

Laura Michalick

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

964
citations

840776

11
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. <i>Blood Advances</i> , 2022, 6, 1074-1087.	5.2	35
2	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	28.9	122
3	Key benefits of dexamethasone and antibody treatment in COVID-19 hamster models revealed by single-cell transcriptomics. <i>Molecular Therapy</i> , 2022, 30, 1952-1965.	8.2	20
4	<i>In Vitro</i> Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
5	Loss of Endothelial CFTR Drives Barrier Failure and Edema Formation in Lung Infection and Can Be Targeted by CFTR Potentiation. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021, 57, 2002384.	6.7	40
7	<i>In vitro</i> screening identifies TRPV4 as target for endothelial barrier stabilization in COVID-19. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
8	Right ventricular dysfunction in HFpEF is linked to altered cardiomyocyte Ca ²⁺ homeostasis and myofilament sensitivity. <i>ESC Heart Failure</i> , 2021, 8, 3130-3144.	3.1	12
9	Heteromeric TRP Channels in Lung Inflammation. <i>Cells</i> , 2021, 10, 1654.	4.1	11
10	The circadian clock regulates rhythmic erythropoietin expression in the murine kidney. <i>Kidney International</i> , 2021, 100, 1071-1080.	5.2	4
11	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , 2020, 11, 11-24.e4.	6.2	439
12	TRPV4: A Missing Link Between Mechanosensation and Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 413.	4.8	69
13	Sphingosine Kinase 1 Regulates Inflammation and Contributes to Acute Lung Injury in Pneumococcal Pneumonia via the Sphingosine-1-Phosphate Receptor 2. <i>Critical Care Medicine</i> , 2018, 46, e258-e267.	0.9	16
14	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. <i>Scientific Reports</i> , 2018, 8, 4878.	3.3	17
15	Transient Receptor Potential Vanilloid 4 and Serum Glucocorticoid-inducible Kinase 1 Are Critical Mediators of Lung Injury in Overventilated Mice <i>In Vivo</i> . <i>Anesthesiology</i> , 2017, 126, 300-311.	2.5	46
16	Role of Transient Receptor Potential Vanilloid 4 in Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 370-383.	2.9	95
17	Serum/glucocorticoid-inducible kinase (SGK) 1 and transient receptor potential vanilloid channel (TRPV) 4 mediate ventilation-induced endothelial Ca ²⁺ influx and barrier failure. <i>FASEB Journal</i> , 2015, 29, 863-8.	0.5	0
18	The E3 SUMO ligase Nse2 regulates sumoylation and nuclear-to-cytoplasmic translocation of skNAC-Smyd1 in myogenesis. <i>Journal of Cell Science</i> , 2014, 127, 3794-804.	2.0	23

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19	Ca ²⁺ entry via transient receptor potential vanilloid channel 4 mediates ventilation-induced lung vascular barrier failure (1176.3). FASEB Journal, 2014, 28, 1176.3.	0.5	0
20	Transient receptor potential cation channel vanilloid (TRPV) 4 in ventilator-induced lung injury (VILI). FASEB Journal, 2013, 27, 914.12.	0.5	3
21	Complement Activation Induces Excessive T Cell Cytotoxicity in Severe COVID-19. SSRN Electronic Journal, 0, , .	0.4	2