

Mark Wainwright

List of Publications by Year in descending order

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98
papers

3,844
citations

122655

33
h-index

133910

59
g-index

104
all docs

104
docs citations

104
times ranked

4606
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenothiazinium dyes for photodynamic treatment present lower environmental risk compared to a formulation of trifloxystrobin and tebuconazole. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 226, 112365.	3.9	7
2	LASER in periodontal treatment: is it an effective treatment or science fiction?. <i>Brazilian Oral Research</i> , 2021, 35, e099.	1.5	26
3	The impact of psychological attachment on the relationship between periodontal health and dental fear in patients with versus without psoriasis: a questionnaire-based, cross-sectional study. <i>BMC Oral Health</i> , 2021, 21, 95.	2.3	4
4	Comparative study between photodynamic therapy with urucum + Led and probiotics in halitosis reduction – protocol for a controlled clinical trial. <i>PLoS ONE</i> , 2021, 16, e0247096.	2.5	6
5	Comparative effects of different phenothiazine photosensitizers on experimental periodontitis treatment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102198.	2.7	12
6	Anti-infective dyes in the time of COVID. <i>Dyes and Pigments</i> , 2021, 196, 109813.	3.9	9
7	Photodynamic inactivation of <i>Candida albicans</i> and <i>Candida tropicalis</i> with aluminum phthalocyanine chloride nanoemulsion. <i>Fungal Biology</i> , 2020, 124, 297-303.	2.5	13
8	Light-based technologies for management of COVID-19 pandemic crisis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 111999.	3.9	62
9	Inhibitory action of phenothiazinium dyes against <i>Neospora caninum</i> . <i>Scientific Reports</i> , 2020, 10, 7483.	3.4	12
10	Antimicrobial photodynamic therapy mediated by methylene blue in surfactant vehicle on periodontopathogens. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101784.	2.7	14
11	Global priority multidrug-resistant pathogens do not resist photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 208, 111893.	3.9	83
12	Antimicrobial photodynamic therapy compared to systemic antibiotic therapy in non-surgical treatment of periodontitis: Systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101808.	2.7	25
13	Effects of butyl toluidine blue photosensitizer on antimicrobial photodynamic therapy for experimental periodontitis treatment in rats. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101868.	2.7	10
14	A New Penicillin?. <i>Antibiotics</i> , 2020, 9, 117.	3.8	4
15	Inactivation kinetics and lethal dose analysis of antimicrobial blue light and photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 186-191.	2.7	39
16	Phenothiazinium Dyes Are Active against <i>Trypanosoma cruzi</i> In Vitro. <i>BioMed Research International</i> , 2019, 2019, 1-9.	2.0	7
17	Photoantimicrobials and PACT: what's in an abbreviation?. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 12-14.	2.9	19
18	Synthesis and photophysical properties of <i>meso</i> -aminophenyl-substituted heptamethine dyes as potential leads to new contrast agents. <i>Coloration Technology</i> , 2019, 135, 305-311.	1.5	5

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19	Parameters for antimicrobial photodynamic therapy on periodontal pocketâ€”Randomized clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 132-136.	2.7	31
20	Multiple aPDT sessions on periodontitis in rats treated with chemotherapy: histomorphometrical, immunohistochemical, immunological and microbiological analyses. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 92-102.	2.7	17
21	Antimicrobial photodynamic therapy with phenothiazinium photosensitizers in non-vertebrate model <i>Galleria mellonella</i> infected with <i>Fusarium keratoplasticum</i> and <i>Fusarium moniliforme</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 197-203.	2.7	23
22	Influence of antimicrobial photodynamic therapy as an adjunctive to scaling and root planing on alveolar bone loss: A systematic review and meta-analysis of animal studies. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 354-363.	2.7	12
23	InÂvitro susceptibilities of <i>Neoscytalidium</i> spp. sequence types to antifungal agents and antimicrobial photodynamic treatment with phenothiazinium photosensitizers. <i>Fungal Biology</i> , 2018, 122, 436-448.	2.5	21
24	Photoactive plants: Botany bad boys or horticultural heroes?. <i>Phytotherapy Research</i> , 2018, 32, 561-563.	5.9	0
25	Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids. <i>Journal of the American Chemical Society</i> , 2018, 140, 9606-9615.	14.6	144
26	Synthetic, small-molecule photoantimicrobialsâ€”a realistic approach. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1767-1779.	2.9	8
27	Permeability of DOPC bilayers under photoinduced oxidation: Sensitivity to photosensitizer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2366-2373.	2.7	12
28	Dyes, flies, and sunny skies: photodynamic therapy and neglected tropical diseases. <i>Coloration Technology</i> , 2017, 133, 3-14.	1.5	13
29	Photodynamic inactivation of conidia of the fungus <i>Colletotrichum abscissum</i> on <i>Citrus sinensis</i> plants with methylene blue under solar radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 176, 54-61.	3.9	37
30	The problem with dyes in infection control. <i>Dyes and Pigments</i> , 2017, 146, 402-407.	3.9	11
31	Rational design of phenothiazinium derivatives and photoantimicrobial drug discovery. <i>Dyes and Pigments</i> , 2017, 136, 590-600.	3.9	45
32	Photoantimicrobialsâ€”are we afraid of the light?. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e49-e55.	8.9	534
33	Therapeutic Effect of Microcurrent Therapy in Children With In-toeing Gait Caused by Increased Femoral Anteversion: A Pilot Study. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 104.	1.8	5
34	Photodynamic treatment with phenothiazinium photosensitizers kills both ungerminated and germinated microconidia of the pathogenic fungi <i>Fusarium oxysporum</i> , <i>Fusarium moniliforme</i> and <i>Fusarium solani</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 1-12.	3.9	32
35	Inactivation of plant-pathogenic fungus <i>Colletotrichum acutatum</i> with natural plant-produced photosensitizers under solar radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 402-411.	3.9	35
36	The effects of photodynamic treatment with new methylene blue N on the <i>Candida albicans</i> proteome. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1503-1513.	2.9	28

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37	Phenothiazinium photosensitisers XI. Improved toluidine blue photoantimicrobials. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 68-71.	3.9	22
38	Laser-guided magic bulletsâ€”A non-antibiotic answer to Oâ€™Neill. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, A1-A2.	2.7	1
39	Synthesis, characterization and biological evaluation of a new photoactive hydrogel against Gram-positive and Gram-negative bacteria. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1499-1509.	5.9	29
40	Small scale trial of photodynamic treatment of onychomycosis in SÃ£o Paulo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 66-68.	3.9	33
41	Phenothiazinium photoantimicrobials with basic side chains. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 38-43.	3.9	26
42	<i>In Vitro</i> Photodynamic Inactivation of Plant-Pathogenic Fungi <i>Colletotrichum acutatum</i> and <i>Colletotrichum gloeosporioides</i> with Novel Phenothiazinium Photosensitizers. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1623-1632.	3.2	55
43	In defence of â€”dye therapyâ€™. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 26-29.	3.3	28
44	Membrane Damage Efficiency of Phenothiazinium Photosensitizers. <i>Photochemistry and Photobiology</i> , 2014, 90, 801-813.	2.6	78
45	Furocoumarins and coumarins photoinactivate <i>Colletotrichum acutatum</i> and <i>Aspergillus nidulans</i> fungi under solar radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 131, 74-83.	3.9	51
46	In vitro photodynamic inactivation of <i>Candida</i> species and mouse fibroblasts with phenothiazinium photosensitisers and red light. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 141-149.	2.7	61
47	Photobactericidesâ€”A Local Option against Multi-Drug Resistant Bacteria. <i>Antibiotics</i> , 2013, 2, 182-190.	3.8	5
48	Photodynamic medicine and infection control. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 787-788.	3.2	34
49	Susceptibilities of the dermatophytes <i>Trichophyton mentagrophytes</i> and <i>T. rubrum</i> microconidia to photodynamic antimicrobial chemotherapy with novel phenothiazinium photosensitizers and red light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 116, 89-94.	3.9	52
50	Local clinical phototreatment of herpes infection in SÃ£o Paulo. <i>Photodiagnosis and Photodynamic Therapy</i> , 2012, 9, 118-121.	2.7	13
51	N3,N7-diaminophenothiazinium derivatives as antagonists of $\alpha 7$ -nicotinic acetylcholine receptors expressed in <i>Xenopus</i> oocytes. <i>Pharmacological Research</i> , 2012, 66, 213-218.	7.2	7
52	Comparative Photodynamic Evaluation of New Phenothiazinium Derivatives against <i>Propionibacterium acnes</i> . <i>Photochemistry and Photobiology</i> , 2012, 88, 523-526.	2.6	19
53	The application of photosensitisers to tropical pathogens in the blood supply. <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 240-248.	2.7	21
54	Championing photoantimicrobial discovery. <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 288-9; author reply 289-90.	2.7	1

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55	The use of photosensitisers in acne treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 105, 1-5.	3.9	21
56	On the 75th anniversary of Prontosil. <i>Dyes and Pigments</i> , 2011, 88, 231-234.	3.9	50
57	Phenothiazinium photosensitisers IX. Tetra- and pentacyclic derivatives as photoantimicrobial agents. <i>Dyes and Pigments</i> , 2011, 91, 1-5.	3.9	24
58	Phenothiazinium photosensitisers VII: Novel substituted asymmetric N-benzylphenothiaziniums as photoantimicrobial agents. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 99, 74-77.	3.9	10
59	Therapeutic applications of near-infrared dyes. <i>Coloration Technology</i> , 2010, 126, 115-126.	1.5	43
60	Phenothiazinium-fluoroquinolone drug conjugates. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 405-409.	3.3	14
61	Safe™ photoantimicrobials for skin and soft-tissue infections. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 14-18.	3.3	42
62	<i>Light</i> , 2009, , 1-12.		0
63	<i>Photodynamic Therapy in Oncology</i> , 2009, , 211-235.		0
64	<i>Non-Oncological Applications</i> , 2009, , 259-267.		0
65	<i>Cyanines</i> , 2009, , 169-189.		0
66	<i>Dyes and Stains</i> , 2009, , 13-26.		0
67	<i>Triarylmethanes and Xanthenes</i> , 2009, , 81-111.		0
68	Phenothiazinium photosensitisers, Part VI: Photobactericidal asymmetric derivatives. <i>Dyes and Pigments</i> , 2009, 82, 387-391.	3.9	36
69	Photoantimicrobials—So what's stopping us?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2009, 6, 167-169.	2.7	42
70	<i>Natural Product Photosensitisers</i> , 2009, , 191-210.		0
71	<i>Photosensitisers and Photosensitisation</i> , 2009, , 27-41.		0
72	<i>Phthalocyanines</i> , 2009, , 147-167.		0

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73	Porphyrins. , 2009, , 113-145.		2
74	Antimicrobial Application â€“ Photodynamic Antimicrobial Chemotherapy. , 2009, , 237-257.		4
75	Azines. , 2009, , 43-79.		0
76	Dyes in the development of drugs and pharmaceuticals. Dyes and Pigments, 2008, 76, 582-589.	3.9	114
77	Photodynamic Therapy: The Development of New Photosensitisers. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 280-291.	1.8	110
78	Phenothiazinium derivatives for pathogen inactivation in blood products. Journal of Photochemistry and Photobiology B: Biology, 2007, 86, 45-58.	3.9	115
79	Phenothiazinium photosensitisers: V. Photobactericidal activities of chromophore-methylated phenothiazinium salts. Dyes and Pigments, 2007, 73, 7-12.	3.9	32
80	Phenothiazinium-based photobactericidal materials. Journal of Photochemistry and Photobiology B: Biology, 2006, 84, 227-230.	3.9	72
81	Review: The phenothiazinium chromophore and the evolution of antimalarial drugs. Tropical Medicine and International Health, 2005, 10, 501-511.	2.0	91
82	The development of phenothiazinium photosensitisers. Photodiagnosis and Photodynamic Therapy, 2005, 2, 263-272.	2.7	105
83	Photosensitising agentsâ€”circumventing resistance and breaking down biofilms: a review. International Biodeterioration and Biodegradation, 2004, 53, 119-126.	4.0	158
84	Photodynamic therapy â€“ from dyestuffs to highâ€“tech clinical practice. Review of Progress in Coloration and Related Topics, 2004, 34, 95-109.	0.2	20
85	Phenothiazinium photosensitisers: choices in synthesis and application. Dyes and Pigments, 2003, 57, 245-257.	3.9	126
86	Local treatment of viral disease using photodynamic therapy. International Journal of Antimicrobial Agents, 2003, 21, 510-520.	3.3	98
87	Pathogen Inactivation in Blood Products. Current Medicinal Chemistry, 2002, 9, 127-143.	2.5	68
88	The emerging chemistry of blood product disinfection. Chemical Society Reviews, 2002, 31, 128-136.	40.3	53
89	Extended conjugation in di- and tri-arylmethane dyes. Part 5. Vinylogues and ethynologues of Victoria Blue. Dyes and Pigments, 2000, 47, 129-142.	3.9	12
90	Extended conjugation in di- and tri-arylmethane dyes. Part 4. Steric and electronic effects in analogues of Malachite Green containing a 2H-1-benzopyran unit. Perkin Transactions II RSC, 2000, , 263-269.	1.0	8

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91	Methylene blue derivatives " suitable photoantimicrobials for blood product disinfection?. International Journal of Antimicrobial Agents, 2000, 16, 381-394.	3.3	137
92	Extended conjugation in di- and tri- arylmethane dyes. Part 3. The effects of increased planarity in Victoria Blue dyes. Dyes and Pigments, 1999, 40, 151-156.	3.9	7
93	Phenothiazine photosensitizers: part 2. 3,7-Bis(arylamino)phenothiazines1See Ref.[1].1. Dyes and Pigments, 1999, 42, 45-51.	3.9	40
94	Uptake and cell-killing activities of a series of Victoria blue derivatives in a mouse mammary tumour cell line. Cytotechnology, 1999, 29, 35-43.	1.6	14
95	Apoptosis induction by different pathways with methylene blue derivative and light from mitochondrial sites in V79 cells. International Journal of Cancer, 1998, 75, 941-948.	5.4	69
96	Increased cytotoxicity and phototoxicity in the methylene blue series via chromophore methylation. Journal of Photochemistry and Photobiology B: Biology, 1997, 40, 233-239.	3.9	158
97	Investigations of a series of novel cationic photosensitisers and their potential use in photodynamic therapy. Biochemical Society Transactions, 1995, 23, 260S-260S.	3.4	0
98	Biodistribution of a methylene blue derivative in tumor and normal tissues of rats. Journal of Photochemistry and Photobiology B: Biology, 1993, 20, 63-71.	3.9	24