

# Sarah Vreugde

## List of Publications by Citations

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129  
papers

2,715  
citations

28  
h-index

47  
g-index

136  
ext. papers

3,415  
ext. citations

5.9  
avg, IF

5.09  
L-index

| #   | Paper                                                                                                                                                                                                                                     | IF   | Citations |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 129 | Beethoven, a mouse model for dominant, progressive hearing loss DFNA36. <i>Nature Genetics</i> , <b>2002</b> , 30, 257-8                                                                                                                  | 36.3 | 207       |
| 128 | From fliesReyes to our ears: mutations in a human class III myosin cause progressive nonsyndromic hearing loss DFNB30. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 7518-23 | 11.5 | 202       |
| 127 | SPPL2a and SPPL2b promote intramembrane proteolysis of TNFalpha in activated dendritic cells to trigger IL-12 production. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 843-8                                                             | 23.4 | 160       |
| 126 | USH3A transcripts encode clarin-1, a four-transmembrane-domain protein with a possible role in sensory synapses. <i>European Journal of Human Genetics</i> , <b>2002</b> , 10, 339-50                                                     | 5.3  | 136       |
| 125 | Association between group 2 innate lymphoid cells enrichment, nasal polyps and allergy in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 69, 1154-61                         | 9.3  | 123       |
| 124 | Nuclear myosin VI enhances RNA polymerase II-dependent transcription. <i>Molecular Cell</i> , <b>2006</b> , 23, 749-55                                                                                                                    | 7.6  | 112       |
| 123 | Activity of Bacteriophages in Removing Biofilms of Isolates from Chronic Rhinosinusitis Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 418                                                          | 5.9  | 88        |
| 122 | Safety and Tolerability of Bacteriophage Therapy for Chronic Rhinosinusitis Due to Staphylococcus aureus. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2019</b> , 145, 723-729                                                 | 3.9  | 62        |
| 121 | High frequency of the deafness-associated 167delT mutation in the connexin 26 (GJB2) gene in Israeli Ashkenazim. <i>American Journal of Medical Genetics Part A</i> , <b>1999</b> , 86, 499-500                                           |      | 62        |
| 120 | Intracellular Staphylococcus aureus: the Trojan horse of recalcitrant chronic rhinosinusitis?. <i>International Forum of Allergy and Rhinology</i> , <b>2013</b> , 3, 261-6                                                               | 6.3  | 49        |
| 119 | Methylglyoxal-augmented manuka honey as a topical anti-Staphylococcus aureus biofilm agent: safety and efficacy in an in vivo model. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 187-95                        | 6.3  | 48        |
| 118 | The microbiome of otitis media with effusion. <i>Laryngoscope</i> , <b>2016</b> , 126, 2844-2851                                                                                                                                          | 3.6  | 48        |
| 117 | Bacteriophage reduces biofilm of Staphylococcus aureus ex vivo isolates from chronic rhinosinusitis patients. <i>American Journal of Rhinology and Allergy</i> , <b>2014</b> , 28, 3-11                                                   | 2.4  | 45        |
| 116 | Th17 Cytokines Disrupt the Airway Mucosal Barrier in Chronic Rhinosinusitis. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 9798206                                                                                               | 4.3  | 43        |
| 115 | The bacterial microbiome in chronic rhinosinusitis: Richness, diversity, postoperative changes, and patient outcomes. <i>American Journal of Rhinology and Allergy</i> , <b>2016</b> , 30, 37-43                                          | 2.4  | 42        |
| 114 | Distribution and Inhibition of Liposomes on Staphylococcus aureus and Pseudomonas aeruginosa Biofilm. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131806                                                                                        | 3.7  | 41        |
| 113 | The fungal microbiome in chronic rhinosinusitis: richness, diversity, postoperative changes and patient outcomes. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 259-65                                           | 6.3  | 40        |

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| 112 | Sinonasal microbiome sampling: a comparison of techniques. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123216                                                                                                                                    | 3.7 | 40 |
| 111 | Probiotic manipulation of the chronic rhinosinusitis microbiome. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 309-14                                                                                             | 6.3 | 39 |
| 110 | Staphylococcus aureus impairs the airway epithelial barrier in vitro. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 551-6                                                                                         | 6.3 | 39 |
| 109 | Safety and efficacy of topical bacteriophage and ethylenediaminetetraacetic acid treatment of Staphylococcus aureus infection in a sheep model of sinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 176-86 | 6.3 | 38 |
| 108 | A Topical Hydrogel with Deferiprone and Gallium-Protoporphyrin Targets Bacterial Iron Metabolism and Has Antibiofilm Activity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,                                            | 5.9 | 36 |
| 107 | Deferiprone and Gallium-Protoporphyrin Have the Capacity to Potentiate the Activity of Antibiotics in Small Colony Variants. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 280                                | 5.9 | 32 |
| 106 | Liposome-encapsulated ISMN: a novel nitric oxide-based therapeutic agent against Staphylococcus aureus biofilms. <i>PLoS ONE</i> , <b>2014</b> , 9, e92117                                                                                 | 3.7 | 32 |
| 105 | Small-colony variants and phenotype switching of intracellular Staphylococcus aureus in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 69, 1364-71                            | 9.3 | 31 |
| 104 | Taking the Silver Bullet Colloidal Silver Particles for the Topical Treatment of Biofilm-Related Infections. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21631-21638                                                  | 9.5 | 30 |
| 103 | Mind "De GaPP": in vitro efficacy of deferiprone and gallium-protoporphyrin against Staphylococcus aureus biofilms. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 737-43                                          | 6.3 | 29 |
| 102 | Long-Term Safety of Topical Bacteriophage Application to the Frontal Sinus Region. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 49                                                                           | 5.9 | 29 |
| 101 | Staphylococcus Aureus V8 protease disrupts the integrity of the airway epithelial barrier and impairs IL-6 production in vitro. <i>Laryngoscope</i> , <b>2018</b> , 128, E8-E15                                                            | 3.6 | 26 |
| 100 | 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> , <b>2016</b> , 6, 248-55       | 6.3 | 26 |
| 99  | Early and late complications of endoscopic hemostatic techniques following different carotid artery injury characteristics. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 651-7                                   | 6.3 | 26 |
| 98  | Identification of the Bacterial Reservoirs for the Middle Ear Using Phylogenic Analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2017</b> , 143, 155-161                                                                   | 3.9 | 22 |
| 97  | An in vivo safety and efficacy demonstration of a topical liposomal nitric oxide donor treatment for Staphylococcus aureus biofilm-associated rhinosinusitis. <i>Translational Research</i> , <b>2015</b> , 166, 683-92                    | 11  | 21 |
| 96  | The international sinonasal microbiome study: A multicentre, multinational characterization of sinonasal bacterial ecology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2037-2049              | 9.3 | 21 |
| 95  | Colloidal silver: a novel treatment for Staphylococcus aureus biofilms?. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 171-5                                                                                      | 6.3 | 21 |

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| 94 | Bacteriophage effectively kills multidrug resistant <i>Staphylococcus aureus</i> clinical isolates from chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , <b>2018</b> , 8, 406-414 | 6.3  | 21 |
| 93 | Corticosteroids directly reduce <i>Staphylococcus aureus</i> biofilm growth: an in vitro study. <i>Laryngoscope</i> , <b>2014</b> , 124, 602-7                                                                          | 3.6  | 20 |
| 92 | Reduced Innate Immune Response to a Small Colony Variant Compared to Its Wild-Type Parent Strain. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2016</b> , 6, 187                                        | 5.9  | 20 |
| 91 | Quatsomes for the treatment of <i>Staphylococcus aureus</i> biofilm. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2770-2777                                                                               | 7.3  | 19 |
| 90 | Safety and efficacy of a bacteriophage cocktail in an in vivo model of <i>Pseudomonas aeruginosa</i> sinusitis. <i>Translational Research</i> , <b>2019</b> , 206, 41-56                                                | 11   | 19 |
| 89 | Cousins, siblings, or copies: the genomics of recurrent <i>Staphylococcus aureus</i> infections in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2014</b> , 4, 953-60                | 6.3  | 18 |
| 88 | In vitro safety evaluation of human nasal epithelial cell monolayers exposed to carrageenan sinus wash. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 1170-1177                                | 6.3  | 17 |
| 87 | In vitro safety evaluation of a povidone-iodine solution applied to human nasal epithelial cells. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 1141-1148                                     | 6.3  | 17 |
| 86 | Role of fungi in chronic rhinosinusitis through ITS sequencing. <i>Laryngoscope</i> , <b>2018</b> , 128, 16-22                                                                                                          | 3.6  | 17 |
| 85 | Fighting sinus-derived <i>Staphylococcus aureus</i> biofilms in vitro with a bacteriophage-derived muralytic enzyme. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 349-55                      | 6.3  | 17 |
| 84 | -Induced Barrier Disruption Correlates With Elastase Activity and Marks Chronic Rhinosinusitis Severity. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 38                                  | 5.9  | 16 |
| 83 | Primary human nasal epithelial cells: a source of poly (I:C) LMW-induced IL-6 production. <i>Scientific Reports</i> , <b>2018</b> , 8, 11325                                                                            | 4.9  | 16 |
| 82 | Forms Multispecies Biofilm with : Effects on Antibiotic Susceptibility and Growth in Adverse Conditions. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 344                                 | 5.9  | 16 |
| 81 | Tertiary lymphoid organs in recalcitrant chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1371-1373.e6                                                                    | 11.5 | 15 |
| 80 | TLR response pathways in NuLi-1 cells and primary human nasal epithelial cells. <i>Molecular Immunology</i> , <b>2015</b> , 68, 476-83                                                                                  | 4.3  | 15 |
| 79 | Topical colloidal silver as an anti-biofilm agent in a <i>Staphylococcus aureus</i> chronic rhinosinusitis sheep model. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 283-8                    | 6.3  | 15 |
| 78 | Association of intracellular <i>Staphylococcus aureus</i> with prognosis in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 792-9                                        | 6.3  | 15 |
| 77 | The effect of neutrophil serine proteases on human nasal epithelial cell barrier function. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 1220-1226                                             | 6.3  | 14 |

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| 76 | 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> , <b>2018</b> , 73, 2095-2097                                  | 9.3  | 14 |
| 75 | 3D bioprinting of a cell-laden antibacterial polysaccharide hydrogel composite. <i>Carbohydrate Polymers</i> , <b>2021</b> , 264, 117989                                                                                                                        | 10.3 | 14 |
| 74 | T regulatory and Th17 cells in chronic rhinosinusitis with polyps. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 826-34                                                                                                                | 6.3  | 13 |
| 73 | Identifying intracellular Staphylococcus aureus in chronic rhinosinusitis: a direct comparison of techniques. <i>American Journal of Rhinology and Allergy</i> , <b>2012</b> , 26, 444-9                                                                        | 2.4  | 13 |
| 72 | Manuka honey sinus irrigations in recalcitrant chronic rhinosinusitis: phase 1 randomized, single-blinded, placebo-controlled trial. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 1470-1477                                           | 6.3  | 12 |
| 71 | Staphylococcus aureus biofilms induce apoptosis and expression of interferon- $\gamma$ interleukin-10, and interleukin-17A on human sinonasal explants. <i>American Journal of Rhinology and Allergy</i> , <b>2015</b> , 29, 23-8                               | 2.4  | 12 |
| 70 | A human nasal explant model to study Staphylococcus aureus biofilm in vitro. <i>International Forum of Allergy and Rhinology</i> , <b>2013</b> , 3, 556-62                                                                                                      | 6.3  | 11 |
| 69 | Topical Colloidal Silver for the Treatment of Recalcitrant Chronic Rhinosinusitis. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 720                                                                                                                      | 5.7  | 10 |
| 68 | Sub-Inhibitory Clindamycin and Azithromycin reduce Exoprotein Induced Toxicity, Inflammation, Barrier Disruption and Invasion. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,                                                                           | 5.1  | 10 |
| 67 | Gene expression differences in nitric oxide and reactive oxygen species regulation point to an altered innate immune response in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2013</b> , 3, 193-8                           | 6.3  | 10 |
| 66 | Proteomic analysis of nasal mucus samples of healthy patients and patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 168-178                                                                          | 11.5 | 10 |
| 65 | 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> , <b>2018</b> , 59, 500-510                                            | 5.7  | 10 |
| 64 | Increased IL-13 expression is independently associated with neo-osteogenesis in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 1444-1448.e11                                                      | 11.5 | 9  |
| 63 | 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> , <b>2019</b> , 80, e69                  | 1    | 9  |
| 62 | Deferiprone has anti-inflammatory properties and reduces fibroblast migration in vitro. <i>Scientific Reports</i> , <b>2019</b> , 9, 2378                                                                                                                       | 4.9  | 9  |
| 61 | Extent of maxillary sinus surgery and its effect on instrument access, irrigation penetration, and disease clearance. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 1097-1104                                                          | 6.3  | 9  |
| 60 | Staphylococcus aureus biofilm activates the nucleotide-binding oligomerization domain containing 2 (Nod2) pathway and proinflammatory factors on a human sinonasal explant model. <i>International Forum of Allergy and Rhinology</i> , <b>2013</b> , 3, 877-84 | 6.3  | 9  |
| 59 | Has Antimicrobial Activity against and Methicillin-Resistant Pathogens Isolated from the Sinonasal Niche of Chronic Rhinosinusitis Patients. <i>Pathogens</i> , <b>2021</b> , 10,                                                                               | 4.5  | 9  |

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| 58 | Microbiotyping the Sinonasal Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 137                                                                                                                   | 5.9  | 8 |
| 57 | Safety and Efficacy of Topical Chitogel- Deferiprone-Gallium Protoporphyrin in Sheep Model. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 917                                                                                        | 5.7  | 8 |
| 56 | Prevention of false positive binding during immunofluorescence of Staphylococcus aureus infected tissue biopsies. <i>Journal of Immunological Methods</i> , <b>2012</b> , 384, 111-7                                                       | 2.5  | 8 |
| 55 | Role of intracellular zinc in molecular and cellular function in allergic inflammatory diseases. <i>Allergology International</i> , <b>2021</b> , 70, 190-200                                                                              | 4.4  | 8 |
| 54 | Comparative Viral Sampling in the Sinonasal Passages; Different Viruses at Different Sites. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 334                                                                 | 5.9  | 8 |
| 53 | The presence of virus significantly associates with chronic rhinosinusitis disease severity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 1569-1572                                             | 9.3  | 7 |
| 52 | Chronic Rhinosinusitis with Polyps Is Characterized by Increased Mucosal and Blood Th17 Effector Cytokine Producing Cells. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 898                                                           | 4.6  | 7 |
| 51 | Safety evaluation of a sinus surfactant in an explant-based cytotoxicity assay. <i>Laryngoscope</i> , <b>2014</b> , 124, 369-72                                                                                                            | 3.6  | 7 |
| 50 | Staphylococcus aureus biofilm exoproteins are cytotoxic to human nasal epithelial barrier in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 871-883                                       | 6.3  | 6 |
| 49 | Association between mucosal barrier disruption by Pseudomonas aeruginosa exoproteins and asthma in patients with chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 3459-3469 | 9.3  | 6 |
| 48 | Barrier disruptive effects of mucus isolated from chronic rhinosinusitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 200-203                                                         | 9.3  | 6 |
| 47 | Tertiary lymphoid organs: A novel target in patients with chronic rhinosinusitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1673-1676                                                                         | 11.5 | 6 |
| 46 | Antibiotics Affect ROS Production and Fibroblast Migration in an Model of Sinonasal Wound Healing. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 110                                                         | 5.9  | 5 |
| 45 | Inhibition of and biofilms by quatsomes in low concentrations. <i>Experimental Biology and Medicine</i> , <b>2020</b> , 245, 34-41                                                                                                         | 3.7  | 5 |
| 44 | The Microbiome of the Nasolacrimal System and Its Role in Nasolacrimal Duct Obstruction. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , <b>2020</b> , 36, 80-85                                                                    | 1.4  | 5 |
| 43 | from patients with chronic rhinosinusitis show minimal genetic association between polyp and non-polyp phenotypes. <i>BMC Ear, Nose and Throat Disorders</i> , <b>2018</b> , 18, 16                                                        | 8    | 5 |
| 42 | Acoustic drug delivery to the maxillary sinus. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 606, 120927                                                                                                                   | 6.5  | 5 |
| 41 | Naïve and effector B-cell subtypes are increased in chronic rhinosinusitis with polyps. <i>American Journal of Rhinology and Allergy</i> , <b>2018</b> , 32, 3-6                                                                           | 2.4  | 4 |



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| 40 | Role of crushed skeletal muscle extract in hemostasis. <i>International Forum of Allergy and Rhinology</i> , <b>2015</b> , 5, 431-4                                                                               | 6.3  | 4 |
| 39 | Fluticasone Propionate Suppresses Poly(I:C)-Induced ACE2 in Primary Human Nasal Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 655666                              | 5.9  | 4 |
| 38 | Innate lymphoid type 2 cells in chronic rhinosinusitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2016</b> , 16, 7-12                                                                        | 3.3  | 4 |
| 37 | Effect of commercial nasal steroid preparation on bacterial growth. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 766-775                                                                | 6.3  | 4 |
| 36 | Discordant frequencies of tissue-resident and circulating CD180-negative B cells in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 609-614                        | 6.3  | 3 |
| 35 | Kappa-carrageenan sinus rinses reduce inflammation and intracellular Staphylococcus aureus infection in airway epithelial cells. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 918-925   | 6.3  | 3 |
| 34 | A Novel Rat Model to Test Intra-Abdominal Anti-adhesive Therapy. <i>Frontiers in Surgery</i> , <b>2020</b> , 7, 12                                                                                                | 2.3  | 3 |
| 33 | Colloidal silver combating pathogenic Pseudomonas aeruginosa and MRSA in chronic rhinosinusitis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 202, 111675                                        | 6    | 3 |
| 32 | In vitro characteristics of an airway barrier-disrupting factor secreted by Staphylococcus aureus. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 187-196                                 | 6.3  | 3 |
| 31 | Preclinical Development of a Bacteriophage Cocktail for Treating Multidrug Resistant Infections. <i>Microorganisms</i> , <b>2021</b> , 9,                                                                         | 4.9  | 3 |
| 30 | Staphylococcus aureus small colony variants: Prevalence in chronic rhinosinusitis and induction by antibiotics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 73, 2403-2405 | 9.3  | 2 |
| 29 | Prophages encoding human immune evasion cluster genes are enriched in isolated from chronic rhinosinusitis patients with nasal polyps.. <i>Microbial Genomics</i> , <b>2021</b> , 7,                              | 4.4  | 2 |
| 28 | The international sinonasal microbiome study (ISMS): a multi-centre, multi-national collaboration characterising the microbial ecology of the sinonasal cavity                                                    |      | 2 |
| 27 | Cytokine-Induced Modulation of SARS-CoV2 Receptor Expression in Primary Human Nasal Epithelial Cells. <i>Pathogens</i> , <b>2021</b> , 10,                                                                        | 4.5  | 2 |
| 26 | Converging 2D Nanomaterials and 3D Bioprinting Technology: State-of-the-Art, Challenges, and Potential Outlook in Biomedical Applications. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2101439      | 10.1 | 2 |
| 25 | Comparative antibacterial activity of 2D materials coated on porous-titania. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 6412-6424                                                                 | 7.3  | 2 |
| 24 | 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> , <b>2020</b> , 72, 378-385             | 2.2  | 1 |
| 23 | Prophage: a crucial catalyst in infectious disease modulation.. <i>Lancet Microbe, The</i> , <b>2022</b> , 3, e162-e163                                                                                           | 22.2 | 1 |

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| 22 | Effect of breathing profiles on nebuliser drug delivery targeting the paranasal sinuses in a post-operative nasal cavity. <i>Journal of Aerosol Science</i> , <b>2022</b> , 161, 105913                                                      | 4.3  | 1 |
| 21 | Trimellitic anhydride facilitates transepithelial permeability disrupting tight junctions in sinonasal epithelial cells. <i>Toxicology Letters</i> , <b>2021</b> , 353, 27-33                                                                | 4.4  | 1 |
| 20 | Microbiotyping the sinonasal microbiome                                                                                                                                                                                                      |      | 1 |
| 19 | Overcoming bacteriophage insensitivity in <i>Staphylococcus aureus</i> using clindamycin and azithromycin at subinhibitory concentrations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 3446-3458 | 9.3  | 1 |
| 18 | Prevention of adhesions post-abdominal surgery: Assessing the safety and efficacy of Chitogel with Deferiprone in a rat model. <i>PLoS ONE</i> , <b>2021</b> , 16, e0244503                                                                  | 3.7  | 1 |
| 17 | Metallothionein-3 is a clinical biomarker for tissue zinc levels in nasal mucosa. <i>Auris Nasus Larynx</i> , <b>2021</b> , 48, 890-897                                                                                                      | 2.2  | 1 |
| 16 | APTC-C-SA01: A Novel Bacteriophage Cocktail Targeting <i>Staphylococcus aureus</i> and MRSA Biofilms. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6116                                                            | 6.3  | 1 |
| 15 | Spontaneous Regression of Swollen Submandibular Glands in IgG4-Related Disease.. <i>Allergy and Rhinology</i> , <b>2019</b> , 10, 2152656718816738                                                                                           | 1.4  | 0 |
| 14 | TLR Signals in Epithelial Cells in the Nasal Cavity and Paranasal Sinuses.. <i>Frontiers in Allergy</i> , <b>2021</b> , 2, 780425                                                                                                            | 4.25 | 0 |
| 13 | Green synthesized colloidal silver is devoid of toxic effects on primary human nasal epithelial cells in vitro. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 157, 112606                                                              | 4.7  | 0 |
| 12 | The potential of chitosan-based haemostats for use in neurosurgical setting - Literature review. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 94, 128-134                                                                         | 2.2  | 0 |
| 11 | Tertiary Lymphoid Organs: A Primer for Otolaryngologists. <i>Laryngoscope</i> , <b>2021</b> , 131, 1697-1703                                                                                                                                 | 3.6  | 0 |
| 10 | 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> , <b>2021</b> , 11, 810-813     | 6.3  | 0 |
| 9  | 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> , <b>2021</b> , 2, 692049                                                               | 0    | 0 |
| 8  | Genomic characterization of three bacteriophages targeting multidrug resistant clinical isolates of <i>Escherichia</i> , <i>Klebsiella</i> and <i>Salmonella</i> .. <i>Archives of Microbiology</i> , <b>2022</b> , 204, 334                 | 3    | 0 |
| 7  | Nano-hemostats and a Pilot Study of Their Use in a Large Animal Model of Major Vessel Hemorrhage in Endoscopic Skull Base Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , <b>2017</b> , 78, 215-221                    | 1.5  |   |
| 6  | Association between viral infection and increased mucosal eosinophils and CD8 CD103 T cells in chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2020</b> , 10, 978-980                                       | 6.3  |   |
| 5  | In vitro and in vivo evaluation of probiotic properties of <i>Corynebacterium accolens</i> isolated from the human nasal cavity. <i>Microbiological Research</i> , <b>2021</b> , 255, 126927                                                 | 5.3  |   |



- 4 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
- 3 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
- 2 In Vitro safety and anti-bacterial efficacy assessment of Acriflavine.. *Allergy: European Journal of Allergy and Clinical Immunology*, **2022**, 9.3
- 1 Efficacy and Safety of Novel Beta-Chitin Patches as Haemostat in Rat Vascular and Neurosurgical Model.. *Frontiers in Surgery*, **2022**, 9, 830364 2.3