Peter-John Wormald

List of Publications by Citations

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	EPOS 2012: European position paper on rhinosinusitis and nasal polyps 2012. A summary for otorhinolaryngologists. *Rhinology*, **2012**, 50, 1-12	7	711
109	The microbiome of chronic rhinosinusitis: culture, molecular diagnostics and biofilm detection. *BMC Infectious Diseases*, **2013**, 13, 210	4	187
108	The effect of bacterial biofilms on post-sinus surgical outcomes. *American Journal of Rhinology & Allergy*, **2008**, 22, 1-6		150
107	Endoscopic removal of sinonasal inverted papilloma including endoscopic medial maxillectomy. *Laryngoscope*, **2003**, 113, 867-73	3.6	142
106	Characterization of bacterial and fungal biofilms in chronic rhinosinusitis. *American Journal of Rhinology and Allergy*, **2009**, 23, 556-61	2.4	132
105	A comparative study of three methods of nasal irrigation. *Laryngoscope*, **2004**, 114, 2224-7	3.6	127
104	The International Frontal Sinus Anatomy Classification (IFAC) and Classification of the Extent of Endoscopic Frontal Sinus Surgery (EFSS). *International Forum of Allergy and Rhinology*, **2016**, 6, 677-96	6.3	82
103	Endoscopic removal of juvenile angiofibromas. *Otolaryngology - Head and Neck Surgery*, **2003**, 129, 684-94	3.5	69
102	Safety and Tolerability of Bacteriophage Therapy for Chronic Rhinosinusitis Due to Staphylococcus aureus. *JAMA Otolaryngology - Head and Neck Surgery*, **2019**, 145, 723-729	3.9	62
101	The axillary flap approach to the frontal recess. *Laryngoscope*, **2002**, 112, 494-9	3.6	57
100	Intracellular Staphylococcus aureus: the Trojan horse of recalcitrant chronic rhinosinusitis?. *International Forum of Allergy and Rhinology*, **2013**, 3, 261-6	6.3	49
99	Endoscopic ligation of the sphenopalatine artery for refractory posterior epistaxis. *American Journal of Rhinology & Allergy*, **2000**, 14, 261-4		48
98	The microbiome of otitis media with effusion. *Laryngoscope*, **2016**, 126, 2844-2851	3.6	48
97	Long-term outcomes in primary powered endoscopic dacryocystorhinostomy. *British Journal of Ophthalmology*, **2014**, 98, 1678-80	5.5	46
96	Distribution and Inhibition of Liposomes on Staphylococcus aureus and Pseudomonas aeruginosa Biofilm. *PLoS ONE*, **2015**, 10, e0131806	3.7	41
95	Sinonasal microbiome sampling: a comparison of techniques. *PLoS ONE*, **2015**, 10, e0123216	3.7	40
94	Modified endoscopic lothrop as a salvage for the failed osteoplastic flap with obliteration. *Laryngoscope*, **2003**, 113, 1988-92	3.6	37

93	A Topical Hydrogel with Deferiprone and Gallium-Protoporphyrin Targets Bacterial Iron Metabolism and Has Antibiofilm Activity. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	36
92	Dacryocystorhinostomy ostium: parameters to evaluate and DCR ostium scoring. *Clinical Ophthalmology*, **2014**, 8, 2491-9	2.5	32
91	Liposome-encapsulated ISMN: a novel nitric oxide-based therapeutic agent against Staphylococcus aureus biofilms. *PLoS ONE*, **2014**, 9, e92117	3.7	32
90	Taking the Silver Bullet Colloidal Silver Particles for the Topical Treatment of Biofilm-Related Infections. *ACS Applied Materials & Interfaces*, **2017**, 9, 21631-21638	9.5	30
89	Multi-institutional study of risk factors for perioperative morbidity following transnasal endoscopic pituitary adenoma surgery. *International Forum of Allergy and Rhinology*, **2016**, 6, 101-7	6.3	30
88	Mind "De GaPP": in vitro efficacy of deferiprone and gallium-protoporphyrin against Staphylococcus aureus biofilms. *International Forum of Allergy and Rhinology*, **2016**, 6, 737-43	6.3	29
87	Therapy of Sinonasal Microbiome in CRS: A Critical Approach. *Current Allergy and Asthma Reports*, **2017**, 17, 59	5.6	29
86	Long-Term Safety of Topical Bacteriophage Application to the Frontal Sinus Region. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 49	5.9	29
85	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, 145-8	5	29
84	An evaluation of effect of pterygopalatine fossa injection with local anesthetic and adrenalin in the control of nasal bleeding during endoscopic sinus surgery. *American Journal of Rhinology & Allergy*, **2005**, 19, 288-92		28
83	Management of carotid artery injury in endonasal surgery. *International Archives of Otorhinolaryngology*, **2014**, 18, S173-8	1.5	27
82	The Effect of a Hyaluronic AcidBased Nasal Pack on Mucosal Healing in a Sheep Model of Sinusitis. *American Journal of Rhinology & Allergy*, **2005**, 19, 572-576		27
81	Staphylococcus Aureus V8 protease disrupts the integrity of the airway epithelial barrier and impairs IL-6 production in vitro. *Laryngoscope*, **2018**, 128, E8-E15	3.6	26
80	Subepithelial inflammatory load and basement membrane thickening in refractory chronic rhinosinusitis with nasal polyposis: a histopathological study. *International Forum of Allergy and Rhinology*, **2016**, 6, 248-55	6.3	26
79	Identification of the Bacterial Reservoirs for the Middle Ear Using Phylogenic Analysis. *JAMA Otolaryngology - Head and Neck Surgery*, **2017**, 143, 155-161	3.9	22
78	A prospective single-blind randomized controlled study of use of hyaluronic acid nasal packs in patients after endoscopic sinus surgery. *American Journal of Rhinology & Allergy*, **2006**, 20, 7-10		22
77	An in vivo safety and efficacy demonstration of a topical liposomal nitric oxide donor treatment for Staphylococcus aureus biofilm-associated rhinosinusitis. *Translational Research*, **2015**, 166, 683-92	11	21
76	The international sinonasal microbiome study: A multicentre, multinational characterization of sinonasal bacterial ecology. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 2037-2049	9.3	21

75	Bacteriophage effectively kills multidrug resistant Staphylococcus aureus clinical isolates from chronic rhinosinusitis patients. *International Forum of Allergy and Rhinology*, **2018**, 8, 406-414	6.3	21
74	Safety and efficacy of a bacteriophage cocktail in an in vivo model of Pseudomonas aeruginosa sinusitis. *Translational Research*, **2019**, 206, 41-56	11	19
73	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. *International Forum of Allergy and Rhinology*, **2016**, 6, 701-9	6.3	18
72	Role of fungi in chronic rhinosinusitis through ITS sequencing. *Laryngoscope*, **2018**, 128, 16-22	3.6	17
71	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. *American Journal of Rhinology & Allergy*, **2005**, 19, 251-256		17
70	Fighting sinus-derived Staphylococcus aureus biofilms in vitro with a bacteriophage-derived muralytic enzyme. *International Forum of Allergy and Rhinology*, **2016**, 6, 349-55	6.3	17
69	-Induced Barrier Disruption Correlates With Elastase Activity and Marks Chronic Rhinosinusitis Severity. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 38	5.9	16
68	Primary human nasal epithelial cells: a source of poly (I:C) LMW-induced IL-6 production. *Scientific Reports*, **2018**, 8, 11325	4.9	16
67	Simulation Training for Vascular Emergencies in Endoscopic Sinus and Skull Base Surgery. *Otolaryngologic Clinics of North America*, **2016**, 49, 877-87	2	15
66	Tertiary lymphoid organs in recalcitrant chronic rhinosinusitis. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1371-1373.e6	11.5	15
65	TLR response pathways in NuLi-1 cells and primary human nasal epithelial cells. *Molecular Immunology*, **2015**, 68, 476-83	4.3	15
64	Association of intracellular Staphylococcus aureus with prognosis in chronic rhinosinusitis. *International Forum of Allergy and Rhinology*, **2016**, 6, 792-9	6.3	15
63	The endoscopic transseptal approach for choanal atresia repair. *International Forum of Allergy and Rhinology*, **2016**, 6, 654-60	6.3	15
62	The effect of neutrophil serine proteases on human nasal epithelial cell barrier function. *International Forum of Allergy and Rhinology*, **2019**, 9, 1220-1226	6.3	14
61	Mucosal zinc deficiency in chronic rhinosinusitis with nasal polyposis contributes to barrier disruption and decreases ZO-1. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 2095-2097	9.3	14
60	T regulatory and Th17 cells in chronic rhinosinusitis with polyps. *International Forum of Allergy and Rhinology*, **2016**, 6, 826-34	6.3	13
59	Sinus Penetration of a Pulsating Device Versus the Classic Squeeze Bottle in Cadavers Undergoing Sinus Surgery. *Annals of Otology, Rhinology and Laryngology*, **2017**, 126, 9-13	2.1	13
58	Free mucosal grafts and anterior pedicled flaps to prevent ostium restenosis after endoscopic modified Lothrop (frontal drillout) procedure: a randomized, controlled study. *International Forum of Allergy and Rhinology*, **2019**, 9, 1387-1394	6.3	12

57	Manuka honey sinus irrigations in recalcitrant chronic rhinosinusitis: phase 1 randomized, single-blinded, placebo-controlled trial. *International Forum of Allergy and Rhinology*, **2019**, 9, 1470-1477	6.3	12
56	Outcomes of revision endoscopic modified Lothrop procedure. *International Forum of Allergy and Rhinology*, **2016**, 6, 518-22	6.3	11
55	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. *International Forum of Allergy and Rhinology*, **2018**, 8, 959	6.3	10
54	Topical Colloidal Silver for the Treatment of Recalcitrant Chronic Rhinosinusitis. *Frontiers in Microbiology*, **2018**, 9, 720	5.7	10
53	Sub-Inhibitory Clindamycin and Azithromycin reduce Exoprotein Induced Toxicity, Inflammation, Barrier Disruption and Invasion. *Journal of Clinical Medicine*, **2019**, 8,	5.1	10
52	Biofilm and Osteitis in Refractory Chronic Rhinosinusitis. *Otolaryngologic Clinics of North America*, **2017**, 50, 49-60	2	10
51	A golden experience: Fifty years of experience managing the frontal sinus. *Laryngoscope*, **2016**, 126, 802-6	3	10
50	Proteomic analysis of nasal mucus samples of healthy patients and patients with chronic rhinosinusitis. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 168-178	11.5	10
49	Sirtuin-1 Controls Poly (I:C)-Dependent Matrix Metalloproteinase 9 Activation in Primary Human Nasal Epithelial Cells. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 59, 500-510	5.7	10
48	Surgery of the frontal recess and frontal sinus. *Rhinology*, **2005**, 43, 82-5	7	10
47	Increased IL-13 expression is independently associated with neo-osteogenesis in patients with chronic rhinosinusitis. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1444-1448.e11	11.5	9
46	Inducing a Mucosal Barrier-Sparing Inflammatory Response in Laboratory-Grown Primary Human Nasal Epithelial Cells. *Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]*, **2019**, 80, e69	1	9
45	Has Antimicrobial Activity against and Methicillin-Resistant Pathogens Isolated from the Sinonasal Niche of Chronic Rhinosinusitis Patients. *Pathogens*, **2021**, 10,	4.5	9
44	Microbiotyping the Sinonasal Microbiome. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 137	5.9	8
43	Safety and Efficacy of Topical Chitogel- Deferiprone-Gallium Protoporphyrin in Sheep Model. *Frontiers in Microbiology*, **2018**, 9, 917	5.7	8
42	Comparative Viral Sampling in the Sinonasal Passages; Different Viruses at Different Sites. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 334	5.9	8
41	Chitosan Dextran gel as an anti adhesion agent in a postlaminectomy spinal sheep model. *Journal of Clinical Neuroscience*, **2017**, 40, 153-156	2.2	7
40	The presence of virus significantly associates with chronic rhinosinusitis disease severity. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 1569-1572	9.3	7

39	Endoscopic Fluorescence-Guided Surgery for Sinonasal Cancer Using an Antibody-Dye Conjugate. *Laryngoscope*, **2020**, 130, 2811-2817	3.6	7
38	Association between mucosal barrier disruption by Pseudomonas aeruginosa exoproteins and asthma in patients with chronic rhinosinusitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 3459-3469	9.3	6
37	Barrier disruptive effects of mucus isolated from chronic rhinosinusitis patients. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 200-203	9.3	6
36	Vascular Anatomy of the Inferior Turbinate and Its Clinical Implications. *American Journal of Rhinology and Allergy*, **2020**, 34, 604-609	2.4	5
35	Endoscopic dacryocystorhinostomy and obstructive sleep apnoea: the effects and outcomes of continuous positive airway pressure therapy. *Clinical and Experimental Ophthalmology*, **2015**, 43, 405-8	2.4	5
34	Inhibition of and biofilms by quatsomes in low concentrations. *Experimental Biology and Medicine*, **2020**, 245, 34-41	3.7	5
33	The Microbiome of the Nasolacrimal System and Its Role in Nasolacrimal Duct Obstruction. *Ophthalmic Plastic and Reconstructive Surgery*, **2020**, 36, 80-85	1.4	5
32	The efficacy of a novel budesonide chitosan gel on wound healing following endoscopic sinus surgery. *International Forum of Allergy and Rhinology*, **2018**, 8, 435-443	6.3	5
31	from patients with chronic rhinosinusitis show minimal genetic association between polyp and non-polyp phenotypes. *BMC Ear, Nose and Throat Disorders*, **2018**, 18, 16	8	5
30	Acoustic drug delivery to the maxillary sinus. *International Journal of Pharmaceutics*, **2021**, 606, 120927	6.5	5
29	Naive and effector B-cell subtypes are increased in chronic rhinosinusitis with polyps. *American Journal of Rhinology and Allergy*, **2018**, 32, 3-6	2.4	4
28	Role of crushed skeletal muscle extract in hemostasis. *International Forum of Allergy and Rhinology*, **2015**, 5, 431-4	6.3	4
27	Effect of commercial nasal steroid preparation on bacterial growth. *International Forum of Allergy and Rhinology*, **2019**, 9, 766-775	6.3	4
26	Adjunctive techniques to dacryocystorhinostomy: an evidence-based review with recommendations. *International Forum of Allergy and Rhinology*, **2021**, 11, 885-893	6.3	4
25	Discordant frequencies of tissue-resident and circulating CD180-negative B cells in chronic rhinosinusitis. *International Forum of Allergy and Rhinology*, **2017**, 7, 609-614	6.3	3
24	The International Classification of the radiological Complexity (ICC) of frontal recess and frontal sinus. *International Forum of Allergy and Rhinology*, **2017**, 7, 332-337	6.3	3
23	Enumerating Virus-Like Particles and Bacterial Populations in the Sinuses of Chronic Rhinosinusitis Patients Using Flow Cytometry. *PLoS ONE*, **2016**, 11, e0155003	3.7	3
22	Colloidal silver combating pathogenic Pseudomonas aeruginosa and MRSA in chronic rhinosinusitis. *Colloids and Surfaces B: Biointerfaces*, **2021**, 202, 111675	6	3

21	In vitro characteristics of an airway barrier-disrupting factor secreted by Staphylococcus aureus. *International Forum of Allergy and Rhinology*, **2019**, 9, 187-196	6.3	3
20	Preclinical Development of a Bacteriophage Cocktail for Treating Multidrug Resistant Infections. *Microorganisms*, **2021**, 9,	4.9	3
19	Staphylococcus aureus small colony variants: Prevalence in chronic rhinosinusitis and induction by antibiotics. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 2403-2405	9.3	2
18	Prophages encoding human immune evasion cluster genes are enriched in isolated from chronic rhinosinusitis patients with nasal polyps.. *Microbial Genomics*, **2021**, 7,	4.4	2
17	Cytokine-Induced Modulation of SARS-CoV2 Receptor Expression in Primary Human Nasal Epithelial Cells. *Pathogens*, **2021**, 10,	4.5	2
16	Prevention of peridural adhesions in spinal surgery: Assessing safety and efficacy of Chitogel with Deferiprone in a sheep model. *Journal of Clinical Neuroscience*, **2020**, 72, 378-385	2.2	1
15	Prophage: a crucial catalyst in infectious disease modulation.. *Lancet Microbe, The*, **2022**, 3, e162-e163	22.2	1
14	Trimellitic anhydride facilitates transepithelial permeability disrupting tight junctions in sinonasal epithelial cells. *Toxicology Letters*, **2021**, 353, 27-33	4.4	1
13	Metallothionein-3 is a clinical biomarker for tissue zinc levels in nasal mucosa. *Auris Nasus Larynx*, **2021**, 48, 890-897	2.2	1
12	Green synthesized colloidal silver is devoid of toxic effects on primary human nasal epithelial cells in vitro. *Food and Chemical Toxicology*, **2021**, 157, 112606	4.7	0
11	The potential of chitosan-based haemostats for use in neurosurgical setting - Literature review. *Journal of Clinical Neuroscience*, **2021**, 94, 128-134	2.2	0
10	Tertiary Lymphoid Organs: A Primer for Otolaryngologists. *Laryngoscope*, **2021**, 131, 1697-1703	3.6	0
9	Tween 80 and its derivative oleic acid promote the growth of Corynebacterium accolens and inhibit Staphylococcus aureus clinical isolates. *International Forum of Allergy and Rhinology*, **2021**, 11, 810-813	6.3	0
8	Der p 1 Disrupts the Epithelial Barrier and Induces IL-6 Production in Patients With House Dust Mite Allergic Rhinitis.. *Frontiers in Allergy*, **2021**, 2, 692049	0	0
7	Association between viral infection and increased mucosal eosinophils and CD8 CD103 T cells in chronic rhinosinusitis. *International Forum of Allergy and Rhinology*, **2020**, 10, 978-980	6.3	
6	In vitro and in vivo evaluation of probiotic properties of Corynebacterium accolens isolated from the human nasal cavity. *Microbiological Research*, **2021**, 255, 126927	5.3	
5	Optimal primer selection for sinus microbiome profiling: A comparative analysis of the V1-V3 and V3-4 16S target regions. *International Forum of Allergy and Rhinology*, **2021**, 11, 1698-1702	6.3	
4	The effect of chemical and structural modifiers on the haemostatic process and cytotoxicity of the beta-chitin patch. *Scientific Reports*, **2021**, 11, 18577	4.9	

3	In Vitro safety and anti-bacterial efficacy assessment of Acriflavine.. *Allergy: European Journal of Allergy and Clinical Immunology*, **2022**,	9.3
2	Efficacy and Safety of Novel Beta-Chitin Patches as Haemostat in Rat Vascular and Neurosurgical Model.. *Frontiers in Surgery*, **2022**, 9, 830364	2.3
1	Remote FESS Training with advanced manufactured 3D sinus models. *Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology)*, **2022**, 61, 173-173	0.1