

Peter-John Wormald

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.

110
papers

3,076
citations

27
h-index

53
g-index

119
ext. papers

3,719
ext. citations

5.1
avg, IF

5.19
L-index

#	Paper	IF	Citations
110	Prophage: a crucial catalyst in infectious disease modulation.. <i>Lancet Microbe, The</i> , 2022 , 3, e162-e163	22.2	1
109	In Vitro safety and anti-bacterial efficacy assessment of Acriflavine.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022 ,	9.3	
108	Efficacy and Safety of Novel Beta-Chitin Patches as Haemostat in Rat Vascular and Neurosurgical Model.. <i>Frontiers in Surgery</i> , 2022 , 9, 830364	2.3	
107	Remote FESS Training with advanced manufactured 3D sinus models. <i>Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology)</i> , 2022 , 61, 173-173	0.1	
106	Prophages encoding human immune evasion cluster genes are enriched in isolated from chronic rhinosinusitis patients with nasal polyps.. <i>Microbial Genomics</i> , 2021 , 7,	4.4	2
105	In vitro and in vivo evaluation of probiotic properties of <i>Corynebacterium accolens</i> isolated from the human nasal cavity. <i>Microbiological Research</i> , 2021 , 255, 126927	5.3	
104	Green synthesized colloidal silver is devoid of toxic effects on primary human nasal epithelial cells in vitro. <i>Food and Chemical Toxicology</i> , 2021 , 157, 112606	4.7	0
103	Trimellitic anhydride facilitates transepithelial permeability disrupting tight junctions in sinonasal epithelial cells. <i>Toxicology Letters</i> , 2021 , 353, 27-33	4.4	1
102	The potential of chitosan-based haemostats for use in neurosurgical setting - Literature review. <i>Journal of Clinical Neuroscience</i> , 2021 , 94, 128-134	2.2	0
101	Tertiary Lymphoid Organs: A Primer for Otolaryngologists. <i>Laryngoscope</i> , 2021 , 131, 1697-1703	3.6	0
100	Association between mucosal barrier disruption by <i>Pseudomonas aeruginosa</i> exoproteins and asthma in patients with chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 3459-3469	9.3	6
99	Colloidal silver combating pathogenic <i>Pseudomonas aeruginosa</i> and MRSA in chronic rhinosinusitis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 202, 111675	6	3
98	Cytokine-Induced Modulation of SARS-CoV2 Receptor Expression in Primary Human Nasal Epithelial Cells. <i>Pathogens</i> , 2021 , 10,	4.5	2
97	Optimal primer selection for sinus microbiome profiling: A comparative analysis of the V1-V3 and V3-4 16S target regions. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 1698-1702	6.3	
96	Proteomic analysis of nasal mucus samples of healthy patients and patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 168-178	11.5	10
95	Adjunctive techniques to dacryocystorhinostomy: an evidence-based review with recommendations. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 885-893	6.3	4
94	Tween 80 and its derivative oleic acid promote the growth of <i>Corynebacterium accolens</i> and inhibit <i>Staphylococcus aureus</i> clinical isolates. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 810-813	6.3	0

93	Metallothionein-3 is a clinical biomarker for tissue zinc levels in nasal mucosa. <i>Auris Nasus Larynx</i> , 2021 , 48, 890-897	2.2	1
92	Has Antimicrobial Activity against and Methicillin-Resistant Pathogens Isolated from the Sinonasal Niche of Chronic Rhinosinusitis Patients. <i>Pathogens</i> , 2021 , 10,	4.5	9
91	Der p 1 Disrupts the Epithelial Barrier and Induces IL-6 Production in Patients With House Dust Mite Allergic Rhinitis.. <i>Frontiers in Allergy</i> , 2021 , 2, 692049	0	0
90	The effect of chemical and structural modifiers on the haemostatic process and cytotoxicity of the beta-chitin patch. <i>Scientific Reports</i> , 2021 , 11, 18577	4.9	
89	Preclinical Development of a Bacteriophage Cocktail for Treating Multidrug Resistant Infections. <i>Microorganisms</i> , 2021 , 9,	4.9	3
88	Acoustic drug delivery to the maxillary sinus. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120927	6.5	5
87	Association between viral infection and increased mucosal eosinophils and CD8 CD103 T cells in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 978-980	6.3	
86	Vascular Anatomy of the Inferior Turbinate and Its Clinical Implications. <i>American Journal of Rhinology and Allergy</i> , 2020 , 34, 604-609	2.4	5
85	The international sinonasal microbiome study: A multicentre, multinational characterization of sinonasal bacterial ecology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2037-2049	9.3	21
84	Prevention of peridural adhesions in spinal surgery: Assessing safety and efficacy of Chitogel with Deferiprone in a sheep model. <i>Journal of Clinical Neuroscience</i> , 2020 , 72, 378-385	2.2	1
83	Microbiotyping the Sinonasal Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 137	5.9	8
82	Inhibition of and biofilms by quatsomes in low concentrations. <i>Experimental Biology and Medicine</i> , 2020 , 245, 34-41	3.7	5
81	Endoscopic Fluorescence-Guided Surgery for Sinonasal Cancer Using an Antibody-Dye Conjugate. <i>Laryngoscope</i> , 2020 , 130, 2811-2817	3.6	7
80	The Microbiome of the Nasolacrimal System and Its Role in Nasolacrimal Duct Obstruction. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2020 , 36, 80-85	1.4	5
79	Barrier disruptive effects of mucus isolated from chronic rhinosinusitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 200-203	9.3	6
78	Safety and Tolerability of Bacteriophage Therapy for Chronic Rhinosinusitis Due to <i>Staphylococcus aureus</i> . <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019 , 145, 723-729	3.9	62
77	-Induced Barrier Disruption Correlates With Elastase Activity and Marks Chronic Rhinosinusitis Severity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 38	5.9	16
76	Inducing a Mucosal Barrier-Sparing Inflammatory Response in Laboratory-Grown Primary Human Nasal Epithelial Cells. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2019 , 80, e69	1	9

75	The presence of virus significantly associates with chronic rhinosinusitis disease severity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1569-1572	9.3	7
74	The effect of neutrophil serine proteases on human nasal epithelial cell barrier function. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 1220-1226	6.3	14
73	Sub-Inhibitory Clindamycin and Azithromycin reduce Exoprotein Induced Toxicity, Inflammation, Barrier Disruption and Invasion. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
72	Free mucosal grafts and anterior pedicled flaps to prevent ostium restenosis after endoscopic modified Lothrop (frontal drillout) procedure: a randomized, controlled study. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 1387-1394	6.3	12
71	Manuka honey sinus irrigations in recalcitrant chronic rhinosinusitis: phase 1 randomized, single-blinded, placebo-controlled trial. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 1470-1477	6.3	12
70	Effect of commercial nasal steroid preparation on bacterial growth. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 766-775	6.3	4
69	Safety and efficacy of a bacteriophage cocktail in an in vivo model of <i>Pseudomonas aeruginosa</i> sinusitis. <i>Translational Research</i> , 2019 , 206, 41-56	11	19
68	In vitro characteristics of an airway barrier-disrupting factor secreted by <i>Staphylococcus aureus</i> . <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 187-196	6.3	3
67	Partial resection of the middle turbinate during endoscopic sinus surgery for chronic rhinosinusitis does not lead to an increased risk of empty nose syndrome: a cohort study of a tertiary practice. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 959	6.3	10
66	Role of fungi in chronic rhinosinusitis through ITS sequencing. <i>Laryngoscope</i> , 2018 , 128, 16-22	3.6	17
65	<i>Staphylococcus aureus</i> V8 protease disrupts the integrity of the airway epithelial barrier and impairs IL-6 production in vitro. <i>Laryngoscope</i> , 2018 , 128, E8-E15	3.6	26
64	Primary human nasal epithelial cells: a source of poly (I:C) LMW-induced IL-6 production. <i>Scientific Reports</i> , 2018 , 8, 11325	4.9	16
63	<i>Staphylococcus aureus</i> small colony variants: Prevalence in chronic rhinosinusitis and induction by antibiotics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 2403-2405	9.3	2
62	Topical Colloidal Silver for the Treatment of Recalcitrant Chronic Rhinosinusitis. <i>Frontiers in Microbiology</i> , 2018 , 9, 720	5.7	10
61	Safety and Efficacy of Topical Chitogel- Deferiprone-Gallium Protoporphyrin in Sheep Model. <i>Frontiers in Microbiology</i> , 2018 , 9, 917	5.7	8
60	Naive and effector B-cell subtypes are increased in chronic rhinosinusitis with polyps. <i>American Journal of Rhinology and Allergy</i> , 2018 , 32, 3-6	2.4	4
59	Bacteriophage effectively kills multidrug resistant <i>Staphylococcus aureus</i> clinical isolates from chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 406-414	6.3	21
58	The efficacy of a novel budesonide chitosan gel on wound healing following endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 435-443	6.3	5

57	from patients with chronic rhinosinusitis show minimal genetic association between polyp and non-polyp phenotypes. <i>BMC Ear, Nose and Throat Disorders</i> , 2018 , 18, 16	8	5
56	Comparative Viral Sampling in the Sinonasal Passages; Different Viruses at Different Sites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 334	5.9	8
55	Sirtuin-1 Controls Poly (I:C)-Dependent Matrix Metalloproteinase 9 Activation in Primary Human Nasal Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 500-510	5.7	10
54	Mucosal zinc deficiency in chronic rhinosinusitis with nasal polyposis contributes to barrier disruption and decreases ZO-1. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 2095-2097	9.3	14
53	Discordant frequencies of tissue-resident and circulating CD180-negative B cells in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2017 , 7, 609-614	6.3	3
52	A Topical Hydrogel with Deferiprone and Gallium-Protoporphyrin Targets Bacterial Iron Metabolism and Has Antibiofilm Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	36
51	The International Classification of the radiological Complexity (ICC) of frontal recess and frontal sinus. <i>International Forum of Allergy and Rhinology</i> , 2017 , 7, 332-337	6.3	3
50	Taking the Silver Bullet Colloidal Silver Particles for the Topical Treatment of Biofilm-Related Infections. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 21631-21638	9.5	30
49	Increased IL-13 expression is independently associated with neo-osteogenesis in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1444-1448.e11	11.5	9
48	Chitosan Dextran gel as an anti adhesion agent in a postlaminectomy spinal sheep model. <i>Journal of Clinical Neuroscience</i> , 2017 , 40, 153-156	2.2	7
47	Therapy of Sinonasal Microbiome in CRS: A Critical Approach. <i>Current Allergy and Asthma Reports</i> , 2017 , 17, 59	5.6	29
46	Tertiary lymphoid organs in recalcitrant chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1371-1373.e6	11.5	15
45	Identification of the Bacterial Reservoirs for the Middle Ear Using Phylogenetic Analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017 , 143, 155-161	3.9	22
44	Sinus Penetration of a Pulsating Device Versus the Classic Squeeze Bottle in Cadavers Undergoing Sinus Surgery. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2017 , 126, 9-13	2.1	13
43	Biofilm and Osteitis in Refractory Chronic Rhinosinusitis. <i>Otolaryngologic Clinics of North America</i> , 2017 , 50, 49-60	2	10
42	Long-Term Safety of Topical Bacteriophage Application to the Frontal Sinus Region. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 49	5.9	29
41	Simulation Training for Vascular Emergencies in Endoscopic Sinus and Skull Base Surgery. <i>Otolaryngologic Clinics of North America</i> , 2016 , 49, 877-87	2	15
40	Subepithelial inflammatory load and basement membrane thickening in refractory chronic rhinosinusitis with nasal polyposis: a histopathological study. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 248-55	6.3	26

39	Mind "De GaPP": in vitro efficacy of deferiprone and gallium-protoporphyrin against <i>Staphylococcus aureus</i> biofilms. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 737-43	6.3	29
38	T regulatory and Th17 cells in chronic rhinosinusitis with polyps. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 826-34	6.3	13
37	Multi-institutional study of risk factors for perioperative morbidity following transnasal endoscopic pituitary adenoma surgery. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 101-7	6.3	30
36	Enumerating Virus-Like Particles and Bacterial Populations in the Sinuses of Chronic Rhinosinusitis Patients Using Flow Cytometry. <i>PLoS ONE</i> , 2016 , 11, e0155003	3.7	3
35	Association of intracellular <i>Staphylococcus aureus</i> with prognosis in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 792-9	6.3	15
34	A golden experience: Fifty years of experience managing the frontal sinus. <i>Laryngoscope</i> , 2016 , 126, 802-7	3.6	10
33	The International Frontal Sinus Anatomy Classification (IFAC) and Classification of the Extent of Endoscopic Frontal Sinus Surgery (EFSS). <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 677-96	6.3	82
32	The effect of blood pressure and cardiac output on the quality of the surgical field and middle cerebral artery blood flow during endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 701-9	6.3	18
31	The microbiome of otitis media with effusion. <i>Laryngoscope</i> , 2016 , 126, 2844-2851	3.6	48
30	Fighting sinus-derived <i>Staphylococcus aureus</i> biofilms in vitro with a bacteriophage-derived muralytic enzyme. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 349-55	6.3	17
29	Outcomes of revision endoscopic modified Lothrop procedure. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 518-22	6.3	11
28	The endoscopic transseptal approach for choanal atresia repair. <i>International Forum of Allergy and Rhinology</i> , 2016 , 6, 654-60	6.3	15
27	An in vivo safety and efficacy demonstration of a topical liposomal nitric oxide donor treatment for <i>Staphylococcus aureus</i> biofilm-associated rhinosinusitis. <i>Translational Research</i> , 2015 , 166, 683-92	11	21
26	TLR response pathways in NuLi-1 cells and primary human nasal epithelial cells. <i>Molecular Immunology</i> , 2015 , 68, 476-83	4.3	15
25	Endoscopic dacryocystorhinostomy and obstructive sleep apnoea: the effects and outcomes of continuous positive airway pressure therapy. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 405-8	2.4	5
24	Role of crushed skeletal muscle extract in hemostasis. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 431-4	6.3	4
23	Distribution and Inhibition of Liposomes on <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> Biofilm. <i>PLoS ONE</i> , 2015 , 10, e0131806	3.7	41
22	Sinonasal microbiome sampling: a comparison of techniques. <i>PLoS ONE</i> , 2015 , 10, e0123216	3.7	40

21	Long-term outcomes in primary powered endoscopic dacryocystorhinostomy. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1678-80	5.5	46
20	Dacryocystorhinostomy ostium: parameters to evaluate and DCR ostium scoring. <i>Clinical Ophthalmology</i> , 2014 , 8, 2491-9	2.5	32
19	Management of carotid artery injury in endonasal surgery. <i>International Archives of Otorhinolaryngology</i> , 2014 , 18, S173-8	1.5	27
18	Liposome-encapsulated ISMN: a novel nitric oxide-based therapeutic agent against <i>Staphylococcus aureus</i> biofilms. <i>PLoS ONE</i> , 2014 , 9, e92117	3.7	32
17	The microbiome of chronic rhinosinusitis: culture, molecular diagnostics and biofilm detection. <i>BMC Infectious Diseases</i> , 2013 , 13, 210	4	187
16	Intracellular <i>Staphylococcus aureus</i> : the Trojan horse of recalcitrant chronic rhinosinusitis?. <i>International Forum of Allergy and Rhinology</i> , 2013 , 3, 261-6	6.3	49
15	EPOS 2012: European position paper on rhinosinusitis and nasal polyps 2012. A summary for otorhinolaryngologists. <i>Rhinology</i> , 2012 , 50, 1-12	7	711
14	Characterization of bacterial and fungal biofilms in chronic rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , 2009 , 23, 556-61	2.4	132
13	The effect of bacterial biofilms on post-sinus surgical outcomes. <i>American Journal of Rhinology & Allergy</i> , 2008 , 22, 1-6		150
12	A prospective single-blind randomized controlled study of use of hyaluronic acid nasal packs in patients after endoscopic sinus surgery. <i>American Journal of Rhinology & Allergy</i> , 2006 , 20, 7-10		22
11	The Effect of a Hyaluronic Acid-Based Nasal Pack on Mucosal Healing in a Sheep Model of Sinusitis. <i>American Journal of Rhinology & Allergy</i> , 2005 , 19, 572-576		27
10	The Effect of Insulin-Like Growth Factor 1 Incorporated into a Hyaluronic Acid-Based Nasal Pack on Nasal Mucosal Healing in a Healthy Sheep Model and a Sheep Model of Chronic Sinusitis. <i>American Journal of Rhinology & Allergy</i> , 2005 , 19, 251-256		17
9	Surgery of the frontal recess and frontal sinus. <i>Rhinology</i> , 2005 , 43, 82-5	7	10
8	An evaluation of effect of pterygopalatine fossa injection with local anesthetic and adrenalin in the control of nasal bleeding during endoscopic sinus surgery. <i>American Journal of Rhinology & Allergy</i> , 2005 , 19, 288-92		28
7	A comparative study of three methods of nasal irrigation. <i>Laryngoscope</i> , 2004 , 114, 2224-7	3.6	127
6	Modified endoscopic lothrop as a salvage for the failed osteoplastic flap with obliteration. <i>Laryngoscope</i> , 2003 , 113, 1988-92	3.6	37
5	Endoscopic removal of sinonasal inverted papilloma including endoscopic medial maxillectomy. <i>Laryngoscope</i> , 2003 , 113, 867-73	3.6	142
4	Endoscopic removal of juvenile angiofibromas. <i>Otolaryngology - Head and Neck Surgery</i> , 2003 , 129, 684-93	3.5	69

- 3 The axillary flap approach to the frontal recess. *Laryngoscope*, **2002**, 112, 494-9 3.6 57
- 2 A study of the normal temporal healing pattern and the mucociliary transport after endoscopic partial and full-thickness removal of nasal mucosa in sheep. *Immunology and Cell Biology*, **2001**, 79, 145-8⁵ 29
- 1 Endoscopic ligation of the sphenopalatine artery for refractory posterior epistaxis. *American Journal of Rhinology & Allergy*, **2000**, 14, 261-4 48