

# Mary E Marquart

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

828  
citations

17  
h-index

27  
g-index

46  
ext. papers

949  
ext. citations

3.1  
avg, IF

3.95  
L-index

#	Paper	IF	Citations
44	Draft Genome Sequences of Viridans Streptococci Causing Bacterial Endophthalmitis in Humans. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10, e0083521	1.3	
43	Correlation of Phenotype and Its Corneal Virulence. <i>Current Eye Research</i> , <b>2021</b> , 46, 638-647	2.9	1
42	Pathogenicity and virulence of : Cutting to the chase on proteases. <i>Virulence</i> , <b>2021</b> , 12, 766-787	4.7	7
41	Antimicrobial Properties of Anodized Titanium Components Used in a Combination Device <b>2020</b> , 89-104		
40	Photocatalytic activity and antibacterial efficacy of UVA-treated titanium oxides. <i>Journal of Biomaterials Applications</i> , <b>2020</b> , 35, 500-514	2.9	2
39	Superantigen-Like Protein SSL1: A Toxic Protease. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	5
38	Drug-Loaded Elastin-Like Polypeptide-Collagen Hydrogels with High Modulus for Bone Tissue Engineering. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900142	5.5	20
37	Innovative Cold Atmospheric Plasma (iCAP) Decreases Mucopurulent Corneal Ulcer Formation and Edema and Reduces Bacterial Load in Keratitis.. <i>Clinical Plasma Medicine</i> , <b>2019</b> , 16, 100093-100093	2.8	1
36	Photofunctionalization of anodized titanium surfaces using UVA or UVC light and its effects against <i>Streptococcus sanguinis</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2018</b> , 106, 2284-2294	3.5	8
35	Mechanism of <i>Pseudomonas aeruginosa</i> Small Protease (PASP), a Corneal Virulence Factor <b>2018</b> , 59, 5993-6002		9
34	The Role of Pneumococcal Virulence Factors in Ocular Infectious Diseases. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , <b>2018</b> , 2018, 2525173	1.7	7
33	Antibiotic susceptibility, cytotoxicity, and protease activity of viridans group streptococci causing endophthalmitis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209849	3.7	7
32	Exogenous <i>Streptococcus pneumoniae</i> Endophthalmitis in Diabetic Rabbits. <i>Scientific Reports</i> , <b>2017</b> , 7, 46196	4.9	3
31	Differential bacterial gene expression during experimental pneumococcal endophthalmitis. <i>Ophthalmic Research</i> , <b>2015</b> , 53, 149-61	2.9	3
30	A corneal penetrating drug delivery system based on elastin-like polypeptide (1053.4). <i>FASEB Journal</i> , <b>2014</b> , 28, 1053.4	0.9	
29	Passive immunization with Pneumovax <sup>®</sup> 23 and pneumolysin in combination with vancomycin for pneumococcal endophthalmitis. <i>BMC Ophthalmology</i> , <b>2013</b> , 13, 8	2.3	9
28	Modulation of immune signaling, bacterial clearance, and corneal integrity by toll-like receptors during <i>streptococcus pneumoniae</i> keratitis. <i>Current Eye Research</i> , <b>2013</b> , 38, 1036-48	2.9	9

27	<i>Pseudomonas aeruginosa</i> small protease (PASP), a keratitis virulence factor <b>2013</b> , 54, 2821-8		27
26	The cholesterol-dependent cytolysin pneumolysin from <i>Streptococcus pneumoniae</i> binds to lipid raft microdomains in human corneal epithelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e61300	3.7	25
25	Infectious keratitis: secreted bacterial proteins that mediate corneal damage. <i>Journal of Ophthalmology</i> , <b>2013</b> , 2013, 369094	2	36
24	The <i>Streptococcus pneumoniae</i> capsule is required for full virulence in pneumococcal endophthalmitis. <i>Investigative Ophthalmology and Visual Science</i> , <b>2011</b> , 52, 865-72		20
23	Animal models of bacterial keratitis. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 680642		39
22	Active Immunization with Pneumolysin versus 23-Valent Polysaccharide Vaccine for <i>Streptococcus pneumoniae</i> Keratitis <b>2011</b> , 52, 9232-43		15
21	Pathogenesis of A Clinical Ocular Strain of <i>Streptococcus pneumoniae</i> and the Interaction of Pneumolysin with Corneal Cells. <i>Journal of Bacteriology &amp; Parasitology</i> , <b>2011</b> , 2, 108		11
20	Efficacy of besifloxacin in an early treatment model of methicillin-resistant <i>Staphylococcus aureus</i> keratitis. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2010</b> , 26, 193-8	2.6	16
19	Immunization with pneumolysin protects against both retinal and global damage caused by <i>Streptococcus pneumoniae</i> endophthalmitis. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2010</b> , 26, 571-7	2.6	15
18	Moxifloxacin and cholesterol combined treatment of pneumococcal keratitis. <i>Current Eye Research</i> , <b>2010</b> , 35, 1142-7	2.9	3
17	Assessment of <i>Streptococcus pneumoniae</i> capsule in conjunctivitis and keratitis in vivo neuraminidase activity increases in nonencapsulated pneumococci following conjunctival infection. <i>Current Eye Research</i> , <b>2010</b> , 35, 787-98	2.9	22
16	Development of a <i>Streptococcus pneumoniae</i> keratitis model in mice. <i>Ophthalmic Research</i> , <b>2009</b> , 42, 141-6	2.9	10
15	Properties of PASP: a <i>Pseudomonas</i> protease capable of mediating corneal erosions <b>2009</b> , 50, 3794-801		37
14	Efficacy of besifloxacin in a rabbit model of methicillin-resistant <i>Staphylococcus aureus</i> keratitis. <i>Cornea</i> , <b>2009</b> , 28, 1055-60	3.1	28
13	Protection from <i>Streptococcus pneumoniae</i> keratitis by passive immunization with pneumolysin antiserum. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 290-4		12
12	A comparison of pneumolysin activity and concentration in vitro and in vivo in a rabbit endophthalmitis model. <i>Clinical Ophthalmology</i> , <b>2008</b> , 2, 793-800	2.5	13
11	Age-related differences in rabbits during experimental <i>Staphylococcus aureus</i> keratitis. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 5125-31		13
10	Cholesterol as treatment for pneumococcal keratitis: cholesterol-specific inhibition of pneumolysin in the cornea. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 2661-6		24

9	Corneal virulence of <i>Pseudomonas aeruginosa</i> elastase B and alkaline protease produced by <i>Pseudomonas putida</i> . <i>Current Eye Research</i> , <b>2007</b> , 32, 373-86	2.9	30
8	Ocular virulence of capsule-deficient streptococcus pneumoniae in a rabbit keratitis model. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 604-8		24
7	<i>Pseudomonas aeruginosa</i> protease IV: a corneal virulence factor of low immunogenicity. <i>Ocular Immunology and Inflammation</i> , <b>2005</b> , 13, 169-82	2.8	11
6	Identification of a novel secreted protease from <i>Pseudomonas aeruginosa</i> that causes corneal erosions. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 3761-8		63
5	<i>Pseudomonas</i> keratitis: protease IV gene conservation, distribution, and production relative to virulence and other <i>Pseudomonas</i> proteases. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 522-30		37
4	Effectiveness of ciprofloxacin, levofloxacin, or moxifloxacin for treatment of experimental <i>Staphylococcus aureus</i> keratitis. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 1948-52	5.9	54
3	Molecular analysis of <i>Pseudomonas aeruginosa</i> protease IV expressed in <i>Pseudomonas putida</i> . <i>Investigative Ophthalmology and Visual Science</i> , <b>2003</b> , 44, 190-6		28
2	<i>Pseudomonas aeruginosa</i> protease IV enzyme assays and comparison to other <i>Pseudomonas</i> proteases. <i>Analytical Biochemistry</i> , <b>2001</b> , 290, 330-7	3.1	114
1	Effectiveness of ciprofloxacin and ofloxacin in a prophylaxis model of <i>Staphylococcus</i> keratitis. <i>Cornea</i> , <b>2001</b> , 20, 878-80	3.1	10