

Dieter E Jenne

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,189
citations

394421

19
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

3209
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil Elastase, Proteinase 3, and Cathepsin G as Therapeutic Targets in Human Diseases. <i>Pharmacological Reviews</i> , 2010, 62, 726-759.	16.0	676
2	Antineutrophil cytoplasmic autoantibodies against the murine homolog of proteinase 3 (Wegener) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	217
3	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. <i>Nature Communications</i> , 2016, 7, 10973.	12.8	207
4	Pathogenicity of human antibodies against myelin oligodendrocyte glycoprotein. <i>Annals of Neurology</i> , 2018, 84, 315-328.	5.3	140
5	Unopposed Cathepsin G, Neutrophil Elastase, and Proteinase 3 Cause Severe Lung Damage and Emphysema. <i>American Journal of Pathology</i> , 2014, 184, 2197-2210.	3.8	88
6	Therapeutic targeting of cathepsin C: from pathophysiology to treatment. , 2018, 190, 202-236.		85
7	Tailor-made inflammation: how neutrophil serine proteases modulate the inflammatory response. <i>Journal of Molecular Medicine</i> , 2011, 89, 23-28.	3.9	83
8	Neutrophil proteinase 3 and dipeptidyl peptidase I (cathepsin C) as pharmacological targets in granulomatosis with polyangiitis (Wegener granulomatosis). <i>Seminars in Immunopathology</i> , 2013, 35, 411-421.	6.1	57
9	NSP4 Is Stored in Azurophil Granules and Released by Activated Neutrophils as Active Endoprotease with Restricted Specificity. <i>Journal of Immunology</i> , 2013, 191, 2700-2707.	0.8	57
10	Lung Protection by Cathepsin C Inhibition: A New Hope for COVID-19 and ARDS?. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13258-13265.	6.4	49
11	Common coding variant in <i>SERPINA1</i> increases the risk for large artery stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3613-3618.	7.1	46
12	Neutrophilic Cathepsin C Is Matured by a Multistep Proteolytic Process and Secreted by Activated Cells during Inflammatory Lung Diseases. <i>Journal of Biological Chemistry</i> , 2016, 291, 8486-8499.	3.4	45
13	TIMP1 Triggers Neutrophil Extracellular Trap Formation in Pancreatic Cancer. <i>Cancer Research</i> , 2021, 81, 3568-3579.	0.9	44
14	New Selective Peptidyl Di(chlorophenyl) Phosphonate Esters for Visualizing and Blocking Neutrophil Proteinase 3 in Human Diseases. <i>Journal of Biological Chemistry</i> , 2014, 289, 31777-31791.	3.4	38
15	Discrimination and variable impact of ANCA binding to different surface epitopes on proteinase 3, the Wegener's autoantigen. <i>Journal of Autoimmunity</i> , 2010, 35, 299-308.	6.5	35
16	Prolonged pharmacological inhibition of cathepsin C results in elimination of neutrophil serine proteases. <i>Biochemical Pharmacology</i> , 2017, 131, 52-67.	4.4	34
17	Mapping of Conformational Epitopes on Human Proteinase 3, the Autoantigen of Wegener's Granulomatosis. <i>Journal of Immunology</i> , 2010, 185, 387-399.	0.8	31
18	Inhibitors and Antibody Fragments as Potential Anti-Inflammatory Therapeutics Targeting Neutrophil Proteinase 3 in Human Disease. <i>Pharmacological Reviews</i> , 2016, 68, 603-630.	16.0	30

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19	Proteinase release from activated neutrophils in mechanically ventilated patients with non-COVID-19 and COVID-19 pneumonia. <i>European Respiratory Journal</i> , 2021, 57, 2003755.	6.7	27
20	Consequences of cathepsin C inactivation for membrane exposure of proteinase 3, the target antigen in autoimmune vasculitis. <i>Journal of Biological Chemistry</i> , 2018, 293, 12415-12428.	3.4	26
21	A Monoclonal Antibody (MCPR3-7) Interfering with the Activity of Proteinase 3 by an Allosteric Mechanism. <i>Journal of Biological Chemistry</i> , 2013, 288, 26635-26648.	3.4	21
22	Structure-based design and in vivo anti-arthritis activity evaluation of a potent dipeptidyl cyclopropyl nitrile inhibitor of cathepsin C. <i>Biochemical Pharmacology</i> , 2019, 164, 349-367.	4.4	21
23	Preservation with $\hat{1}$ -antitrypsin improves primary graft function of murine lung transplants. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1021-1028.	0.6	20
24	Cathepsin C inhibition as a potential treatment strategy in cancer. <i>Biochemical Pharmacology</i> , 2021, 194, 114803.	4.4	17
25	The Glycosylation Site of Myelin Oligodendrocyte Glycoprotein Affects Autoantibody Recognition in a Large Proportion of Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1189.	4.8	15
26	Analysis of urinary cathepsin C for diagnosing Papillon-Lévy syndrome. <i>FEBS Journal</i> , 2016, 283, 498-509.	4.7	14
27	Pathogenicity of Proteinase 3-Anti-Neutrophil Cytoplasmic Antibody in Granulomatosis With Polyangiitis: Implications as Biomarker and Future Therapies. <i>Frontiers in Immunology</i> , 2021, 12, 571933.	4.8	14
28	Premedication with a cathepsin C inhibitor alleviates early primary graft dysfunction in mouse recipients after lung transplantation. <i>Scientific Reports</i> , 2019, 9, 9925.	3.3	13
29	Cathepsin B promotes collagen biosynthesis, which drives bronchiolitis obliterans syndrome. <i>European Respiratory Journal</i> , 2021, 57, 2001416.	6.7	13
30	Processing and Maturation of Cathepsin C Zymogen: A Biochemical and Molecular Modeling Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4747.	4.1	12
31	Allosteric modulation of proteinase 3 activity by anti-neutrophil cytoplasmic antibodies in granulomatosis with polyangiitis. <i>Journal of Autoimmunity</i> , 2015, 59, 43-52.	6.5	6
32	Origin and Expansion of the Serine Protease Repertoire in the Myelomonocyte Lineage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1658.	4.1	5
33	Off-Target Rewards of Augmentation Therapy with $\hat{1}$ -Antitrypsin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1203-1204.	5.6	2