

# Onno J De Boer

## List of Publications by Year in descending order

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97  
papers

4,644  
citations

168829

31  
h-index

124990

64  
g-index

98  
all docs

98  
docs citations

98  
times ranked

8806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bruton's Tyrosine Kinase in Neutrophils Is Crucial for Host Defense against <i>Klebsiella pneumoniae</i> . <i>Journal of Innate Immunity</i> , 2023, 15, 1-15.	1.8	1
2	Tumor immune landscape patterns before and after chemoradiation in resectable esophageal adenocarcinomas. <i>Journal of Pathology</i> , 2022, 256, 282-296.	2.1	11
3	Bruton's Tyrosine Kinase-Mediated Signaling in Myeloid Cells Is Required for Protective Innate Immunity During Pneumococcal Pneumonia. <i>Frontiers in Immunology</i> , 2021, 12, 723967.	2.2	5
4	Artificial Intelligence-Based Segmentation of Residual Tumor in Histopathology of Pancreatic Cancer after Neoadjuvant Treatment. <i>Cancers</i> , 2021, 13, 5089.	1.7	12
5	Machine learning for grading and prognosis of esophageal dysplasia using mass spectrometry and histological imaging. <i>Computers in Biology and Medicine</i> , 2021, 138, 104918.	3.9	12
6	Epicardial and endothelial cell activation concurs with extracellular matrix remodeling in atrial fibrillation. <i>Clinical and Translational Medicine</i> , 2021, 11, e558.	1.7	11
7	A literature review of microvascular proliferation in arteriovenous malformations of skin and soft tissue. <i>Journal of Clinical and Translational Research</i> , 2021, 7, 540-557.	0.3	0
8	Prekallikrein inhibits innate immune signaling in the lung and impairs host defense during pneumosepsis in mice. <i>Journal of Pathology</i> , 2020, 250, 95-106.	2.1	10
9	Fibrotic aortic valve disease after radiotherapy: an immunohistochemical study in breast cancer and lymphoma patients. <i>Cardiovascular Pathology</i> , 2020, 45, 107176.	0.7	13
10	Etosis, rather than apoptosis or cell proliferation, typifies thrombus progression – An immunohistochemical study of coronary aspirates. <i>IJC Heart and Vasculature</i> , 2020, 26, 100439.	0.6	3
11	Comparison of Two Different Immunohistochemical Quadruple Staining Approaches to Identify Innate Lymphoid Cells in Formalin-fixed Paraffin-embedded Human Tissue. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 127-138.	1.3	5
12	Authors' Response to Letter to the Editor on "Unidentified Variables May Account for Variability in Multiplexing Results". <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 355-356.	1.3	0
13	Genetic variants in SUSD2 are associated with the risk of ischemic heart disease. <i>Journal of Clinical Lipidology</i> , 2020, 14, 470-481.	0.6	4
14	Macrophage-secreted MMP9 induces mesenchymal transition in pancreatic cancer cells via PAR1 activation. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 1161-1174.	2.1	40
15	Automated Detection and Grading of Non-Muscle-Invasive Urothelial Cell Carcinoma of the Bladder. <i>American Journal of Pathology</i> , 2020, 190, 1483-1490.	1.9	34
16	Pathological validation and prognostic potential of quantitative MRI in the characterization of pancreas cancer: preliminary experience. <i>Molecular Oncology</i> , 2020, 14, 2176-2189.	2.1	23
17	Deep learning for automatic Gleason pattern classification for grade group determination of prostate biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 77-83.	1.4	94
18	Platelet Btk is Required for Maintaining Lung Vascular Integrity during Murine Pneumococcal Pneumosepsis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 930-940.	1.8	6

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19	Three-dimensional histopathological reconstruction of bladder tumours. <i>Diagnostic Pathology</i> , 2019, 14, 25.	0.9	18
20	The role of Mannose Binding Lectin in the immune response against <i>Borrelia burgdorferi sensu lato</i> . <i>Scientific Reports</i> , 2019, 9, 1431.	1.6	21
21	Btk inhibitor ibrutinib reduces inflammatory myeloid cell responses in the lung during murine pneumococcal pneumonia. <i>Molecular Medicine</i> , 2019, 25, 3.	1.9	53
22	Platelet-Dense Granules Worsen Pre-Infection Thrombocytopenia during Gram-Negative Pneumonia-Derived Sepsis. <i>Journal of Innate Immunity</i> , 2019, 11, 168-180.	1.8	7
23	Extracellular traps derived from macrophages, mast cells, eosinophils and neutrophils are generated in a timeâ€dependent manner during atherothrombosis. <i>Journal of Pathology</i> , 2019, 247, 505-512.	2.1	109
24	Neutrophil Extracellular Traps Participate in All Different Types of Thrombotic and Haemorrhagic Complications of Coronary Atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1078-1087.	1.8	87
25	Combining streptozotocin and unilateral nephrectomy is an effective method for inducing experimental diabetic nephropathy in the â€resistantâ€™ C57Bl/6J mouse strain. <i>Scientific Reports</i> , 2018, 8, 5542.	1.6	41
26	Immunophenotypic analysis of the chronological events of tissue repair in aortic medial dissections. <i>Cardiovascular Pathology</i> , 2018, 34, 9-14.	0.7	8
27	The change in circulating galectin-3 predicts absence of atrial fibrillation after thoracoscopic surgical ablation. <i>Europace</i> , 2018, 20, 764-771.	0.7	17
28	ASC and NLRP3 impair host defense during lethal pneumonia caused by serotype 3 <i>Streptococcus pneumoniae</i> in mice. <i>European Journal of Immunology</i> , 2018, 48, 66-79.	1.6	25
29	Platelet glycoprotein VI aids in local immunity during pneumonia-derived sepsis caused by gram-negative bacteria. <i>Blood</i> , 2018, 131, 864-876.	0.6	66
30	Role of Peptidylarginine Deiminase 4 in Neutrophil Extracellular Trap Formation and Host Defense during <i>Klebsiella pneumoniae</i> -Induced Pneumonia-Derived Sepsis. <i>Journal of Immunology</i> , 2018, 201, 1241-1252.	0.4	96
31	Composition of the cellular infiltrate in patients with simple and complex appendicitis. <i>Journal of Surgical Research</i> , 2017, 214, 190-196.	0.8	13
32	Coagulation factor XI improves host defence during murine pneumonia-derived sepsis independent of factor XII activation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1601-1614.	1.8	40
33	Therapeutic Administration of a Monoclonal Anti-IL-1 <sup>2</sup> Antibody Protects Against Experimental Melioidosis. <i>Shock</i> , 2016, 46, 566-574.	1.0	11
34	Predominant Tubular Interleukin-18 Expression in Polyomavirus-Associated Nephropathy. <i>Transplantation</i> , 2016, 100, e88-e95.	0.5	16
35	Neutrophil extracellular traps cause airway obstruction during respiratory syncytial virus disease. <i>Journal of Pathology</i> , 2016, 238, 401-411.	2.1	182
36	Lung epithelial MyD88 drives early pulmonary clearance of <i>Pseudomonas aeruginosa</i> by a flagellin dependent mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L219-L228.	1.3	30

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37	Time dependent apoptotic rates in the evolving coronary thrombus mass of myocardial infarction patients. <i>Thrombosis Research</i> , 2016, 145, 12-17.	0.8	5
38	Reduced acute myocardial ischemiaâ€“reperfusion injury in IL-6-deficient mice employing a closed-chest model. <i>Inflammation Research</i> , 2016, 65, 489-499.	1.6	52
39	Atherosclerosis in the circle of Willis: Spatial differences in composition and in distribution of plaques. <i>Atherosclerosis</i> , 2016, 251, 78-84.	0.4	33
40	Intragraft Blood Dendritic Cell Antigen-1â€“Positive Myeloid Dendritic Cells Increase during BK Polyomavirusâ€“Associated Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2502-2510.	3.0	10
41	Unique Renal Manifestation of Type I Cryoglobulinemia, With Massive Crystalloid Deposits in Glomerular Histiocytes, Podocytes, and Endothelial Cells. <i>American Journal of Clinical Pathology</i> , 2016, 145, 282-285.	0.4	3
42	Granulocytes in coronary thrombus evolution after myocardial infarction â€” time-dependent changes in expression of matrix metalloproteinases. <i>Cardiovascular Pathology</i> , 2016, 25, 40-46.	0.7	18
43	Nuclear smears observed in H&E-stained thrombus sections are neutrophil extracellular traps. <i>Journal of Clinical Pathology</i> , 2016, 69, 181-182.	1.0	18
44	The Polysaccharide Capsule of <i>Streptococcus pneumoniae</i> Partially Impedes MyD88-Mediated Immunity during Pneumonia in Mice. <i>PLoS ONE</i> , 2015, 10, e0118181.	1.1	25
45	Myeloid-related protein-14 deficiency promotes inflammation in staphylococcal pneumonia. <i>European Respiratory Journal</i> , 2015, 46, 464-473.	3.1	26
46	The thrombomodulin lectin-like domain does not change host responses to tuberculosis. <i>Thrombosis and Haemostasis</i> , 2014, 111, 345-353.	1.8	1
47	Protease Activated Receptor-1 Deficiency Diminishes Bleomycin-Induced Skin Fibrosis. <i>Molecular Medicine</i> , 2014, 20, 410-416.	1.9	18
48	Overexpression of activated protein C hampers bacterial dissemination during pneumococcal pneumonia. <i>BMC Infectious Diseases</i> , 2014, 14, 559.	1.3	9
49	A Thrombomodulin Mutation that Impairs Active Protein C Generation Is Detrimental in Severe Pneumonia-Derived Gram-Negative Sepsis (Melioidosis). <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2819.	1.3	8
50	Single Immunoglobulin Interleukin-1 Receptor-Related Molecule Impairs Host Defense during Pneumonia and Sepsis Caused by <i>Streptococcus pneumoniae</i> . <i>Journal of Innate Immunity</i> , 2014, 6, 542-552.	1.8	19
51	Total burden of intraplaque hemorrhage in coronary arteries relates to the use of coumarin-type anticoagulants but not platelet aggregation inhibitors. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 465, 723-729.	1.4	18
52	Coronary cardiac allograft vasculopathy versus native atherosclerosis: difficulties in classification. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 464, 627-635.	1.4	25
53	Mast Cells Impair Host Defense During Murine <i>Streptococcus pneumoniae</i> Pneumonia. <i>Journal of Infectious Diseases</i> , 2014, 210, 1376-1384.	1.9	17
54	Accurate Quantitation of Ki67-positive Proliferating Hepatocytes in Rabbit Liver by a Multicolor Immunohistochemical (IHC) Approach Analyzed with Automated Tissue and Cell Segmentation Software. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 11-18.	1.3	19

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55	Neutrophils, neutrophil extracellular traps and interleukin-17 associate with the organisation of thrombi in acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2013, 109, 290-297.	1.8	205
56	Poor-prognosis colon cancer is defined by a molecularly distinct subtype and develops from serrated precursor lesions. <i>Nature Medicine</i> , 2013, 19, 614-618.	15.2	656
57	Lipopolysaccharide Inhibits Th2 Lung Inflammation Induced by House Dust Mite Allergens in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 382-389.	1.4	66
58	Microvascular proliferations in arteriovenous malformations relate to high-flow characteristics, inflammation, and previous therapeutic embolization of the lesion. <i>Journal of the American Academy of Dermatology</i> , 2013, 68, 638-646.	0.6	11
59	Overexpression of Activated Protein C is Detrimental During Severe Experimental Gram-Negative Sepsis (Melioidosis)*. <i>Critical Care Medicine</i> , 2013, 41, e266-e274.	0.4	8
60	Protease activated receptor 4 limits bacterial growth and lung pathology during late stage <i>Streptococcus pneumoniae</i> induced pneumonia in mice. <i>Thrombosis and Haemostasis</i> , 2013, 110, 582-592.	1.8	27
61	Limited Anti-Inflammatory Role for Interleukin-1 Receptor Like 1 (ST2) in the Host Response to Murine Postinfluenza Pneumococcal Pneumonia. <i>PLoS ONE</i> , 2013, 8, e58191.	1.1	10
62	Good interobserver and intraobserver agreement in the evaluation of the new ILAE classification of focal cortical dysplasias. <i>Epilepsia</i> , 2012, 53, 1341-1348.	2.6	63
63	The role of TLR2 in the host response to pneumococcal pneumonia in absence of the spleen. <i>BMC Infectious Diseases</i> , 2012, 12, 139.	1.3	13
64	Microvascular endoglin (CD105) expression correlates with tissue markers for atherosclerotic plaque vulnerability in an ageing population with multivessel coronary artery disease. <i>Histopathology</i> , 2012, 61, 88-97.	1.6	15
65	Proliferation and maturation of microvessels in arteriovenous malformations – expression patterns of angiogenic and cell cycle-dependent factors. <i>Journal of Cutaneous Pathology</i> , 2012, 39, 610-620.	0.7	14
66	Enhanced vulnerability for <i>Streptococcus pneumoniae</i> sepsis during asplenia is determined by the bacterial capsule. <i>Immunobiology</i> , 2011, 216, 863-870.	0.8	31
67	A pattern of disperse plaque microcalcifications identifies a subset of plaques with high inflammatory burden in patients with acute myocardial infarction. <i>Atherosclerosis</i> , 2011, 218, 83-89.	0.4	12
68	Spatial Differences in the Presence of FOXP3+ and GranzymeB+ T Cells between the Intra- and Extravascular Compartments in Renal Allograft Vasculopathy. <i>PLoS ONE</i> , 2011, 6, e18656.	1.1	0
69	Smooth muscle homeostasis in human atherosclerotic plaques through interleukin 15 signalling. <i>International Journal of Clinical and Experimental Pathology</i> , 2011, 4, 287-94.	0.5	4
70	Differential expression of interleukin-17 family cytokines in intact and complicated human atherosclerotic plaques. <i>Journal of Pathology</i> , 2010, 220, 499-508.	2.1	170
71	Research update for articles published in <i>EJCI</i> in 2008. <i>European Journal of Clinical Investigation</i> , 2010, 40, 770-789.	1.7	1
72	Anti-human Vascular Endothelial Growth Factor (VEGF) Antibody Selection for Immunohistochemical Staining of Proliferating Blood Vessels. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 109-118.	1.3	22

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73	Overrepresentation of IL-17A and IL-22 Producing CD8 T Cells in Lesional Skin Suggests Their Involvement in the Pathogenesis of Psoriasis. <i>PLoS ONE</i> , 2010, 5, e14108.	1.1	274
74	FOXP3+ regulatory T cells in vulnerable atherosclerotic plaques. <i>International Journal of Cardiology</i> , 2010, 145, 161.	0.8	8
75	Mycophenolate mofetil attenuates plaque inflammation in patients with symptomatic carotid artery stenosis. <i>Atherosclerosis</i> , 2010, 211, 231-236.	0.4	64
76	Presence of a distinct neural component in congenital vascular malformations relates to the histological type and location of the lesion. <i>Human Pathology</i> , 2009, 40, 1467-1473.	1.1	17
77	Comparison of In Vivo Carotid 3.0-T Magnetic Resonance to B-Mode Ultrasound Imaging and Histology in a Porcine Model. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 744-750.	2.3	8
78	Selective Expansion of Influenza A Virus-Specific T Cells in Symptomatic Human Carotid Artery Atherosclerotic Plaques. <i>Stroke</i> , 2008, 39, 174-179.	1.0	29
79	Platelet-Activating Factor Receptor Contributes to Host Defense against <i>Pseudomonas aeruginosa</i> Pneumonia but Is Not Essential for the Accompanying Inflammatory and Procoagulant Response. <i>Journal of Immunology</i> , 2008, 180, 3357-3365.	0.4	16
80	Cyclosporin A Induces Peritoneal Fibrosis and Angiogenesis during Chronic Peritoneal Exposure to a Glucose-Based, Lactate-Buffered Dialysis Solution in the Rat. <i>Blood Purification</i> , 2007, 25, 466-472.	0.9	57
81	Immunohistochemical Analysis of Regulatory T Cell Markers FOXP3 and GITR on CD4+CD25+ T Cells in Normal Skin and Inflammatory Dermatoses. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 891-898.	1.3	85
82	Low Numbers of FOXP3 Positive Regulatory T Cells Are Present in all Developmental Stages of Human Atherosclerotic Lesions. <i>PLoS ONE</i> , 2007, 2, e779.	1.1	197
83	Epstein Barr virus specific T-cells generated from unstable human atherosclerotic lesions: Implications for plaque inflammation. <i>Atherosclerosis</i> , 2006, 184, 322-329.	0.4	17
84	Tissue Factor Expression in the Morphologic Spectrum of Vulnerable Atherosclerotic Plaques. <i>Seminars in Thrombosis and Hemostasis</i> , 2006, 32, 040-047.	1.5	16
85	Microvascular proliferation in congenital vascular malformations of skin and soft tissue. <i>Journal of Clinical Pathology</i> , 2006, 60, 798-803.	1.0	41
86	CD40 ligand is selectively expressed on CD4+T cells and platelets: implications for CD40-CD40L signalling in atherosclerosis. <i>Journal of Pathology</i> , 2003, 201, 288-295.	2.1	63
87	Increased expression of T cell activation markers (CD25, CD26, CD40L and CD69) in atherectomy specimens of patients with unstable angina and acute myocardial infarction. <i>Atherosclerosis</i> , 2003, 168, 73-80.	0.4	86
88	T lymphocytes in atherogenesis? functional aspects and antigenic repertoire. <i>Cardiovascular Research</i> , 2003, 60, 78-86.	1.8	46
89	Hepatocyte growth factor triggers signaling cascades mediating vascular smooth muscle cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 80-86.	1.0	37
90	Adventitial infiltrates associated with advanced atherosclerotic plaques: structural organization suggests generation of local humoral immune responses. <i>Journal of Pathology</i> , 2001, 193, 263-269.	2.1	153

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91	Immunohistochemical Detection of Interferon- $\beta$ : Fake or Fact?. Journal of Histochemistry and Cytochemistry, 2001, 49, 699-709.	1.3	28
92	Interleukin-15 Expression in Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1208-1213.	1.1	54
93	The Role of Inflammation and Infection in Coronary Artery Disease. Annual Review of Medicine, 2001, 52, 289-297.	5.0	97
94	Atherosclerosis, inflammation, and infection. , 2000, 190, 237-243.		103
95	Cytokine secretion profiles of cloned T cells from human aortic atherosclerotic plaques. , 1999, 188, 174-179.		76
96	Leucocyte recruitment in rupture prone regions of lipid-rich plaques: a prominent role for neovascularization?. Cardiovascular Research, 1999, 41, 443-449.	1.8	220
97	Costimulatory molecules in human atherosclerotic plaques: an indication of antigen specific T lymphocyte activation. Atherosclerosis, 1997, 133, 227-234.	0.4	75