

Bela Z Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,405
citations

430843

18
h-index

477281

29
g-index

30
all docs

30
docs citations

30
times ranked

1971
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of Mutant Δ 1-Antitrypsin Z in the Endoplasmic Reticulum Activates Caspases-4 and -12, NF κ B, and BAP31 but Not the Unfolded Protein Response. <i>Journal of Biological Chemistry</i> , 2005, 280, 39002-39015.	3.4	220
2	Human Factor H Deficiency. <i>Journal of Biological Chemistry</i> , 1997, 272, 25168-25175.	3.4	144
3	In vitro acute and developmental neurotoxicity screening: an overview of cellular platforms and high-throughput technical possibilities. <i>Archives of Toxicology</i> , 2017, 91, 1-33.	4.2	132
4	The Proteasome Participates in Degradation of Mutant Δ 1-Antitrypsin Z in the Endoplasmic Reticulum of Hepatoma-derived Hepatocytes. <i>Journal of Biological Chemistry</i> , 2001, 276, 44865-44872.	3.4	124
5	Efficient Recombinase-Mediated Cassette Exchange in hPSCs to Study the Hepatocyte Lineage Reveals AAVS1 Locus-Mediated Transgene Inhibition. <i>Stem Cell Reports</i> , 2015, 5, 918-931.	4.8	115
6	Grp78, Grp94, and Grp170 interact with Δ 1-antitrypsin mutants that are retained in the endoplasmic reticulum. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G444-G455.	3.4	93
7	Small heat shock proteins target mutant cystic fibrosis transmembrane conductance regulator for degradation via a small ubiquitin-like modifier-dependent pathway. <i>Molecular Biology of the Cell</i> , 2013, 24, 74-84.	2.1	88
8	A Naturally Occurring Nonpolymerogenic Mutant of Δ 1-Antitrypsin Characterized by Prolonged Retention in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2001, 276, 33893-33898.	3.4	60
9	Prdm12 Directs Nociceptive Sensory Neuron Development by Regulating the Expression of the NGF Receptor TrkA. <i>Cell Reports</i> , 2019, 26, 3522-3536.e5.	6.4	50
10	Cysteine String Protein Monitors Late Steps in Cystic Fibrosis Transmembrane Conductance Regulator Biogenesis. <i>Journal of Biological Chemistry</i> , 2006, 281, 11312-11321.	3.4	44
11	Cysteine String Protein Promotes Proteasomal Degradation of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) by Increasing Its Interaction with the C Terminus of Hsp70-interacting Protein and Promoting CFTR Ubiquitylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 4168-4178.	3.4	40
12	Disruption of Disulfide Bonds Is Responsible for Impaired Secretion in Human Complement Factor H Deficiency. <i>Journal of Biological Chemistry</i> , 1999, 274, 11782-11788.	3.4	39
13	Complement: a critical test of its biological importance. <i>Immunological Reviews</i> , 2000, 178, 166-176.	6.0	36
14	Cystic fibrosis transmembrane conductance regulator modulators in cystic fibrosis: current perspectives. <i>Clinical Pharmacology: Advances and Applications</i> , 2016, Volume 8, 127-140.	1.2	35
15	The EU-ToxRisk method documentation, data processing and chemical testing pipeline for the regulatory use of new approach methods. <i>Archives of Toxicology</i> , 2020, 94, 2435-2461.	4.2	30
16	<i>ADD66</i> , a Gene Involved in the Endoplasmic Reticulum-associated Degradation of Δ 1-Antitrypsin-Z in Yeast, Facilitates Proteasome Activity and Assembly. <i>Molecular Biology of the Cell</i> , 2007, 18, 3776-3787.	2.1	27
17	Nanomaterials to avoid and destroy protein aggregates. <i>Nano Today</i> , 2020, 31, 100837.	11.9	27
18	In vitro complement activation by ragweed allergen extract in the sera of ragweed allergic and non-allergic persons. <i>Immunology Letters</i> , 1995, 48, 65-71.	2.5	21

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19	The severity of clinical symptoms in ragweed-allergic patients is related to the extent of ragweed-induced complement activation in their sera. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1997, 52, 1110-1114.	5.7	15
20	Contribution of the HEDJ/ERdj3 cysteine-rich domain to substrate interactions. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 147-158.	3.0	13
21	Determination of benchmark concentrations and their statistical uncertainty for cytotoxicity test data and functional in vitro assays. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 155-163.	1.5	12
22	The effect of WSEWS pentapeptide and WSEWS-specific monoclonal antibodies on constitutive and IL-6 induced acute-phase protein production by a human hepatoma cell line, HEPG-2. <i>Immunology Letters</i> , 1995, 46, 183-187.	2.5	10
23	Ragweed allergy: Correlation between skin reactivity and in vitro complement activation. <i>Immunology Letters</i> , 1998, 64, 119-123.	2.5	10
24	Comparative study of the complement-activating and specific IgE-binding properties of ragweed pollen allergen. <i>Clinical and Experimental Immunology</i> , 1997, 108, 122-127.	2.6	5
25	Bacterial Protein Homeostasis Disruption as a Therapeutic Intervention. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 681855.	3.5	5
26	Effect of Conditioned Media of Acute Myeloid Leukemia Blast Cells on Complement Synthesis by Cultured Human Cells of Monocyte and Hepatocyte Origin. <i>Complement and Inflammation</i> , 1991, 8, 370-377.	0.7	2
27	What 50 principal investigators taught me about my failure to land tenure. <i>Nature</i> , 2019, 567, 273-275.	27.8	2
28	Complement synthesis influencing factors produced by acute myeloid leukemia blast cells. <i>Pathology and Oncology Research</i> , 1995, 1, 54-59.	1.9	1
29	Thoughts of Principal Investigators about Work, Science, and Themselves. , 2021, , 145-176.		0