

Vanya Mantareva

List of Publications by Citations

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41
papers

846
citations

17
h-index

28
g-index

52
ext. papers

911
ext. citations

3.4
avg, IF

3.51
L-index

#	Paper	IF	Citations
41	Photodynamic activity of water-soluble phthalocyanine zinc(II) complexes against pathogenic microorganisms. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 4829-35	3.4	105
40	Non-aggregated Ga(III)-phthalocyanines in the photodynamic inactivation of planktonic and biofilm cultures of pathogenic microorganisms. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 91-102	4.2	89
39	Liposome-delivered Zn(II)-2,3-naphthalocyanines as potential sensitizers for PDT: synthesis, photochemical, pharmacokinetic and phototherapeutic studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993 , 21, 155-65	6.7	69
38	Photodynamic inactivation of <i>Aeromonas hydrophila</i> by cationic phthalocyanines with different hydrophobicity. <i>FEMS Microbiology Letters</i> , 2009 , 294, 133-40	2.9	55
37	Antimicrobial photodynamic efficiency of novel cationic porphyrins towards periodontal Gram-positive and Gram-negative pathogenic bacteria. <i>Photochemistry and Photobiology</i> , 2014 , 90, 628-40 ²⁶	3.6	47
36	Photodynamic efficacy of water-soluble Si(IV) and Ge(IV) phthalocyanines towards <i>Candida albicans</i> planktonic and biofilm cultures. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4430-40	6.8	47
35	Tetraamido-substituted 2,3-naphthalocyanine zinc(II) complexes as phototherapeutic agents: synthesis, comparative photochemical and photobiological studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996 , 35, 167-74	6.7	35
34	Metallophthalocyanines for antimicrobial photodynamic therapy: an overview of our experience. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 399-416	1.8	34
33	Photodynamic opening of blood-brain barrier. <i>Biomedical Optics Express</i> , 2017 , 8, 5040-5048	3.5	32
32	Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen <i>Streptococcus mutans</i> : Synthesis, photophysical, photochemical and in vitro properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 306, 31-40	4.7	31
31	Effect of delivery system on the pharmacokinetic and phototherapeutic properties of bis(methoxyethyleneoxy) silicon-phthalocyanine in tumor-bearing mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999 , 50, 124-8	6.7	27
30	Hydrophobic Zn(II)-naphthalocyanines as photodynamic therapy agents for Lewis lung carcinoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994 , 23, 35-42	6.7	27
29	Long wavelength absorbing cationic Zn(II)-phthalocyanines as fluorescent contrast agents for B16 pigmented melanoma. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 47-53	1.8	23
28	Comparative pharmacokinetic and photodynamic studies with zinc(II) phthalocyanine in hamsters bearing an induced or transplanted rhabdomyosarcoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992 , 16, 83-9	6.7	23
27	Naphthalocyanine complexes as potential photosensitizers for photodynamic therapy of tumors. <i>Journal of Biomedical Optics</i> , 1999 , 4, 276-85	3.5	20
26	Axially substituted silicon(IV) phthalocyanine and its quaternized derivative as photosensitizers towards tumor cells and bacterial pathogens. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 5415-5422	3.4	19
25	2-Acetyllindan-1,3-dione and its Cu(2+) and Zn(2+) complexes as promising sunscreen agents. <i>International Journal of Cosmetic Science</i> , 2002 , 24, 103-10	2.7	18

24	Lutetium(III) acetate phthalocyanines for photodynamic therapy applications: Synthesis and photophysicochemical properties. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016 , 14, 98-103	3.5	14
23	Photodynamic inactivation of pathogenic species <i>Pseudomonas aeruginosa</i> and <i>Candida albicans</i> with lutetium (III) acetate phthalocyanines and specific light irradiation. <i>Lasers in Medical Science</i> , 2016 , 31, 1591-1598	3.1	13
22	Photodynamic Effect of some Phthalocyanines on Enveloped and Naked Viruses. <i>Acta Virologica</i> , 2017 , 61, 341-346	2.2	12
21	Virus inactivation under the photodynamic effect of phthalocyanine zinc(II) complexes. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017 , 72, 123-128	1.7	11
20	Tyrosine conjugated zinc(II) phthalocyanine for photodynamic therapy: Synthesis and photophysicochemical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 334, 101-106	4.7	11
19	Si(IV)-methoxyethylene-glycol-naphthalocyanine: synthesis and pharmacokinetic and photosensitizing properties in different tumour models. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997 , 40, 258-62	6.7	10
18	Novel Zn(II) phthalocyanine with tyrosine moieties for photodynamic therapy: Synthesis and comparative study of light-associated properties. <i>Polyhedron</i> , 2019 , 162, 121-128	2.7	8
17	Quaternized Zn(II) phthalocyanines for photodynamic strategy against resistant periodontal bacteria. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2018 , 73, 221-228	1.7	7
16	2-Carbamido-1,3-indandione - a Fluorescent Molecular Probe and Sunscreen Candidate. <i>Journal of Fluorescence</i> , 2015 , 25, 1601-14	2.4	6
15	Novel Water-Soluble Silicon(IV) Phthalocyanine for Photodynamic Therapy and Antimicrobial Inactivations. <i>Macroheterocycles</i> , 2019 , 12, 255-263	2.2	6
14	Selective photodynamic therapy induced by preirradiation of galactopyranosyl Zn(II) phthalocyanines with UV and red lights. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 529-539	1.8	5
13	Water-soluble phthalocyanine complexes of Ga(III) and In(III) in the photodynamic inactivation of pathogenic fungus 2010 ,		5
12	Impact of water-soluble zwitterionic Zn(II) phthalocyanines against pathogenic bacteria. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019 , 74, 183-191	1.7	4
11	Photodynamic Opening of the BloodBrain Barrier Using Different Photosensitizers in Mice. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 33	2.6	4
10	Thresholds of optical limiting in solutions of nanoscale compounds of zinc phthalocyanine with galactopyranosyl radicals. <i>Technical Physics Letters</i> , 2013 , 39, 664-668	0.7	4
9	Photodynamic therapy with water-soluble phthalocyanines against bacterial biofilms in teeth root canals 2012 ,		4
8	Effects of metal ion in cationic Pd(II) and Ni(II) phthalocyanines on physicochemical and photodynamic inactivation properties. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131288	3.4	4
7	Antimicrobial photodisinfection with Zn(II) phthalocyanine adsorbed on TiO ₂ upon UVA and red irradiation 2015 ,		3

6	Cationic amino acids linked to Zn(II) phthalocyanines for photodynamic therapy: Synthesis and effects on physicochemical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 396, 112555	4-7	3
5	Effects of the position of galactose units to Zn(II) phthalocyanine on the uptake and photodynamic activity towards breast cancer cells 2012 ,		3
4	Improved antimicrobial therapy with cationic tetra- and octa-substituted phthalocyanines 2008 ,		3
3	Al(III), Pd(II), and Zn(II) phthalocyanines for inactivation of dental pathogen <i>Aggregatibacter actinomycetemcomitans</i> as planktonic and biofilm-cultures 2012 ,		2
2	Tumor detection by exogenous fluorescent dyes using new generation photo-multiplier tubes 2005 ,		2
1	Palladium Phthalocyanines Varying in Substituents Position for Photodynamic Inactivation of <i>Flavobacterium hydatis</i> as Sensitive and Resistant Species. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 1950-1959	2.9	1