

# Ghislain Opdenakker

## 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.

448  
papers

26,302  
citations

84  
h-index

144  
g-index

475  
ext. papers

29,017  
ext. citations

6.6  
avg, IF

6.72  
L-index

#	Paper	IF	Citations
448	Inhibition of renal fibrosis with a human CXCL9-derived glycosaminoglycan-binding peptide.. <i>Clinical and Translational Immunology</i> , <b>2022</b> , 11, e1370	6.8	0
447	Autoantigen characterization in the lower esophageal sphincter muscle of patients with achalasia.. <i>Neurogastroenterology and Motility</i> , <b>2022</b> , e14348	4	1
446	Atypical response to bacterial co-infection and persistent neutrophilic broncho-alveolar inflammation distinguish critical COVID-19 from influenza. <i>JCI Insight</i> , <b>2021</b> ,	9.9	7
445	New Perspectives on the Immunopathogenesis and Treatment of Uveitis Associated With Vogt-Koyanagi-Harada Disease. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 705796	4.9	2
444	Proteoform Analysis of Matrix Metalloproteinase-9/Gelatinase B and Discovery of Its Citrullination in Rheumatoid Arthritis Synovial Fluids.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 763832	8.4	1
443	Tissue Inhibitor of Metalloproteinase-3 Ameliorates Diabetes-Induced Retinal Inflammation.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 807747	4.6	2
442	A single-dose live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Nature</i> , <b>2021</b> , 590, 320-325	50.4	74
441	Blood-brain barrier resealing in neuromyelitis optica occurs independently of astrocyte regeneration. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	4
440	From ELISA to Immunosorbent Tandem Mass Spectrometry Proteoform Analysis: The Example of CXCL8/Interleukin-8. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 644725	8.4	1
439	Chlorite oxidized oxyamylose differentially influences the microstructure of fibrin and self assembling peptide hydrogels as well as dental pulp stem cell behavior. <i>Scientific Reports</i> , <b>2021</b> , 11, 5687	4.9	1
438	Interferons and other cytokines, genetics and beyond in COVID-19 and autoimmunity. <i>Cytokine and Growth Factor Reviews</i> , <b>2021</b> , 58, 134-140	17.9	2
437	Internal Disulfide Bonding and Glycosylation of Interleukin-7 Protect Against Proteolytic Inactivation by Neutrophil Metalloproteinases and Serine Proteases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 701739	8.4	1
436	Citrullination as a novel posttranslational modification of matrix metalloproteinases. <i>Matrix Biology</i> , <b>2021</b> , 95, 68-83	11.4	7
435	Hemozoin in Malarial Complications: More Questions Than Answers. <i>Trends in Parasitology</i> , <b>2021</b> , 37, 226-239	6.4	6
434	CD146/Soluble CD146 Pathway Is a Novel Biomarker of Angiogenesis and Inflammation in Proliferative Diabetic Retinopathy <b>2021</b> , 62, 32		4
433	Kinetics of peripheral blood neutrophils in severe coronavirus disease 2019. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1271	6.8	14
432	Recombinant Protein-Based Nanoparticles: Elucidating their Inflammatory Effects In Vivo and their Potential as a New Therapeutic Format. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	6

431	Oncostatin M-induced astrocytic tissue inhibitor of metalloproteinases-1 drives remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5028-5038	11.5	10
430	The Biological Potential Hidden in Inclusion Bodies. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	13
429	Bivalent Inhibitor with Selectivity for Trimeric MMP-9 Amplifies Neutrophil Chemotaxis and Enables Functional Studies on MMP-9 Proteoforms. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
428	Neutrophils: Underestimated Players in the Pathogenesis of Multiple Sclerosis (MS). <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	21
427	Remnant Epitopes Generating Autoimmunity: From Model to Useful Paradigm. <i>Trends in Immunology</i> , <b>2020</b> , 41, 367-378	14.4	16
426	The Ulcerative Colitis Response Index for Detection of Mucosal Healing in Patients Treated With Anti-tumour Necrosis Factor. <i>Journal of Crohns and Colitis</i> , <b>2020</b> , 14, 176-184	1.5	7
425	Soluble cytokine receptor levels in aqueous humour of patients with specific autoimmune uveitic entities: sCD30 is a biomarker of granulomatous uveitis. <i>Eye</i> , <b>2020</b> , 34, 1614-1623	4.4	5
424	Efficacy of B Cell Depletion Therapy with Rituximab in Refractory Chronic Recurrent Uveitis Associated with Vogt-Koyanagi-Harada Disease. <i>Ocular Immunology and Inflammation</i> , <b>2020</b> , 1-8	2.8	13
423	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , <b>2020</b> , 11, 5838	17.4	122
422	Local Cytokine Expression Profiling in Patients with Specific Autoimmune Uveitic Entities. <i>Ocular Immunology and Inflammation</i> , <b>2020</b> , 28, 453-462	2.8	11
421	Homotrimeric MMP-9 is an active hitchhiker on alpha-2-macroglobulin partially escaping protease inhibition and internalization through LRP-1. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 3013-3026	10.3	13
420	Interleukin-11 Overexpression and M2 Macrophage Density are Associated with Angiogenic Activity in Proliferative Diabetic Retinopathy. <i>Ocular Immunology and Inflammation</i> , <b>2020</b> , 28, 575-588	2.8	7
419	Galectin-1 studies in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2020</b> , 98, e1-e12	3.7	7
418	Protease propeptide structures, mechanisms of activation, and functions. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2020</b> , 55, 111-165	8.7	16
417	Evaluation of Proteoforms of the Transmembrane Chemokines CXCL16 and CX3CL1, Their Receptors, and Their Processing Metalloproteinases ADAM10 and ADAM17 in Proliferative Diabetic Retinopathy. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 601639	8.4	7
416	CCR2 Is Dispensable for Disease Resolution but Required for the Restoration of Leukocyte Homeostasis Upon Experimental Malaria-Associated Acute Respiratory Distress Syndrome. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 628643	8.4	3
415	Translational glycobiology: from bench to bedside. <i>Journal of the Royal Society of Medicine</i> , <b>2019</b> , 112, 424-427	2.3	4
414	Persistent primary cytomegalovirus infection in a kidney transplant recipient: Multi-drug resistant and compartmentalized infection leading to graft loss. <i>Antiviral Research</i> , <b>2019</b> , 168, 203-209	10.8	5

413	Limitations of neutrophil depletion by anti-Ly6G antibodies in two heterogenic immunological models. <i>Immunology Letters</i> , <b>2019</b> , 212, 30-36	4.1	12
412	Metalloproteinases mediate diabetes-induced retinal neuropathy and vasculopathy. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 3157-3166	10.3	20
411	Matrix metalloproteinases and inhibitors in dentistry. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 2823-2835	4.2	25
410	MMP-9/Gelatinase B Degrades Immune Complexes in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 538	8.4	6
409	The ectoenzyme-side of matrix metalloproteinases (MMPs) makes inflammation by serum amyloid A (SAA) and chemokines go round. <i>Immunology Letters</i> , <b>2019</b> , 205, 1-8	4.1	7
408	Gelatinase B/matrix metalloproteinase-9 and other neutrophil proteases switch off interleukin-2 activity. <i>Biochemical Journal</i> , <b>2019</b> , 476, 2191-2208	3.8	1
407	Critical Roles of Endogenous Glucocorticoids for Disease Tolerance in Malaria. <i>Trends in Parasitology</i> , <b>2019</b> , 35, 918-930	6.4	4
406	Matrix metalloproteinase-9 induces a pro-angiogenic profile in chronic lymphocytic leukemia cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 520, 198-204	3.4	4
405	MMP-9 affects gene expression in chronic lymphocytic leukemia revealing CD99 as an MMP-9 target and a novel partner in malignant cell migration/arrest. <i>Oncogene</i> , <b>2019</b> , 38, 4605-4619	9.2	5
404	Expression of interleukin (IL)-10 family cytokines in aqueous humour of patients with specific endogenous uveitic entities: elevated levels of IL-19 in human leucocyte antigen-B27-associated uveitis. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, e780-e784	3.7	9
403	The Proinflammatory and Proangiogenic Macrophage Migration Inhibitory Factor Is a Potential Regulator in Proliferative Diabetic Retinopathy. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2752	8.4	17
402	EDTA/gelatin zymography method to identify C1s versus activated MMP-9 in plasma and immune complexes of patients with systemic lupus erythematosus. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 576-585	5.6	1
401	Propeptide glycosylation and galectin-3 binding decrease proteolytic activation of human proMMP-9/progelatinase B. <i>FEBS Journal</i> , <b>2019</b> , 286, 930-945	5.7	3
400	The CC chemokines CCL8, CCL13 and CCL20 are local inflammatory biomarkers of HLA-B27-associated uveitis. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, e122-e128	3.7	10
399	Immunomodulation as Rescue for Chronic Atonic Skin Wounds. <i>Trends in Immunology</i> , <b>2018</b> , 39, 341-354	14.4	22
398	Experimental malaria-associated acute respiratory distress syndrome is dependent on the parasite-host combination and coincides with normocyte invasion. <i>Malaria Journal</i> , <b>2018</b> , 17, 102	3.6	14
397	Differential expression and localization of human tissue inhibitors of metalloproteinases in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e27-e37	3.7	15
396	Unbalanced Vitreous Levels of Osteoprotegerin, RANKL, RANK, and TRAIL in Proliferative Diabetic Retinopathy. <i>Ocular Immunology and Inflammation</i> , <b>2018</b> , 26, 1248-1260	2.8	4

395	Myeloid-Related Protein-14/MRP-14/S100A9/Calgranulin B is Associated with Inflammation in Proliferative Diabetic Retinopathy. <i>Ocular Immunology and Inflammation</i> , <b>2018</b> , 26, 615-624	2.8	12
394	Matrix Metalloproteinase-9-Generated COOH-, but Not NH-Terminal Fragments of Serum Amyloid A1 Retain Potentiating Activity in Neutrophil Migration to CXCL8, With Loss of Direct Chemotactic and Cytokine-Inducing Capacity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1081	8.4	10
393	Neutrophils and Activated Macrophages Control Mucosal Immunity by Proteolytic Cleavage of Antileukoproteinase. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1154	8.4	9
392	Anti-inflammatory effects of the GAG-binding CXCL9(74-103) peptide in dinitrofluorobenzene-induced contact hypersensitivity in mice. <i>Clinical and Experimental Allergy</i> , <b>2018</b> , 48, 1333-1344	4.1	8
391	Differential CXC and CX3C Chemokine Expression Profiles in Aqueous Humor of Patients With Specific Endogenous Uveitic Entities <b>2018</b> , 59, 2222-2228		19
390	Matrix metalloproteinase-14 is a biomarker of angiogenic activity in proliferative diabetic retinopathy. <i>Molecular Vision</i> , <b>2018</b> , 24, 394-406	2.3	17
389	Association of 150-kDa oxygen-regulated protein with vascular endothelial growth factor in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e460-e467	3.7	5
388	A catalytically inactive gelatinase B/MMP-9 mutant impairs homing of chronic lymphocytic leukemia cells by altering migration regulatory pathways. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 495, 124-130	3.4	4
387	Gelatinase B/Matrix Metalloproteinase-9 as Innate Immune Effector Molecule in Achalasia. <i>Clinical and Translational Gastroenterology</i> , <b>2018</b> , 9, 208	4.2	10
386	Peroxynitrite Exposure of CXCL12 Impairs Monocyte, Lymphocyte and Endothelial Cell Chemotaxis, Lymphocyte Extravasation and Anti-HIV-1 Activity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1933	8.4	4
385	Gelatinase B/matrix metalloproteinase-9 is a phase-specific effector molecule, independent from Fas, in experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197944	3.7	9
384	Adrenal hormones mediate disease tolerance in malaria. <i>Nature Communications</i> , <b>2018</b> , 9, 4525	17.4	12
383	Comparisons of gut microbiota profiles in wild-type and gelatinase B/matrix metalloproteinase-9-deficient mice in acute DSS-induced colitis. <i>Npj Biofilms and Microbiomes</i> , <b>2018</b> , 4, 18	8.2	5
382	COOH-terminal SAA1 peptides fail to induce chemokines but synergize with CXCL8 and CCL3 to recruit leukocytes via FPR2. <i>Blood</i> , <b>2018</b> , 131, 439-449	2.2	15
381	Chronic Recurrent Vogt-Koyanagi-Harada Disease and Development of Sunset Glow Fundus Q Predict Worse Retinal Sensitivity. <i>Ocular Immunology and Inflammation</i> , <b>2017</b> , 25, 475-485	2.8	19
380	Inhibition of gelatinase B/MMP-9 does not attenuate colitis in murine models of inflammatory bowel disease. <i>Nature Communications</i> , <b>2017</b> , 8, 15384	17.4	27
379	11β-hydroxysteroid dehydrogenase type 1 has no effect on survival during experimental malaria but affects parasitemia in a parasite strain-specific manner. <i>Scientific Reports</i> , <b>2017</b> , 7, 13835	4.9	4
378	Osteoprotegerin Is a New Regulator of Inflammation and Angiogenesis in Proliferative Diabetic Retinopathy <b>2017</b> , 58, 3189-3201		24

377	Endotoxemia shifts neutrophils with TIMP-free gelatinase B/MMP-9 from bone marrow to the periphery and induces systematic upregulation of TIMP-1. <i>Haematologica</i> , <b>2017</b> , 102, 1671-1682	6.6	9
376	Chemokine isoforms and processing in inflammation and immunity. <i>Journal of Autoimmunity</i> , <b>2017</b> , 85, 45-57	15.5	47
375	Extracellular matrix metalloproteinase inducer (EMMPRIN) is a potential biomarker of angiogenesis in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, 697-704	3.7	11
374	Suramin increases cartilage proteoglycan accumulation in vitro and protects against joint damage triggered by papain injection in mouse knees in vivo. <i>RMD Open</i> , <b>2017</b> , 3, e000604	5.9	7
373	Pathogenic CD8 T Cells Cause Increased Levels of VEGF-A in Experimental Malaria-Associated Acute Respiratory Distress Syndrome, but Therapeutic VEGFR Inhibition Is Not Effective. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 416	5.9	12
372	NK65 in Combination with IFN- $\gamma$ Induces Endothelial Glucocorticoid Resistance Sustained Activation of p38 and JNK. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1199	8.4	6
371	Differential inhibition of activity, activation and gene expression of MMP-9 in THP-1 cells by azithromycin and minocycline versus bortezomib: A comparative study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174853	3.7	22
370	Association of HMGB1 with oxidative stress markers and regulators in PDR. <i>Molecular Vision</i> , <b>2017</b> , 23, 853-871	2.3	22
369	Matrix metalloproteinase-9 (MMP-9) as an activator of nanosystems for targeted drug delivery in pancreatic cancer. <i>Journal of Controlled Release</i> , <b>2016</b> , 239, 39-48	11.7	34
368	Humoral immunity in phenotypes of chronic lung allograft dysfunction: A broncho-alveolar lavage fluid analysis. <i>Transplant Immunology</i> , <b>2016</b> , 38, 27-32	1.7	24
367	Imaging matrix metalloproteinase activity in multiple sclerosis as a specific marker of leukocyte penetration of the blood-brain barrier. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 364ra152	17.5	68
366	Thymocyte development in the absence of matrix metalloproteinase-9/gelatinase B. <i>Scientific Reports</i> , <b>2016</b> , 6, 29852	4.9	3
365	Upregulation of Thrombin/Matrix Metalloproteinase-1/Protease-Activated Receptor-1 Chain in Proliferative Diabetic Retinopathy. <i>Current Eye Research</i> , <b>2016</b> , 41, 1590-1600	2.9	15
364	Genetic Deletion of Tissue Inhibitor of Metalloproteinase-1/TIMP-1 Alters Inflammation and Attenuates Fibrosis in Dextran Sodium Sulphate-induced Murine Models of Colitis. <i>Journal of Crohns and Colitis</i> , <b>2016</b> , 10, 1336-1350	1.5	24
363	Differential Diagnosis of Autoimmune Pancreatitis From Pancreatic Cancer by Analysis of Serum Gelatinase Levels. <i>Pancreas</i> , <b>2016</b> , 45, 1048-55	2.6	5
362	The immunological balance between host and parasite in malaria. <i>FEMS Microbiology Reviews</i> , <b>2016</b> , 40, 208-57	15.1	65
361	Proteases in cancer drug delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 97, 144-55	18.5	71
360	Coexpression of heparanase activity, cathepsin L, tissue factor, tissue factor pathway inhibitor, and MMP-9 in proliferative diabetic retinopathy. <i>Molecular Vision</i> , <b>2016</b> , 22, 424-35	2.3	14



359	Structure and Expression of Different Serum Amyloid A (SAA) Variants and their Concentration-Dependent Functions During Host Insults. <i>Current Medicinal Chemistry</i> , <b>2016</b> , 23, 1725-55	4.3	108
358	The Cytokine Interleukin-6 and the Chemokines CCL20 and CXCL13 Are Novel Biomarkers of Specific Endogenous Uveitic Entities <b>2016</b> , 57, 4606-13		23
357	Endothelial Response to Glucocorticoids in Inflammatory Diseases. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 592	8.4	52
356	The molecular biology of matrix metalloproteinases and tissue inhibitors of metalloproteinases in inflammatory bowel diseases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2016</b> , 51, 295-358	8.7	44
355	Synthesis and functionalization of protease-activated nanoparticles with tissue plasminogen activator peptides as targeting moiety and diagnostic tool for pancreatic cancer. <i>Journal of Nanobiotechnology</i> , <b>2016</b> , 14, 81	9.4	12
354	Glycosylation of matrix metalloproteases and tissue inhibitors: present state, challenges and opportunities. <i>Biochemical Journal</i> , <b>2016</b> , 473, 1471-82	3.8	36
353	Inhibition of MMP-9-dependent Degradation of Gelatin, but Not Other MMP-9 Substrates, by the MMP-9 Hemopexin Domain Blades 1 and 4. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 11751-60	5.4	18
352	Multidrug-resistant cytomegalovirus infection in a pediatric stem cell transplantation patient. <i>Antiviral Research</i> , <b>2016</b> , 132, 149-53	10.8	5
351	Microbiomic and Posttranslational Modifications as Preludes to Autoimmune Diseases. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 746-757	11.5	38
350	Systemic Ablation of MMP-9 Triggers Invasive Growth and Metastasis of Pancreatic Cancer via Deregulation of IL6 Expression in the Bone Marrow. <i>Molecular Cancer Research</i> , <b>2016</b> , 14, 1147-1158	6.6	32
349	The Chemokine Platelet Factor-4 Variant (PF-4var)/CXCL4L1 Inhibits Diabetes-Induced Blood-Retinal Barrier Breakdown <b>2015</b> , 56, 1956-64		12
348	Circular trimers of gelatinase B/matrix metalloproteinase-9 constitute a distinct population of functional enzyme molecules differentially regulated by tissue inhibitor of metalloproteinases-1. <i>Biochemical Journal</i> , <b>2015</b> , 465, 259-70	3.8	35
347	Focal MMP-2 and MMP-9 activity at the blood-brain barrier promotes chemokine-induced leukocyte migration. <i>Cell Reports</i> , <b>2015</b> , 10, 1040-54	10.6	119
346	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. <i>Nature Communications</i> , <b>2015</b> , 6, 6673	17.4	302
345	Serum amyloid A1 $\beta$ induces paracrine IL-8/CXCL8 via TLR2 and directly synergizes with this chemokine via CXCR2 and formyl peptide receptor 2 to recruit neutrophils. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 98, 1049-60	6.5	30
344	Serum Neutrophil Gelatinase B-associated Lipocalin and Matrix Metalloproteinase-9 Complex as a Surrogate Marker for Mucosal Healing in Patients with Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , <b>2015</b> , 9, 1079-87	1.5	30
343	Serum amyloid A chemoattracts immature dendritic cells and indirectly provokes monocyte chemotaxis by induction of cooperating CC and CXC chemokines. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 101-12	6.1	47
342	Nonproteolytic functions of matrix metalloproteinases in pathology and insights for the development of novel therapeutic inhibitors. <i>Metalloproteinases in Medicine</i> , <b>2015</b> , 19	0.7	13

341	Upregulated Expression of Heparanase in the Vitreous of Patients With Proliferative Diabetic Retinopathy Originates From Activated Endothelial Cells and Leukocytes <b>2015</b> , 56, 8239-47		29
340	The tumor necrosis factor superfamily members TWEAK, TNFSF15 and fibroblast growth factor-inducible protein 14 are upregulated in proliferative diabetic retinopathy. <i>Ophthalmic Research</i> , <b>2015</b> , 53, 122-30	2.9	9
339	Matrix metalloproteinase-9 is essential for physiological Beta cell function and islet vascularization in adult mice. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 1094-103	5.8	17
338	Myofibroblasts in proliferative diabetic retinopathy can originate from infiltrating fibrocytes and through endothelial-to-mesenchymal transition (EndoMT). <i>Experimental Eye Research</i> , <b>2015</b> , 132, 179-89	3.7	54
337	Matrix metalloproteinase in diabetic retinopathy. <i>Acta Ophthalmologica</i> , <b>2015</b> , 93, n/a-n/a	3.7	2
336	Citrullination and proteolytic processing of chemokines by <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , <b>2014</b> , 82, 2511-9	3.7	20
335	Crosstalk between sentinel and helper macrophages permits neutrophil migration into infected uroepithelium. <i>Cell</i> , <b>2014</b> , 156, 456-68	56.2	147
334	Acyclovir-resistant herpes simplex encephalitis in a patient treated with anti-tumor necrosis factor- $\Gamma$ monoclonal antibodies. <i>Journal of Clinical Virology</i> , <b>2014</b> , 59, 67-70	14.5	16
333	Overexpression of progelatinase B/proMMP-9 affects migration regulatory pathways and impairs chronic lymphocytic leukemia cell homing to bone marrow and spleen. <i>Journal of Leukocyte Biology</i> , <b>2014</b> ,	6.5	1
332	Physico-chemical and toxicological characterization of iron-containing albumin nanoparticles as platforms for medical imaging. <i>Journal of Controlled Release</i> , <b>2014</b> , 194, 130-7	11.7	16
331	Functional links between gelatinase B/matrix metalloproteinase-9 and prominin-1/CD133 in diabetic retinal vasculopathy and neuropathy. <i>Progress in Retinal and Eye Research</i> , <b>2014</b> , 43, 76-91	20.5	12
330	The Sputum Colour Chart as a predictor of lung inflammation, proteolysis and damage in non-cystic fibrosis bronchiectasis: a case-control analysis. <i>Respirology</i> , <b>2014</b> , 19, 203-210	3.6	42
329	MalarImDB: an open-access literature-based malaria immunology database. <i>Trends in Parasitology</i> , <b>2014</b> , 30, 309-16	6.4	5
328	Hemozoin induces hepatic inflammation in mice and is differentially associated with liver pathology depending on the Plasmodium strain. <i>PLoS ONE</i> , <b>2014</b> , 9, e113519	3.7	24
327	On the structure and functions of gelatinase B/matrix metalloproteinase-9 in neuroinflammation. <i>Progress in Brain Research</i> , <b>2014</b> , 214, 193-206	2.9	39
326	Antiviral Drug-Resistance Typing Reveals Compartmentalization and Dynamics of Acyclovir-Resistant Herpes Simplex Virus Type-2 (HSV-2) in a Case of Neonatal Herpes. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2014</b> , 3, e24-7	4.8	8
325	Expression of bioactive lysophospholipids and processing enzymes in the vitreous from patients with proliferative diabetic retinopathy. <i>Lipids in Health and Disease</i> , <b>2014</b> , 13, 187	4.4	18
324	Overexpression of progelatinase B/proMMP-9 affects migration regulatory pathways and impairs chronic lymphocytic leukemia cell homing to bone marrow and spleen. <i>Journal of Leukocyte Biology</i> , <b>2014</b> , 96, 185-99	6.5	19



323	Heterogeneity of serum gelatinases MMP-2 and MMP-9 isoforms and charge variants. <i>Journal of Cellular and Molecular Medicine</i> , <b>2014</b> , 18, 242-52	5.6	25
322	Neutrophil gelatinase B-associated lipocalin and matrix metalloproteinase-9 complex as a surrogate serum marker of mucosal healing in ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 1198-207	4.5	41
321	Infliximab restores the dysfunctional matrix remodeling protein and growth factor gene expression in patients with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 339-52	4.5	30
320	Inhibition of neutrophil collagenase/MMP-8 and gelatinase B/MMP-9 and protection against endotoxin shock. <i>Journal of Immunology Research</i> , <b>2014</b> , 2014, 747426	4.5	6
319	Interference with glycosaminoglycan-chemokine interactions with a probe to alter leukocyte recruitment and inflammation in vivo. <i>PLoS ONE</i> , <b>2014</b> , 9, e104107	3.7	11
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2	STAT2 signaling as double-edged sword restricting viral dissemination but driving severe pneumonia in SARS-CoV-2 infected hamsters		30
1	A single-dose live-attenuated YF17D-vectored SARS-CoV2 vaccine candidate		11