

# Albert G Remacle

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

779  
citations

687363

13  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate Cleavage Analysis of Furin and Related Proprotein Convertases. <i>Journal of Biological Chemistry</i> , 2008, 283, 20897-20906.	3.4	126
2	Novel MT1-MMP Small-Molecule Inhibitors Based on Insights into Hemopexin Domain Function in Tumor Growth. <i>Cancer Research</i> , 2012, 72, 2339-2349.	0.9	122
3	Tissue Inhibitor of Metalloproteinases-2 Binding to Membrane-type 1 Matrix Metalloproteinase Induces MAPK Activation and Cell Growth by a Non-proteolytic Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 87-99.	3.4	95
4	Active-site MMP-selective antibody inhibitors discovered from convex paratope synthetic libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14970-14975.	7.1	72
5	O-Glycosylation Regulates Autolysis of Cellular Membrane Type-1 Matrix Metalloproteinase (MT1-MMP). <i>Journal of Biological Chemistry</i> , 2006, 281, 16897-16905.	3.4	53
6	Matrix Metalloproteinase-14 Both Sheds Cell Surface Neuronal Glial Antigen 2 (NG2) Proteoglycan on Macrophages and Governs the Response to Peripheral Nerve Injury. <i>Journal of Biological Chemistry</i> , 2015, 290, 3693-3707.	3.4	44
7	Selective and potent furin inhibitors protect cells from anthrax without significant toxicity. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 987-995.	2.8	36
8	Distinct Interactions with Cellular E-Cadherin of the Two Virulent Metalloproteinases Encoded by a <i>Bacteroides fragilis</i> Pathogenicity Island. <i>PLoS ONE</i> , 2014, 9, e113896.	2.5	35
9	Selective function-blocking monoclonal human antibody highlights the important role of membrane type-1 matrix metalloproteinase (MT1-MMP) in metastasis. <i>Oncotarget</i> , 2017, 8, 2781-2799.	1.8	35
10	Acute- and late-phase matrix metalloproteinase (MMP)-9 activity is comparable in female and male rats after peripheral nerve injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 89.	7.2	31
11	High-Throughput Multiplexed Peptide-Centric Profiling Illustrates Both Substrate Cleavage Redundancy and Specificity in the MMP Family. <i>Chemistry and Biology</i> , 2015, 22, 1122-1133.	6.0	26
12	Reciprocal relationship between membrane type 1 matrix metalloproteinase and the algescic peptides of myelin basic protein contributes to chronic neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 282-292.	4.1	21
13	The alternatively spliced fibronectin CS1 isoform regulates IL-17A levels and mechanical allodynia after peripheral nerve injury. <i>Journal of Neuroinflammation</i> , 2015, 12, 158.	7.2	18
14	A myelin basic protein fragment induces sexually dimorphic transcriptome signatures of neuropathic pain in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 10807-10821.	3.4	15
15	Non-destructive and Selective Imaging of the Functionally Active, Pro-invasive Membrane Type-1 Matrix Metalloproteinase (MT1-MMP) Enzyme in Cancer Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 20568-20580.	3.4	14
16	Dynamic Interdomain Interactions Contribute to the Inhibition of Matrix Metalloproteinases by Tissue Inhibitors of Metalloproteinases. <i>Journal of Biological Chemistry</i> , 2011, 286, 21002-21012.	3.4	12
17	A sensitive and selective ELISA methodology quantifies a demyelination marker in experimental and clinical samples. <i>Journal of Immunological Methods</i> , 2018, 455, 80-87.	1.4	6
18	Amino acid sequence conservation of the algescic fragment of myelin basic protein is required for its interaction with CDK 5 and function in pain. <i>FEBS Journal</i> , 2018, 285, 3485-3502.	4.7	5

#	ARTICLE	IF	CITATIONS
19	Quantitative profiling of protease specificity. PLoS Computational Biology, 2021, 17, e1008101.	3.2	5
20	Interaction of the cryptic fragment of myelin basic protein with mitochondrial voltage-dependent anion-selective channel-1 affects cell energy metabolism. Biochemical Journal, 2018, 475, 2355-2376.	3.7	3
21	Sex-Specific B Cell and Anti-Myelin Autoantibody Response After Peripheral Nerve Injury. Frontiers in Cellular Neuroscience, 2022, 16, 835800.	3.7	3
22	Peptide Sequence Region That is Essential for the Interactions of the Enterotoxigenic Bacteroides fragilis Metalloproteinase II with E-cadherin. Journal of Proteolysis, 2014, 1, 3-14.	0.0	2