

Johan Bylund

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,510
citations

201674

27
h-index

223800

46
g-index

63
all docs

63
docs citations

63
times ranked

3815
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The neutrophil subset defined by CD177 expression is preferentially recruited to gingival crevicular fluid in periodontitis. <i>Journal of Leukocyte Biology</i> , 2021, 109, 349-362. | 3.3 | 19 |
| 2 | The secretion of cytokines by peripheral blood mononuclear cells of patients with periodontitis and healthy controls when exposed to H ₂ S. <i>Journal of Oral Microbiology</i> , 2021, 13, 1957368. | 2.7 | 1 |
| 3 | Hyper-truncated Asn355- and Asn391-glycans modulate the activity of neutrophil granule myeloperoxidase. <i>Journal of Biological Chemistry</i> , 2021, 296, 100144. | 3.4 | 31 |
| 4 | Systemic Galectin-3 in Smokers with Chronic Obstructive Pulmonary Disease and Chronic Bronchitis: The Impact of Exacerbations. <i>International Journal of COPD</i> , 2021, Volume 16, 367-377. | 2.3 | 4 |
| 5 | Activated low-density granulocytes in peripheral and intervillous blood and neutrophil inflammation in placentas from SLE pregnancies. <i>Lupus Science and Medicine</i> , 2021, 8, e000463. | 2.7 | 8 |
| 6 | Short chain fatty acids released by <i>Fusobacterium nucleatum</i> are neutrophil chemoattractants acting via free fatty acid receptor 2 (FFAR2). <i>Cellular Microbiology</i> , 2021, 23, e13348. | 2.1 | 29 |
| 7 | A rare CTSC mutation in Papillon-Lefèvre Syndrome results in abolished serine protease activity and reduced NET formation but otherwise normal neutrophil function. <i>PLoS ONE</i> , 2021, 16, e0261724. | 2.5 | 4 |
| 8 | Glycan analysis of human neutrophil granules implicates a maturation-dependent glycosylation machinery. <i>Journal of Biological Chemistry</i> , 2020, 295, 12648-12660. | 3.4 | 22 |
| 9 | Increased CD11b and Decreased CD62L in Blood and Airway Neutrophils from Long-Term Smokers with and without COPD. <i>Journal of Innate Immunity</i> , 2020, 12, 480-489. | 3.8 | 16 |
| 10 | Reply to Julia Volkmann and Sibylle von Vietinghoff. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1709-1710. | 3.3 | 0 |
| 11 | In Vivo Transmigrated Human Neutrophils Are Highly Primed for Intracellular Radical Production Induced by Monosodium Urate Crystals. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3750. | 4.1 | 11 |
| 12 | <i>Porphyromonas gingivalis</i> Produce Neutrophil Specific Chemoattractants Including Short Chain Fatty Acids. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 620681. | 3.9 | 13 |
| 13 | Measurement of Respiratory Burst Products, Released or Retained, During Activation of Professional Phagocytes. <i>Methods in Molecular Biology</i> , 2020, 2087, 301-324. | 0.9 | 31 |
| 14 | Reduced sialyl-Lewis ^x on salivary MUC7 from patients with burning mouth syndrome. <i>Molecular Omics</i> , 2019, 15, 331-339. | 2.8 | 10 |
| 15 | Importance of Virulence Factors for the Persistence of Oral Bacteria in the Inflamed Gingival Crevice and in the Pathogenesis of Periodontal Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1339. | 2.4 | 93 |
| 16 | Functional characteristics of circulating granulocytes in severe congenital neutropenia caused by ELANE mutations. <i>BMC Pediatrics</i> , 2019, 19, 189. | 1.7 | 7 |
| 17 | Intracellular Neutrophil Oxidants: From Laboratory Curiosity to Clinical Reality. <i>Journal of Immunology</i> , 2019, 202, 3127-3134. | 0.8 | 66 |
| 18 | Neutrophil recruitment to inflamed joints can occur without cellular priming. <i>Journal of Leukocyte Biology</i> , 2019, 105, 1123-1130. | 3.3 | 15 |

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|----|---|-----|-----------|
| 19 | Galectin-3 enhances monocyte-derived macrophage efferocytosis of apoptotic granulocytes in asthma. <i>Respiratory Research</i> , 2019, 20, 1. | 3.6 | 104 |
| 20 | Determination of Subset-Restricted Anti-neutrophil Cytoplasmic Antibodies (ANCA) by Immunofluorescence Cytochemistry. <i>Methods in Molecular Biology</i> , 2019, 1901, 63-77. | 0.9 | 11 |
| 21 | DPI Selectively Inhibits Intracellular NADPH Oxidase Activity in Human Neutrophils. <i>ImmunoHorizons</i> , 2019, 3, 488-497. | 1.8 | 21 |
| 22 | Galectin-3 type-C self-association on neutrophil surfaces; The carbohydrate recognition domain regulates cell function. <i>Journal of Leukocyte Biology</i> , 2018, 103, 341-353. | 3.3 | 29 |
| 23 | The Role of Formyl Peptide Receptors for Immunomodulatory Activities of Antimicrobial Peptides and Peptidomimetics. <i>Current Pharmaceutical Design</i> , 2018, 24, 1100-1120. | 1.9 | 19 |
| 24 | Galectin-3 Is a Target for Proteases Involved in the Virulence of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2017, 85, . | 2.2 | 23 |
| 25 | Phenol-Soluble Modulin $\hat{\pm}$ Peptide Toxins from Aggressive <i>Staphylococcus aureus</i> Induce Rapid Formation of Neutrophil Extracellular Traps through a Reactive Oxygen Species-Independent Pathway. <i>Frontiers in Immunology</i> , 2017, 8, 257. | 4.8 | 66 |
| 26 | Elevated Mitochondrial Reactive Oxygen Species and Cellular Redox Imbalance in Human NADPH-Oxidase-Deficient Phagocytes. <i>Frontiers in Immunology</i> , 2017, 8, 1828. | 4.8 | 44 |
| 27 | Formyl peptide derived lipopeptides disclose differences between the receptors in mouse and men and call the pepducin concept in question. <i>PLoS ONE</i> , 2017, 12, e0185132. | 2.5 | 8 |
| 28 | The Neutrophil Response Induced by an Agonist for Free Fatty Acid Receptor 2 (GPR43) Is Primed by Tumor Necrosis Factor Alpha and by Receptor Uncoupling from the Cytoskeleton but Attenuated by Tissue Recruitment. <i>Molecular and Cellular Biology</i> , 2016, 36, 2583-2595. | 2.3 | 36 |
| 29 | Neutrophils from patients with SAPHO syndrome show no signs of aberrant NADPH oxidase-dependent production of intracellular reactive oxygen species. <i>Rheumatology</i> , 2016, 55, 1489-1498. | 1.9 | 7 |
| 30 | Quantification of heterotypic granule fusion in human neutrophils by imaging flow cytometry. <i>Data in Brief</i> , 2016, 6, 386-393. | 1.0 | 17 |
| 31 | A pepducin designed to modulate P2Y ₂ R function interacts with FPR2 in human neutrophils and transfers ATP to an NADPH-oxidase-activating ligand through a receptor cross-talk mechanism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1228-1237. | 4.1 | 17 |
| 32 | Staphylokinase Control of <i>Staphylococcus aureus</i> Biofilm Formation and Detachment Through Host Plasminogen Activation. <i>Journal of Infectious Diseases</i> , 2016, 213, 139-148. | 4.0 | 61 |
| 33 | Neutrophil NET formation is regulated from the inside by myeloperoxidase-processed reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1024-1035. | 2.9 | 144 |
| 34 | TLR-Stimulated Neutrophils Instruct NK Cells To Trigger Dendritic Cell Maturation and Promote Adaptive T Cell Responses. <i>Journal of Immunology</i> , 2015, 195, 1121-1128. | 0.8 | 48 |
| 35 | P2Y ₂ receptor signaling in neutrophils is regulated from inside by a novel cytoskeleton-dependent mechanism. <i>Experimental Cell Research</i> , 2015, 336, 242-252. | 2.6 | 31 |
| 36 | Phagocyte interactions with <i>Mycobacterium tuberculosis</i> – Simultaneous analysis of phagocytosis, phagosome maturation and intracellular replication by imaging flow cytometry. <i>Journal of Immunological Methods</i> , 2015, 427, 73-84. | 1.4 | 42 |

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|----|---|-----|-----------|
| 37 | CTLA4 Immunoglobulin but Not Anti- α Tumor Necrosis Factor Therapy Promotes Staphylococcal Septic Arthritis in Mice. <i>Journal of Infectious Diseases</i> , 2015, 212, 1308-1316. | 4.0 | 32 |
| 38 | CFP-10 from <i>Mycobacterium tuberculosis</i> Selectively Activates Human Neutrophils through a Pertussis Toxin-Sensitive Chemotactic Receptor. <i>Infection and Immunity</i> , 2015, 83, 205-213. | 2.2 | 36 |
| 39 | Olfactomedin-4 autoantibodies give unusual c-ANCA staining patterns with reactivity to a subpopulation of neutrophils. <i>Journal of Leukocyte Biology</i> , 2015, 97, 181-189. | 3.3 | 19 |
| 40 | A Pepducin Derived from the Third Intracellular Loop of FPR2 Is a Partial Agonist for Direct Activation of This Receptor in Neutrophils But a Full Agonist for Cross-Talk Triggered Reactivation of FPR2. <i>PLoS ONE</i> , 2014, 9, e109516. | 2.5 | 27 |
| 41 | A novel receptor cross-talk between the ATP receptor P2Y2 and formyl peptide receptors reactivates desensitized neutrophils to produce superoxide. <i>Experimental Cell Research</i> , 2014, 323, 209-217. | 2.6 | 46 |
| 42 | Measurement of Respiratory Burst Products, Released or Retained, During Activation of Professional Phagocytes. <i>Methods in Molecular Biology</i> , 2014, 1124, 321-338. | 0.9 | 86 |
| 43 | Inhibition of phospholipase A2 abrogates intracellular processing of NADPH-oxidase derived reactive oxygen species in human neutrophils. <i>Experimental Cell Research</i> , 2013, 319, 761-774. | 2.6 | 22 |
| 44 | Increased Intracellular Oxygen Radical Production in Neutrophils During Febrile Episodes of Periodic Fever, Aphthous Stomatitis, Pharyngitis, and Cervical Adenitis Syndrome. <i>Arthritis and Rheumatism</i> , 2013, 65, 2971-2983. | 6.7 | 37 |
| 45 | A simple skin blister technique for the study of in vivo transmigration of human leukocytes. <i>Journal of Immunological Methods</i> , 2013, 393, 8-17. | 1.4 | 19 |
| 46 | Regulation of Neutrophil Apoptosis Differs after in vivo Transmigration to Skin Chambers and Synovial Fluid: A Role for Inflammasome-Dependent Interleukin-1 β Release. <i>Journal of Innate Immunity</i> , 2013, 5, 377-388. | 3.8 | 20 |
| 47 | Midkine Is Expressed and Differentially Processed during Chronic Obstructive Pulmonary Disease Exacerbations and Ventilator-Associated Pneumonia Associated with <i>Staphylococcus aureus</i> Infection. <i>Molecular Medicine</i> , 2013, 19, 314-323. | 4.4 | 7 |
| 48 | Lectins Offer New Perspectives in the Development of Macrophage-Targeted Therapies for COPD/Emphysema. <i>PLoS ONE</i> , 2013, 8, e56147. | 2.5 | 29 |
| 49 | The Human Neutrophil Subsets Defined by the Presence or Absence of OLFM4 Both Transmigrate into Tissue In Vivo and Give Rise to Distinct NETs In Vitro. <i>PLoS ONE</i> , 2013, 8, e69575. | 2.5 | 90 |
| 50 | Analyzing Cell Death Events in Cultured Leukocytes. <i>Methods in Molecular Biology</i> , 2012, 844, 65-86. | 0.9 | 20 |
| 51 | Intracellular generation of superoxide by the phagocyte NADPH oxidase: How, where, and what for?. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1834-1845. | 2.9 | 170 |
| 52 | ROS-deficient monocytes have aberrant gene expression that correlates with inflammatory disorders of chronic granulomatous disease. <i>Clinical Immunology</i> , 2008, 129, 90-102. | 3.2 | 86 |
| 53 | Galectin-3 functions as an opsonin and enhances the macrophage clearance of apoptotic neutrophils. <i>Glycobiology</i> , 2008, 19, 16-20. | 2.5 | 127 |
| 54 | Enhanced inflammatory responses of chronic granulomatous disease leukocytes involve ROS-independent activation of NF- κ B. <i>European Journal of Immunology</i> , 2007, 37, 1087-1096. | 2.9 | 95 |

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|----|---|-----|-----------|
| 55 | Exopolysaccharides from <i>Burkholderia cenocepacia</i> Inhibit Neutrophil Chemotaxis and Scavenge Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2006, 281, 2526-2532. | 3.4 | 135 |
| 56 | Chronic Granulomatous Disease: From Genetic Defect to Clinical Presentation. , 2005, 568, 67-87. | | 38 |
| 57 | <i>Burkholderia cenocepacia</i> Induces Neutrophil Necrosis in Chronic Granulomatous Disease. <i>Journal of Immunology</i> , 2005, 174, 3562-3569. | 0.8 | 51 |
| 58 | Cytochalasin B triggers a novel pertussis toxin sensitive pathway in TNF-alpha primed neutrophils. <i>BMC Cell Biology</i> , 2004, 5, 21. | 3.0 | 32 |
| 59 | NADPH-oxidase activation in murine neutrophils via formyl peptide receptors. <i>Experimental Cell Research</i> , 2003, 282, 70-77. | 2.6 | 52 |
| 60 | Reactivation of Formyl Peptide Receptors Triggers the Neutrophil NADPH-oxidase but Not a Transient Rise in Intracellular Calcium. <i>Journal of Biological Chemistry</i> , 2003, 278, 30578-30586. | 3.4 | 50 |
| 61 | Lipopolysaccharide-Induced Granule Mobilization and Priming of the Neutrophil Response to <i>Helicobacter pylori</i> Peptide Hp(2-20), Which Activates Formyl Peptide Receptor-Like 1. <i>Infection and Immunity</i> , 2002, 70, 2908-2914. | 2.2 | 67 |
| 62 | Immunostimulatory DNA induces degranulation and NADPH-oxidase activation in human neutrophils while concomitantly inhibiting chemotaxis and phagocytosis. <i>European Journal of Immunology</i> , 2002, 32, 2847-2856. | 2.9 | 9 |