

Claudius Mueller

List of Publications by Citations

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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.

43
papers

1,866
citations

21
h-index

43
g-index

45
ext. papers

2,093
ext. citations

5.8
avg. IF

4.31
L-index

#	Paper	IF	Citations
43	Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: a meta-analysis. <i>Neurobiology of Disease</i> , 2013 , 59, 100-10	7.5	212
42	Correlation of hypointensities in susceptibility-weighted images to tissue histology in dementia patients with cerebral amyloid angiopathy: a postmortem MRI study. <i>Acta Neuropathologica</i> , 2010 , 119, 291-302	14.3	212
41	Iron, zinc and copper in the Alzheimer's disease brain: a quantitative meta-analysis. Some insight on the influence of citation bias on scientific opinion. <i>Progress in Neurobiology</i> , 2011 , 94, 296-306	10.9	204
40	Discordant inheritance of chromosomal and extrachromosomal DNA elements contributes to dynamic disease evolution in glioblastoma. <i>Nature Genetics</i> , 2018 , 50, 708-717	36.3	116
39	Reverse phase protein microarrays advance to use in clinical trials. <i>Molecular Oncology</i> , 2010 , 4, 461-81	7.9	112
38	Malignant precursor cells pre-exist in human breast DCIS and require autophagy for survival. <i>PLoS ONE</i> , 2010 , 5, e10240	3.7	109
37	Serial susceptibility weighted MRI measures brain iron and microbleeds in dementia. <i>Journal of Alzheimer's Disease</i> , 2009 , 17, 599-609	4.3	106
36	Increased production of inflammatory cytokines in mild cognitive impairment. <i>Experimental Gerontology</i> , 2007 , 42, 233-40	4.5	103
35	Tissue is alive: New technologies are needed to address the problems of protein biomarker pre-analytical variability. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 874-882	3.1	75
34	One-step preservation of phosphoproteins and tissue morphology at room temperature for diagnostic and research specimens. <i>PLoS ONE</i> , 2011 , 6, e23780	3.7	66
33	Iron, copper, and iron regulatory protein 2 in Alzheimer's disease and related dementias. <i>Neuroscience Letters</i> , 2007 , 418, 72-6	3.3	64
32	The heme degradation pathway is a promising serum biomarker source for the early detection of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 1081-91	4.3	45
31	Laser capture microdissection for protein and NanoString RNA analysis. <i>Methods in Molecular Biology</i> , 2013 , 931, 213-57	1.4	40
30	Glioblastoma cell enrichment is critical for analysis of phosphorylated drug targets and proteomic-genomic correlations. <i>Cancer Research</i> , 2014 , 74, 818-28	10.1	37
29	Protein biomarkers for subtyping breast cancer and implications for future research. <i>Expert Review of Proteomics</i> , 2018 , 15, 131-152	4.2	35
28	Altered serum iron and copper homeostasis predicts cognitive decline in mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , 2012 , 29, 341-50	4.3	33
27	Longitudinal metabolic and cognitive changes in mild cognitive impairment patients. <i>Alzheimer Disease and Associated Disorders</i> , 2008 , 22, 269-77	2.5	32

26	Assessing candidate serum biomarkers for Alzheimer's disease: a longitudinal study. <i>Journal of Alzheimer's Disease</i> , 2012 , 30, 311-21	4.3	26
25	The role of IKK β in Venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2014 , 9, e86745	3.7	26
24	Phosphoprotein stability in clinical tissue and its relevance for reverse phase protein microarray technology. <i>Methods in Molecular Biology</i> , 2011 , 785, 23-43	1.4	23
23	Improved data normalization methods for reverse phase protein microarray analysis of complex biological samples. <i>BioTechniques</i> , 2012 , 1-7	2.5	23
22	Inhibition of histone deacetylase 4 increases cytotoxicity of docetaxel in gastric cancer cells. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 924-31	3.1	19
21	Preliminary demonstration of an allelic association of the IREB2 gene with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006 , 9, 225-33	4.3	18
20	Inhibition of host extracellular signal-regulated kinase (ERK) activation decreases new world alphavirus multiplication in infected cells. <i>Virology</i> , 2014 , 468-470, 490-503	3.6	16
19	Immunophenotypes in the circulation of patients with mild cognitive impairment. <i>Journal of Psychiatric Research</i> , 2008 , 42, 240-6	5.2	16
18	Rapamycin modulation of p70 S6 kinase signaling inhibits Rift Valley fever virus pathogenesis. <i>Antiviral Research</i> , 2017 , 143, 162-175	10.8	14
17	Reduction of preanalytical variability in specimen procurement for molecular profiling. <i>Methods in Molecular Biology</i> , 2012 , 823, 49-57	1.4	13
16	Iron regulatory protein 2 is involved in brain copper homeostasis. <i>Journal of Alzheimer's Disease</i> , 2009 , 18, 201-10	4.3	11
15	Whole proteome analysis of mouse lymph nodes in cutaneous anthrax. <i>PLoS ONE</i> , 2014 , 9, e110873	3.7	9
14	A new model isolates glioblastoma clonal interactions and reveals unexpected modes for regulating motility, proliferation, and drug resistance. <i>Scientific Reports</i> , 2019 , 9, 17380	4.9	9
13	Stratification of clear cell renal cell carcinoma by signaling pathway analysis. <i>Expert Review of Proteomics</i> , 2014 , 11, 237-49	4.2	8
12	Proteomic strategies for the discovery of novel diagnostic and therapeutic targets for infectious diseases. <i>Pathogens and Disease</i> , 2014 , 71, 177-89	4.2	8
11	Regional dissection and determination of loosely bound and non-heme iron in the developing mouse brain. <i>Brain Research</i> , 2007 , 1158, 144-50	3.7	8
10	Local production of lactate, ribose phosphate, and amino acids within human triple-negative breast cancer. <i>Med</i> , 2021 , 2, 736-754	31.7	6
9	Using Laser Capture Microdissection to Isolate Cortical Laminae in Nonhuman Primate Brain. <i>Methods in Molecular Biology</i> , 2017 , 1606, 115-132	1.4	3

8	One-Step Preservation and Decalcification of Bony Tissue for Molecular Profiling. <i>Methods in Molecular Biology</i> , 2017 , 1606, 85-102	1.4	2
7	Evaluation of pathogen specific urinary peptides in tick-borne illnesses. <i>Scientific Reports</i> , 2020 , 10, 19340	4.9	2
6	Durability of Viral Neutralization in Asymptomatic Coronavirus Disease 2019 for at Least 60 Days. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1677-1680	7	2
5	Unlocking bone for proteomic analysis and FISH. <i>Laboratory Investigation</i> , 2019 , 99, 708-721	5.9	2
4	Proteomic Analysis of Cardioembolic and Large Artery Atherosclerotic Clots Using Reverse Phase Protein Array Technology Reveals Key Cellular Interactions Within Clot Microenvironments. <i>Cureus</i> , 2021 , 13, e13499	1.2	1
3	Combining the "Sibling Technologies" of Laser Capture Microdissection and Reverse Phase Protein Microarrays. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1188, 95-111	3.6	0
2	Reverse Phase Protein Microarray Technology: Advances into the Clinical Research Arena 2013 , 349-361		
1	Solid Pin Protein Array Printing Platforms. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1188, 61-75	3.6	