

Garry Lavery

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,689
citations

331670

21
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

2633
citing authors

#	ARTICLE	IF	CITATIONS
1	Eradication of <i>Pseudomonas aeruginosa</i> Biofilms by Atmospheric Pressure Non-Thermal Plasma. <i>PLoS ONE</i> , 2012, 7, e44289.	2.5	159
2	Antimicrobial and antibiofilm activities of 1-alkylquinolinium bromide ionic liquids. <i>Green Chemistry</i> , 2010, 12, 420.	9.0	154
3	The Potential of Antimicrobial Peptides as Biocides. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6566-6596.	4.1	140
4	Biomolecular Mechanisms of <i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i> Biofilm Formation. <i>Pathogens</i> , 2014, 3, 596-632.	2.8	134
5	Antimicrobial Activity of Short, Synthetic Cationic Lipopeptides. <i>Chemical Biology and Drug Design</i> , 2010, 75, 563-569.	3.2	107
6	Ultrashort Cationic Naphthalene-Derived Self-Assembled Peptides as Antimicrobial Nanomaterials. <i>Biomacromolecules</i> , 2014, 15, 3429-3439.	5.4	97
7	Biomolecular mechanisms of staphylococcal biofilm formation. <i>Future Microbiology</i> , 2013, 8, 509-524.	2.0	82
8	Self-assembling diphenylalanine peptide nanotubes selectively eradicate bacterial biofilm infection. <i>Acta Biomaterialia</i> , 2018, 77, 96-105.	8.3	67
9	Peptide Therapeutics and the Pharmaceutical Industry: Barriers Encountered Translating from the Laboratory to Patients. <i>Current Medicinal Chemistry</i> , 2016, 23, 4231-4259.	2.4	59
10	Evolution of Antimicrobial Peptides to Self-Assembled Peptides for Biomaterial Applications. <i>Pathogens</i> , 2014, 3, 791-821.	2.8	58
11	Ultrashort self-assembling Fmoc-peptide gelators for anti-infective biomaterial applications. <i>Journal of Peptide Science</i> , 2017, 23, 131-140.	1.4	57
12	Antimicrobial peptide incorporated poly(2-hydroxyethyl methacrylate) hydrogels for the prevention of <i>Staphylococcus epidermidis</i> -associated biomaterial infections. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1803-1814.	4.0	53
13	Non-thermal Plasma Exposure Rapidly Attenuates Bacterial AHL-Dependent Quorum Sensing and Virulence. <i>Scientific Reports</i> , 2016, 6, 26320.	3.3	53
14	Using Debate to Teach Pharmacy Students About Ethical Issues. <i>American Journal of Pharmaceutical Education</i> , 2014, 78, 57.	2.1	47
15	Self-assembling ultrashort NSAID-peptide nanospheres: multifunctional antimicrobial and anti-inflammatory materials. <i>RSC Advances</i> , 2016, 6, 114738-114749.	3.6	40
16	Antibiotic susceptibility of planktonic- and biofilm-grown staphylococci isolated from implant-associated infections: should MBEC and nature of biofilm formation replace MIC?. <i>Journal of Medical Microbiology</i> , 2017, 66, 461-469.	1.8	38
17	Developing Entrepreneurial Skills in Pharmacy Students. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 106.	2.1	28
18	Rapidly dissolving microneedle patch of amphotericin B for intracorneal fungal infections. <i>Drug Delivery and Translational Research</i> , 2022, 12, 931-943.	5.8	26

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19	Pharmaceutical Formulation and Characterization of Dipeptide Nanotubes for Drug Delivery Applications. <i>Macromolecular Bioscience</i> , 2020, 20, e2000115.	4.1	25
20	Unravelling the antimicrobial activity of peptide hydrogel systems: current and future perspectives. <i>Soft Matter</i> , 2021, 17, 8001-8021.	2.7	25
21	Ultrashort Self-Assembling Peptide Hydrogel for the Treatment of Fungal Infections. <i>Gels</i> , 2018, 4, 48.	4.5	22
22	Investigating the In Vivo Antimicrobial Activity of a Self-Assembling Peptide Hydrogel Using a <i>Galleria mellonella</i> Infection Model. <i>ACS Omega</i> , 2019, 4, 2584-2589.	3.5	22
23	Anti-biofilm activity of ultrashort cinnamic acid peptide derivatives against medical device-related pathogens. <i>Journal of Peptide Science</i> , 2015, 21, 770-778.	1.4	21
24	Peptide Nanomaterials for Drug Delivery Applications. <i>Current Protein and Peptide Science</i> , 2020, 21, 401-412.	1.4	21
25	Cationic Antimicrobial Peptide Cytotoxicity. <i>SOJ Microbiology & Infectious Diseases</i> , 2014, 2, .	0.7	20
26	Potential strategies for the eradication of multidrug-resistant Gram-negative bacterial infections. <i>Future Microbiology</i> , 2016, 11, 955-972.	2.0	19
27	Tuning the antimicrobial activity of low molecular weight hydrogels using dopamine autoxidation. <i>Chemical Communications</i> , 2020, 56, 8135-8138.	4.1	18
28	Multicomponent Peptide Hydrogels as an Innovative Platform for Cell-Based Tissue Engineering in the Dental Pulp. <i>Pharmaceutics</i> , 2021, 13, 1575.	4.5	13
29	Biofilm Eradication Kinetics of the Ultrashort Lipopeptide C ₁₂ -OOWW-NH ₂ Utilizing a Modified MBEC Assay. <i>Chemical Biology and Drug Design</i> , 2015, 85, 645-652.	3.2	12
30	Ultrashort Peptide Hydrogels Display Antimicrobial Activity and Enhance Angiogenic Growth Factor Release by Dental Pulp Stem/Stromal Cells. <i>Materials</i> , 2021, 14, 2237.	2.9	12
31	The use of water-soluble mucoadhesive gels for the intravesical delivery of epirubicin to the bladder for the treatment of non-muscle-invasive bladder cancer. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1355-1362.	2.4	11
32	High-throughput toxicity screening of novel azepanium and 3-methylpiperidinium ionic liquids. <i>RSC Advances</i> , 2020, 10, 22864-22870.	3.6	11
33	The <i>In Vitro</i> Susceptibility of Biofilm Forming Medical Device Related Pathogens to Conventional Antibiotics. <i>Dataset Papers in Science</i> , 2014, 2014, 1-10.	1.0	9
34	Antimicrobial efficacy of an innovative emulsion of medium chain triglycerides against canine and feline periodontopathogens. <i>Journal of Small Animal Practice</i> , 2015, 56, 253-263.	1.2	8
35	Biofilms and implant-associated infections. , 2015, , 19-45.		7
36	Antibacterial and antibiofilm efficacy of synthetic polymyxin-mimetic lipopeptides. <i>Peptide Science</i> , 2021, 113, .	1.8	7

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37	Peptide nanomaterials as future antimicrobial technologies. <i>Future Microbiology</i> , 2018, 13, 5-7.	2.0	3
38	Development of a teaching model to advance skills in industrial pharmaceutical formulation and regulatory aspects. <i>Currents in Pharmacy Teaching and Learning</i> , 2018, 10, 1419-1428.	1.0	2
39	Antimicrobial peptides as hydrogels for tissue regeneration and repair. , 2018, , 347-368.		2
40	Antimicrobial activity of naphthalene lysine conjugated peptide hydrogels. <i>Access Microbiology</i> , 2019, 1, .	0.5	0