

Vanya Mantareva

List of Publications by Year in descending order

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52
papers

1,013
citations

471061

17
h-index

433756

31
g-index

52
all docs

52
docs citations

52
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic activity of water-soluble phthalocyanine zinc(II) complexes against pathogenic microorganisms. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4829-4835.	1.4	112
2	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.	1.6	101
3	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, 155-165.	1.7	77
4	Photodynamic inactivation of <i>Aeromonas hydrophila</i> by cationic phthalocyanines with different hydrophobicity. <i>FEMS Microbiology Letters</i> , 2009, 294, 133-140.	0.7	62
5	Antimicrobial Photodynamic Efficiency of Novel Cationic Porphyrins towards Periodontal Gram-positive and Gram-negative Pathogenic Bacteria. <i>Photochemistry and Photobiology</i> , 2014, 90, 628-640.	1.3	60
6	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, 4430-4440.	2.6	53
7	Photodynamic opening of blood-brain barrier. <i>Biomedical Optics Express</i> , 2017, 8, 5040.	1.5	49
8	Metallophthalocyanines for antimicrobial photodynamic therapy: an overview of our experience. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 399-416.	0.4	38
9	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.	2.0	37
10	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, 167-174.	1.7	36
11	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.	1.7	31
12	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, 124-128.	1.7	30
13	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.	0.4	28
14	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, 83-89.	1.7	27
15	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.	1.4	25
16	Naphthalocyanine Complexes as Potential Photosensitizers for Photodynamic Therapy of Tumors. <i>Journal of Biomedical Optics</i> , 1999, 4, 276.	1.4	24
17	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, 103-110.	1.2	20
18	Lutetium(III) acetate phthalocyanines for photodynamic therapy applications: Synthesis and photophysicochemical properties. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 98-103.	1.3	17

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19	Photodynamic Effect of some Phthalocyanines on Enveloped and Naked Viruses. <i>Acta Virologica</i> , 2017, 61, 341-346.	0.3	17
20	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.	0.6	16
21	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.	1.0	14
22	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, 258-262.	1.7	13
23	Tyrosine conjugated zinc(II) phthalocyanine for photodynamic therapy: Synthesis and photophysical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 334, 101-106.	2.0	11
24	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.	1.8	11
25	Novel Water-Soluble Silicon(IV) Phthalocyanine for Photodynamic Therapy and Antimicrobial Inactivations. <i>Macrocyclics</i> , 2019, 12, 255-263.	0.9	11
26	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.	1.0	8
27	Photodynamic Opening of the Blood-Brain Barrier Using Different Photosensitizers in Mice. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 33.	1.3	8
28	Selective photodynamic therapy induced by preirradiation of galactopyranosyl zinc(II) phthalocyanines with UV and red lights. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 529-539.	0.4	7
29	2-Carbamido-1,3-indandione – a Fluorescent Molecular Probe and Sunscreen Candidate. <i>Journal of Fluorescence</i> , 2015, 25, 1601-1614.	1.3	7
30	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.	0.6	7
31	Improved antimicrobial therapy with cationic tetra- and octa-substituted phthalocyanines. , 2008, , .		6
32	Water-soluble phthalocyanine complexes of Ga(III) and In(III) in the photodynamic inactivation of pathogenic fungus. , 2010, , .		6
33	Photodynamic therapy with water-soluble phthalocyanines against bacterial biofilms in teeth root canals. <i>Proceedings of SPIE</i> , 2012, , .	0.8	6
34	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.	0.6	6
35	Tumor detection by exogenous fluorescent dyes using new generation photo-multiplier tubes. , 2005, , .		5
36	Thresholds of optical limiting in solutions of nanoscale compounds of zinc phthalocyanine with galactopyranosyl radicals. <i>Technical Physics Letters</i> , 2013, 39, 664-668.	0.2	5

#	ARTICLE	IF	CITATIONS
37	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.	2.0	5
38	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.	1.0	5
39	Effects of the position of galactose units to Zn(II) phthalocyanine on the uptake and photodynamic activity towards breast cancer cells. , 2012, , .		4
40	Antimicrobial photodisinfection with Zn(II) phthalocyanine adsorbed on TiO ₂ upon UVA and red irradiation. , 2015, , .		3
41	Al(III), Pd(II), and Zn(II) phthalocyanines for inactivation of dental pathogen <i>Aggregatibacter actinomycetemcomitans</i> as planktonic and biofilm-cultures. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
42	Influence of photodynamic therapy on the delay of metastasis development in Lewis lung carcinoma. <i>Proceedings of SPIE</i> , 1995, 2325, 355.	0.8	1
43	<title>Phthalocyanine-assisted photodynamic inactivation of pathogenic microorganisms</title>. , 2007, , .		1
44	Susceptibility of representative dental pathogens to inactivation by the PDT with water-soluble photosensitizers. , 2010, , .		1
45	<title>Experimental PDT: studies on new Si-phthalocyanines and Si-naphthalocyanines in Cremophor emulsions</title>. , 1996, , .		0
46	New method of control of tooth whitening. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
47	Specific light exposure of galactosylated Zn(II) phthalocyanines for selective PDT effects on breast cancer cells. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
48	Laser-induced generation of single oxygen: new strategies in treatment of brain tumor. , 2017, , .		0
49	The Laser Technologies of Targeted Opening of Blood-Brain Barrier for Drug Brain Delivery. , 2018, , .		0
50	Photodynamic diagnostics of stress-induced gastrointestinal neoplasia in laboratory animals using 5-aminolevulinic acid and Al-phthalocyanine. , 2018, , .		0
51	Detection of stress-induced gastrointestinal lesions using Al-phthalocyanines in experimental animals. , 2019, , .		0
52	ALA/PpIX photodiagnosis of stress-induced gastrointestinal primary tumors and metastases in experimental animals. , 2019, , .		0