with peripheral pyrrolyl groups. Inorganica Chimica Acta, 2019, 484, 368-374.	1.2	3
28	The chitosan â€“ Porphyrazine hybrid materials and their photochemical properties. Journal of Photochemistry and Photobiology B: Biology, 2018, 181, 1-13.	1.7	18
29	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.	1.7	26
30	Theranostic liposomes as a bimodal carrier for magnetic resonance imaging contrast agent and photosensitizer. Journal of Inorganic Biochemistry, 2018, 180, 1-14.	1.5	40
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.	1.7	25
32	Unusual cis-diprotonated forms and fluorescent aggregates of non-peripherally alkoxy-substituted metallophthalocyanines. Physical Chemistry Chemical Physics, 2017, 19, 21390-21400.	1.3	14
33	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.	2.0	27
34	Dendrimeric Sulfanyl Porphyrazines: Synthesis, Physicoâ€€Chemical Characterization, and Biological Activity for Potential Applications in Photodynamic Therapy. ChemPlusChem, 2016, 81, 460-470.	1.3	34
35	Phthalocyanines with bulky substituents at non-peripheral positions â€“ Synthesis and physico-chemical properties. Dyes and Pigments, 2016, 127, 110-115.	2.0	28
36	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.	1.5	36

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37	Phthalocyanine Derivatives Possessing 2-(Morpholin-4-yl)ethoxy Groups As Potential Agents for Photodynamic Therapy. Journal of Medicinal Chemistry, 2015, 58, 2240-2255.	2.9	72
38	Electrochemical properties of metallated porphyrazines possessing isophthaloxybutylsulfanyl substituents: Application in the electrocatalytic oxidation of hydrazine. Electrochimica Acta, 2015, 168, 216-224.	2.6	20
39	Porphyrazines with peripheral isophthaloxyalkylsulfanyl substituents and their optical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 307-308, 54-67.	2.0	27
40	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.	1.0	9
41	Photophysical properties and photochemistry of a sulfanyl porphyrazine bearing isophthaloxybutyl substituents. Dyes and Pigments, 2015, 113, 702-708.	2.0	21
42	Influence of bulky pyrrolyl substitent on the physicochemical properties of porphyrazines. Dyes and Pigments, 2015, 112, 138-144.	2.0	13
43	Photosensitizers Mediated Photodynamic Inactivation Against Virus Particles. Mini-Reviews in Medicinal Chemistry, 2015, 15, 503-521.	1.1	67
44	Cellular Changes, Molecular Pathways and the Immune System Following Photodynamic Treatment. Current Medicinal Chemistry, 2014, 21, 4059-4073.	1.2	34
45	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.	1.5	42
46	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.	2.0	48
47	Synthesis, characteristics and photochemical studies of novel porphyrazines possessing peripheral 2,5-dimethylpyrrol-1-yl and dimethylamino groups. Tetrahedron Letters, 2012, 53, 2040-2044.	0.7	23
48	Pitavastatin, a new HMG-CoA reductase inhibitor, induces phototoxicity in human keratinocytes NCTC-2544 through the formation of benzophenanthridine-like photoproducts. Archives of Toxicology, 2012, 86, 483-496.	1.9	15
49	Photochemical activity of glenvastatin, a HMG-CoA reductase inhibitor. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 224, 1-7.	2.0	4
50	Carbon nanotubes linked with pitavastatin: synthesis and characterisation. Journal of Materials Science: Materials in Medicine, 2011, 22, 845-851.	1.7	1
51	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.	0.9	10
52	Photodynamic antimicrobial activity of magnesium(II) porphyrazine with bulky peripheral sulfanyl substituents. Phosphorus, Sulfur and Silicon and the Related Elements, 0, , 1-6.	0.8	1