

Cornelia M Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,762
citations

361296

20
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

3130
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau protein kinases: Involvement in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2013, 12, 289-309.	5.0	484
2	Tau protein phosphatases in Alzheimer's disease: The leading role of PP2A. <i>Ageing Research Reviews</i> , 2013, 12, 39-49.	5.0	185
3	Alternative Splicing and Protein Diversity: Plants Versus Animals. <i>Frontiers in Plant Science</i> , 2019, 10, 708.	1.7	136
4	Eeyarestatin I inhibits Sec61-mediated protein translocation at the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2009, 122, 4393-4400.	1.2	90
5	Does co-transcriptional regulation of alternative splicing mediate plant stress responses?. <i>Nucleic Acids Research</i> , 2019, 47, 2716-2726.	6.5	86
6	Applications and strategies in nanodiagnosis and nanotherapy in lung cancer. <i>Seminars in Cancer Biology</i> , 2021, 69, 349-364.	4.3	86
7	Sortilin mediates the release and transfer of exosomes in concert with two tyrosine kinase receptors. <i>Journal of Cell Science</i> , 2014, 127, 3983-97.	1.2	69
8	Ribophorin I acts as a substrate-specific facilitator of N-glycosylation. <i>Journal of Cell Science</i> , 2007, 120, 648-657.	1.2	65
9	Ribophorin I regulates substrate delivery to the oligosaccharyltransferase core. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9534-9539.	3.3	58
10	Pivotal Role of Calnexin and Mannose Trimming in Regulating the Endoplasmic Reticulum-associated Degradation of Major Histocompatibility Complex Class I Heavy Chain. <i>Journal of Biological Chemistry</i> , 2000, 275, 21224-21232.	1.6	54
11	Conotoxins: Structure, Therapeutic Potential and Pharmacological Applications. <i>Current Pharmaceutical Design</i> , 2016, 22, 582-589.	0.9	54
12	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. <i>Neurobiology of Aging</i> , 2013, 34, 770-790.	1.5	46
13	Ribophorin I Associates with a Subset of Membrane Proteins after Their Integration at the Sec61 Translocon. <i>Journal of Biological Chemistry</i> , 2005, 280, 4195-4206.	1.6	41
14	Autophagy Dysfunction and its Link to Alzheimer's Disease and Type II Diabetes Mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 226-246.	0.8	39
15	The new indirubin derivative inhibitors of glycogen synthase kinase-3, BIBDECO and BIMYEO, prevent tau phosphorylation and apoptosis induced by the inhibition of protein phosphatase-2A by okadaic acid in cultured neurons. <i>Journal of Neuroscience Research</i> , 2011, 89, 1802-1811.	1.3	31
16	The Implications of Sortilin/Vps10p Domain Receptors in Neurological and Human Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1354-1365.	0.8	29
17	A new role under sortilin's belt in cancer. <i>Communicative and Integrative Biology</i> , 2016, 9, e1130192.	0.6	26
18	Challenges and Strategies in Precision Medicine for Non-Small-Cell Lung Cancer. <i>Current Pharmaceutical Design</i> , 2016, 22, 4374-4385.	0.9	26

#	ARTICLE	IF	CITATIONS
19	The Ins and Outs of Nanoparticle Technology in Neurodegenerative Diseases and Cancer. <i>Current Drug Metabolism</i> , 2015, 16, 609-632.	0.7	21
20	GSM-900MHz at low dose temperature-dependently downregulates $\hat{\pm}$ -synuclein in cultured cerebral cells independently of chaperone-mediated-autophagy. <i>Toxicology</i> , 2012, 292, 136-144.	2.0	20
21	Balancing neurotrophin pathway and sortilin function: Its role in human disease. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188429.	3.3	19
22	Differential nucleosome occupancy modulates alternative splicing in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2021, 229, 1937-1945.	3.5	19
23	DC2 and Keratinocyte-associated Protein 2 (KCP2), Subunits of the Oligosaccharyltransferase Complex, Are Regulators of the I ³ -Secretase-directed Processing of Amyloid Precursor Protein (APP). <i>Journal of Biological Chemistry</i> , 2011, 286, 31080-31091.	1.6	13
24	Targeting DNA methyltransferases in non-small-cell lung cancer. <i>Seminars in Cancer Biology</i> , 2022, 83, 77-87.	4.3	13
25	The oligomeric state of Derlin-1 is modulated by endoplasmic reticulum stress. <i>Molecular Membrane Biology</i> , 2007, 24, 113-120.	2.0	11
26	The Undiscovered Potential of Essential Oils for Treating SARS-CoV-2 (COVID-19). <i>Current Pharmaceutical Design</i> , 2020, 26, 5261-5277.	0.9	11
27	Bioinformatics Analysis of the Interaction of miRNAs and piRNAs with Human mRNA Genes Having di- and Trinucleotide Repeats. <i>Genes</i> , 2022, 13, 800.	1.0	7
28	Therapeutic Potential of Natural Compounds in Lung Cancer. <i>Current Medicinal Chemistry</i> , 2021, 28, 7988-8002.	1.2	6
29	Extracellular Vesicles, Stem Cells and the Role of miRNAs in Neurodegeneration. <i>Current Neuropharmacology</i> , 2022, 20, 1450-1478.	1.4	5
30	Exploring the cytotoxic mechanisms of Pediocin PA-1 towards HeLa and HT29 cells by comparison to known bacteriocins: Microcin E492, enterocin heterodimer and Divercin V41. <i>PLoS ONE</i> , 2021, 16, e0251951.	1.1	4
31	Investigation of Folding and Degradation of Mutant Proteins Synthesized in Semipermeabilized Cells. , 2003, 232, 295-312.		2
32	Studying Endoplasmic Reticulum Function In Vitro Using siRNA. <i>Methods in Molecular Biology</i> , 2010, 619, 389-402.	0.4	2
33	The Role of Endoproteolytic Processing in Neurodegeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 1222-1230.	0.8	2
34	Stochastic Variation in DNA Methylation Modulates Nucleosome Occupancy and Alternative Splicing in <i>Arabidopsis thaliana</i> . <i>Plants</i> , 2022, 11, 1105.	1.6	2
35	The Role of Autophagy in Lung Disease. , 0, , .		0