Yi Ren

List of Publications by Year
in descending order

47 papers	2,960 citations	236925 25 h-index	214800 47 g-index
48 all docs	48 docs citations	48 times ranked	4405 citing authors

#	Article	IF	Citations
1	Apoptosis: The importance of being eaten. Cell Death and Differentiation, 1998, 5, 563-568.	11.2	326
2	Increased apoptotic neutrophils and macrophages and impaired macrophage phagocytic clearance of apoptotic neutrophils in systemic lupus erythematosus. Arthritis and Rheumatism, 2003, 48, 2888-2897.	6.7	300
3	Function of microglia and macrophages in secondary damage after spinal cord injury. Neural Regeneration Research, 2014, 9, 1787.	3.0	212
4	Macrophages in spinal cord injury: Phenotypic and functional change from exposure to myelin debris. Glia, 2015, 63, 635-651.	4.9	209
5	Spinal Microgliosis Due to Resident Microglial Proliferation Is Required for Pain Hypersensitivity after Peripheral Nerve Injury. Cell Reports, 2016, 16, 605-614.	6.4	187
6	Microvascular endothelial cells engulf myelin debris and promote macrophage recruitment and fibrosis after neural injury. Nature Neuroscience, 2019, 22, 421-435.	14.8	150
7	Multiple organ dysfunction and systemic inflammation after spinal cord injury: a complex relationship. Journal of Neuroinflammation, 2016, 13, 260.	7.2	141
8	Apoptotic Cells Protect Mice against Lipopolysaccharide-Induced Shock. Journal of Immunology, 2008, 180, 4978-4985.	0.8	125
9	Nonphlogistic Clearance of Late Apoptotic Neutrophils by Macrophages: Efficient Phagocytosis Independent of Î²2 Integrins. Journal of Immunology, 2001, 166, 4743-4750.	0.8	101
10	Myelin Activates FAK/Akt/NF-ÎºB Pathways and Provokes CR3-Dependent Inflammatory Response in Murine System. PLoS ONE, 2010, 5, e9380.	2.5	99
11	Managing Inflammation after Spinal Cord Injury through Manipulation of Macrophage Function. Neural Plasticity, 2013, 2013, 1-9.	2.2	92
12	Upregulation of macrophage migration inhibitory factor contributes to induced N-Myc expression by the activation of ERK signaling pathway and increased expression of interleukin-8 and VEGF in neuroblastoma. Oncogene, 2004, 23, 4146-4154.	5.9	84
13	Anti-Inflammatory Mechanism of Neural Stem Cell Transplantation in Spinal Cord Injury. International Journal of Molecular Sciences, 2016, 17, 1380.	4.1	80
14	circAMOTL1 Motivates AMOTL1 Expression to Facilitate Cervical Cancer Growth. Molecular Therapy - Nucleic Acids, 2020, 19, 50-60.	5.1	62
15	circRNA-AKT1 Sequesters miR-942-5p to Upregulate AKT1 and Promote Cervical Cancer Progression. Molecular Therapy - Nucleic Acids, 2020, 20, 308-322.	5.1	54
16	The use of proteomics in the discovery of serum biomarkers from patients with severe acute respiratory syndrome. Proteomics, 2004, 4, 3477-3484.	2.2	52
17	Bioinformatic analysis reveals the expression of unique transcriptomic signatures in Zika virus infected human neural stem cells. Cell and Bioscience, 2016, 6, 42.	4.8	51
18	Rescuing macrophage normal function in spinal cord injury with embryonic stem cell conditioned media. Molecular Brain, 2016, 9, 48.	2.6	45

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19	Neural Stem Cell-Conditioned Medium Suppresses Inflammation and Promotes Spinal Cord Injury Recovery. Cell Transplantation, 2017, 26, 469-482.	2.5	43
20	MIF Produced by Bone Marrowâ€“Derived Macrophages Contributes to Teratoma Progression after Embryonic Stem Cell Transplantation. Cancer Research, 2012, 72, 2867-2878.	0.9	40
21	Smad3 deficiency protects mice from obesity-induced podocyte injury that precedes insulin resistance. Kidney International, 2015, 88, 286-298.	5.2	39
22	Smad4 promotes diabetic nephropathy by modulating glycolysis and <scp>OXPHOS</scp>. EMBO Reports, 2020, 21, e48781.	4.5	39
23	For Better or for Worse: A Look Into Neutrophils in Traumatic Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2021, 15, 648076.	3.7	35
24	Poly(dopamine)-modified carbon nanotube multilayered film and its effects on macrophages. Carbon, 2017, 113, 176-191.	10.3	34
25	An hPSC-Derived Tissue-Resident Macrophage Model Reveals Differential Responses of Macrophages to ZIKV and DENV Infection. Stem Cell Reports, 2018, 11, 348-362.	4.8	32
26	Embryonic Stem Cells Promoting Macrophage Survival and Function are Crucial for Teratoma Development. Frontiers in Immunology, 2014, 5, 275.	4.8	28
27	Activating Adiponectin Signaling with Exogenous AdipoRon Reduces Myelin Lipid Accumulation and Suppresses Macrophage Recruitment after Spinal Cord Injury. Journal of Neurotrauma, 2019, 36, 903-918.	3.4	28
28	HPV16 E7â€induced upregulation of KDM2A promotes cervical cancer progression by regulating miRâ€132â€“radixin pathway. Journal of Cellular Physiology, 2019, 234, 2659-2671.	4.1	26
29	Regulation of Renal Fibrosis by Smad3 Thr388 Phosphorylation. American Journal of Pathology, 2014, 184, 944-952.	3.8	24
30	Myelin Basic Protein Induces Neuron-Specific Toxicity by Directly Damaging the Neuronal Plasma Membrane. PLoS ONE, 2014, 9, e108646.	2.5	24
31	In Vitro Phagocytosis of Myelin Debris by Bone Marrow-Derived Macrophages. Journal of Visualized Experiments, 2017, , .	0.3	23
32	Hsa_circ_0048179 attenuates free fatty acid-induced steatosis via hsa_circ_0048179/miR-188-3p/GPX4 signaling. Aging, 2020, 12, 23996-24008.	3.1	22
33	Combined Blockade of Smad3 and JNK Pathways Ameliorates Progressive Fibrosis in Folic Acid Nephropathy. Frontiers in Pharmacology, 2019, 10, 880.	3.5	20
34	The Smad3/Smad4/CDK9 complex promotes renal fibrosis in mice with unilateral ureteral obstruction. Kidney International, 2015, 88, 1323-1335.	5.2	18
35	Long non-coding RNA RP11-552M11.4 favors tumorigenesis and development of cervical cancer via modulating miR-3941/ATF1 signaling. International Journal of Biological Macromolecules, 2019, 130, 24-33.	7.5	17
36	HPV16 E6 oncoproteinâ€induced upregulation of lncRNA GABPB1â€AS1 facilitates cervical cancer progression by regulating miRâ€519eâ€5p/Notch2 axis. FASEB Journal, 2020, 34, 13211-13223.	0.5	17

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37	Catalase-Laden Microdevices for Cell-Mediated Enzyme Delivery. Langmuir, 2016, 32, 13386-13393.	3.5	14
38	Sphingolipids in spinal cord injury. International Journal of Physiology, Pathophysiology and Pharmacology, 2016, 8, 52-69.	0.8	14
39	Myelin Debris Stimulates NG2/CSPG4 Expression in Bone Marrow-Derived Macrophages in the Injured Spinal Cord. Frontiers in Cellular Neuroscience, 2021, 15, 651827.	3.7	13
40	Macrophage cell death upon intracellular bacterial infection. Macrophage, 2015, 2, e779.	1.0	10
41	Human papillomavirus type 16 E7 oncoprotein-induced upregulation of lysine-specific demethylase 5A promotes cervical cancer progression by regulating the microRNA-424â€"5p/suppressor of zeste 12 pathway. Experimental Cell Research, 2020, 396, 112277.	2.6	8
42	Integrin Î²3/Akt signaling contributes to platelet-induced hemangioendothelioma growth. Scientific Reports, 2017, 7, 6455.	3.3	7
43	Specific labelling of phagosome-derived vesicles in macrophages with a membrane dye delivered with microfabricated microparticles. Acta Biomaterialia, 2022, 141, 344-353.	8.3	4
44	Abrogation of Endogenous Glycolipid Antigen Presentation on Myelin-Laden Macrophages by D-Sphingosine Ameliorates the Pathogenesis of Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2019, 10, 404.	4.8	3
45	Conjugating Micropatches to Living Cells Through Membrane Intercalation. ACS Applied Materials & Interfaces, 2020, 12, 29110-29121.	8.0	3
46	Rapid Identification and Characterization of Francisella by Molecular Biology and Other Techniques. Open Microbiology Journal, 2016, 10, 64-77.	0.7	3
47	FLT3L and granulocyte macrophage colony-stimulating factor enhance the anti-tumor and immune effects of an HPV16 E6/E7 vaccine. Aging, 2019, 11, 11893-11904.	3.1	2