

Wei Chao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3595135/wei-chao-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,181
citations

16
h-index

34
g-index

40
ext. papers

1,402
ext. citations

5.3
avg, IF

4.55
L-index

#	Paper	IF	Citations
36	Brain innate immune response via miRNA-TLR7 sensing in polymicrobial sepsis. <i>Brain, Behavior, and Immunity</i> , 2021 , 100, 10-24	16.6	1
35	Hypobaric Exposure Worsens Cardiac Function and Endothelial Injury in AN Animal Model of Polytrauma: Implications for Aeromedical Evacuation. <i>Shock</i> , 2021 , 56, 601-610	3.4	1
34	Therapeutic Potential of Extracellular Vesicles for Sepsis Treatment. <i>Advanced Therapeutics</i> , 2021 , 4, 2000259	4.9	3
33	Targeting Toll-Like Receptors in Sepsis: From Bench to Clinical Trials. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 1324-1339	8.4	5
32	A Nonlethal Murine Flame Burn Model Leads to a Transient Reduction in Host Defenses and Enhanced Susceptibility to Lethal <i>Pseudomonas aeruginosa</i> Infection. <i>Infection and Immunity</i> , 2021 , 89, e0009121	3.7	0
31	Role of extracellular microRNA-146a-5p in host innate immunity and bacterial sepsis. <i>IScience</i> , 2021 , 24, 103441	6.1	0
30	Extracellular miR-146a-5p Induces Cardiac Innate Immune Response and Cardiomyocyte Dysfunction. <i>ImmunoHorizons</i> , 2020 , 4, 561-572	2.7	10
29	Enhanced Loading of Functional miRNA Cargo via pH Gradient Modification of Extracellular Vesicles. <i>Molecular Therapy</i> , 2020 , 28, 975-985	11.7	48
28	miR-19b targets pulmonary endothelial syndecan-1 following hemorrhagic shock. <i>Scientific Reports</i> , 2020 , 10, 15811	4.9	7
27	Toll-like receptors 2 and 7 mediate coagulation activation and coagulopathy in murine sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 1683-1693	15.4	11
26	Toll-like Receptor 7 Contributes to Inflammation, Organ Injury, and Mortality in Murine Sepsis. <i>Anesthesiology</i> , 2019 , 131, 105-118	4.3	14
25	Importance of the Complement Alternative Pathway in Serum Chemotactic Activity During Sepsis. <i>Shock</i> , 2018 , 50, 435-441	3.4	7
24	Lipopeptide PAM3CYS4 Synergizes N-Formyl-Met-Leu-Phe (fMLP)-Induced Calcium Transients in Mouse Neutrophils. <i>Shock</i> , 2018 , 50, 493-499	3.4	0
23	Circulating Plasma Extracellular Vesicles from Septic Mice Induce Inflammation via MicroRNA- and TLR7-Dependent Mechanisms. <i>Journal of Immunology</i> , 2018 , 201, 3392-3400	5.3	50
22	Theranostic Nucleic Acid Binding Nanoprobe Exerts Anti-inflammatory and Cytoprotective Effects in Ischemic Injury. <i>Theranostics</i> , 2017 , 7, 814-825	12.1	14
21	Extracellular MicroRNAs Induce Potent Innate Immune Responses via TLR7/MyD88-Dependent Mechanisms. <i>Journal of Immunology</i> , 2017 , 199, 2106-2117	5.3	50
20	Reduced Expression of SARM in Mouse Spleen during Polymicrobial Sepsis. <i>Inflammation</i> , 2016 , 39, 1930-1938	5.19	3

19	Splenic RNA and MicroRNA Mimics Promote Complement Factor B Production and Alternative Pathway Activation via Innate Immune Signaling. <i>Journal of Immunology</i> , 2016 , 196, 2788-98	5.3	25
18	The role of myeloid differentiation factor 88 on mitochondrial dysfunction of peritoneal leukocytes during polymicrobial sepsis. <i>Central-European Journal of Immunology</i> , 2016 , 41, 153-8	1.6	
17	Functional and anatomical characterization of brown adipose tissue in heart failure with blood oxygen level dependent magnetic resonance. <i>NMR in Biomedicine</i> , 2016 , 29, 978-84	4.4	8
16	Functional brown adipose tissue limits cardiomyocyte injury and adverse remodeling in catecholamine-induced cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 84, 202-11	5.8	41
15	Cardiac RNA induces inflammatory responses in cardiomyocytes and immune cells via Toll-like receptor 7 signaling. <i>Journal of Biological Chemistry</i> , 2015 , 290, 26688-98	5.4	39
14	Extracellular RNA Induces Complement Factor B in Macrophages via MyD88. <i>FASEB Journal</i> , 2015 , 29, 507.9	0.9	
13	¹⁸ F-FDG kinetics parameters depend on the mechanism of injury in early experimental acute respiratory distress syndrome. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1871-7	8.9	25
12	Role of extracellular RNA and TLR3-Trif signaling in myocardial ischemia-reperfusion injury. <i>Journal of the American Heart Association</i> , 2014 , 3, e000683	6	108
11	Complement factor B is the downstream effector of TLRs and plays an important role in a mouse model of severe sepsis. <i>Journal of Immunology</i> , 2013 , 191, 5625-35	5.3	60
10	Septic cardiomyopathy is improved by enhancing cardiomyocyte denitrosylation capacity. <i>FASEB Journal</i> , 2013 , 27, 921.8	0.9	
9	Interplay between complement factor B and Toll-like receptors and its role in septic cardiomyopathy. <i>FASEB Journal</i> , 2013 , 27, 652.6	0.9	
8	Myocardial ischemia activates an injurious innate immune signaling via cardiac heat shock protein 60 and Toll-like receptor 4. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31308-19	5.4	115
7	Bone marrow MyD88 signaling modulates neutrophil function and ischemic myocardial injury. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 299, C760-9	5.4	39
6	Toll-like receptor signaling: a critical modulator of cell survival and ischemic injury in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1-12	5.2	226
5	Innate immune adaptor MyD88 mediates neutrophil recruitment and myocardial injury after ischemia-reperfusion in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H1311-H1318	5.2	103
4	Lipopolysaccharide improves cardiomyocyte survival and function after serum deprivation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 21997-2005	5.4	53
3	Fas-associated death-domain protein inhibits TNF-alpha mediated NF-kappaB activation in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H2073-80	5.2	9
2	Strategic advantages of insulin-like growth factor-I expression for cardioprotection. <i>Journal of Gene Medicine</i> , 2003 , 5, 277-86	3.5	55

- 1 Importance of FADD signaling in serum deprivation- and hypoxia-induced cardiomyocyte apoptosis. *Journal of Biological Chemistry*, **2002**, 277, 31639-45 5-4 5¹