

Douglas K Brubaker

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

417
citations

933447

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1058476

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806
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell surface integrin $\alpha 5 \beta 1$ clustering negatively regulates receptor tyrosine kinase signaling in colorectal cancer cells via glycogen synthase kinase 3. <i>Integrative Biology (United Kingdom)</i> , 2021, 13, 153-166.	1.3	4
2	Computational Interspecies Translation Between Alzheimer's Disease Mouse Models and Human Subjects Identifies Innate Immune Complement, TYROBP, and TAM Receptor Agonist Signatures, Distinct From Influences of Aging. <i>Frontiers in Neuroscience</i> , 2021, 15, 727784.	2.8	4
3	Cross-species transcriptomic signatures predict response to MK2 inhibition in mouse models of chronic inflammation. <i>IScience</i> , 2021, 24, 103406.	4.1	3
4	An interspecies translation model implicates integrin signaling in infliximab-resistant inflammatory bowel disease. <i>Science Signaling</i> , 2020, 13, .	3.6	19
5	Coagulopathy signature precedes and predicts severity of end-organ heat stroke pathology in a mouse model. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1900-1910.	3.8	30
6	Translating preclinical models to humans. <i>Science</i> , 2020, 367, 742-743.	12.6	61
7	<i>Clostridioides difficile</i> -Associated Antibiotics Alter Human Mucosal Barrier Functions by Microbiome-Independent Mechanisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	7
8	Substrate-based kinase activity inference identifies MK2 as driver of colitis. <i>Integrative Biology (United Kingdom)</i> 13, 21	1.3	21
9	Proteogenomic Network Analysis of Context-Specific KRAS Signaling in Mouse-to-Human Cross-Species Translation. <i>Cell Systems</i> , 2019, 9, 258-270.e6.	6.2	44
10	Tissue-Specific Oncogenic Activity of KRAS146T. <i>Cancer Discovery</i> , 2019, 9, 738-755.	9.4	127
11	Computational translation of genomic responses from experimental model systems to humans. <i>PLoS Computational Biology</i> , 2019, 15, e1006286.	3.2	37
12	Integrated in vivo multiomics analysis identifies p21-activated kinase signaling as a driver of colitis. <i>Science Signaling</i> , 2018, 11, .	3.6	30
13	Integrated microRNA and mRNA network analysis of the human myometrial transcriptome in the transition from quiescence to labor. <i>Biology of Reproduction</i> , 2018, 98, 834-845.	2.7	18
14	Finding lost genes in GWAS via integrative omics analysis reveals novel sub-networks associated with preterm birth. <i>Human Molecular Genetics</i> , 2016, 25, ddd325.	2.9	12