Yijen L Wu

List of Publications by Year
in descending order

33 papers	1,876 citations	471509 17 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	2309 citing authors

#	Article	IF	Citations
1	In situ labeling of immune cells with iron oxide particles: An approach to detect organ rejection by cellular MRI. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1852-1857.	7.1	599
2	Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. Nature Chemical Biology, 2020, 16, 278-290.	8.0	299
3	The complex genetics of hypoplastic left heart syndrome. Nature Genetics, 2017, 49, 1152-1159.	21.4	177
4	Mapping immune cell infiltration using restricted diffusion <scp>MRI</scp>. Magnetic Resonance in Medicine, 2017, 77, 603-612.	3.0	100
5	Control of cytokinesis by Î²-adrenergic receptors indicates an approach for regulating cardiomyocyte endowment. Science Translational Medicine, 2019, 11, .	12.4	73
6	Longitudinal Tracking of Recipient Macrophages in a Rat Chronic Cardiac Allograft Rejection Model With Noninvasive Magnetic Resonance Imaging Using Micrometer-Sized Paramagnetic Iron Oxide Particles. Circulation, 2008, 118, 149-156.	1.6	66
7	Noninvasive Evaluation of Cardiac Allograft Rejection by Cellular and Functional Cardiac Magnetic Resonance. JACC: Cardiovascular Imaging, 2009, 2, 731-741.	5.3	61
8	Lamin B2 Levels Regulate Polyploidization of Cardiomyocyte Nuclei and Myocardial Regeneration. Developmental Cell, 2020, 53, 42-59.e11.	7.0	57
9	Chitinase-3-like 1 protein complexes modulate macrophage-mediated immune suppression in glioblastoma. Journal of Clinical Investigation, 2021, 131, .	8.2	49
10	The Genetic Landscape of Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2018, 39, 1069-1081.	1.3	44
11	Metabolic Syndrome Mediates ROS-miR-193b-NFYAâ€“Dependent Downregulation of Soluble Guanylate Cyclase and Contributes to Exercise-Induced Pulmonary Hypertension in Heart Failure With Preserved Ejection Fraction. Circulation, 2021, 144, 615-637.	1.6	44
12	Magnetic Resonance Imaging Investigation of Macrophages in Acute Cardiac Allograft Rejection After Heart Transplantation. Circulation: Cardiovascular Imaging, 2013, 6, 965-973.	2.6	36
13	Cardiac Targeting Peptide, a Novel Cardiac Vector: Studies in Bio-Distribution, Imaging Application, and Mechanism of Transduction. Biomolecules, 2018, 8, 147.	4.0	35
14	A porcine model of phenylketonuria generated by CRISPR/Cas9 genome editing. JCI Insight, 2020, 5, .	5.0	29
15	Preclinical Dosimetry, Imaging, and Targeted Radionuclide Therapy Studies of Lu-177-Labeled Albumin-Binding, PSMA-Targeted CTT1403. Molecular Imaging and Biology, 2020, 22, 274-284.	2.6	22
16	Cardiovascular Development and Congenital Heart Disease Modeling in the Pig. Journal of the American Heart Association, 2021, 10, e021631.	3.7	21
17	Endothelial-Derived miR-17â^¼92 Promotes Angiogenesis to Protect against Renal Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2021, 32, 553-562.	6.1	20
18	Cellular and Functional Imaging of Cardiac Transplant Rejection. Current Cardiovascular Imaging Reports, 2011, 4, 50-62.	0.6	18

#	Article	IF	Citations
19	Neuregulin-1 Administration Protocols Sufficient for Stimulating Cardiac Regeneration in Young Mice Do Not Induce Somatic, Organ, or Neoplastic Growth. PLoS ONE, 2016, 11, e0155456.	2.5	17
20	Loss of MAT2A compromises methionine metabolism and represents a vulnerability in H3K27M mutant glioma by modulating the epigenome. Nature Cancer, 2022, 3, 629-648.	13.2	16
21	Metabolic Changes in Early Poststatus Epilepticus Measured by MR Spectroscopy in Rats. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1862-1870.	4.3	11
22	Loss ofAnks6leads to YAP deficiency and liver abnormalities. Human Molecular Genetics, 2020, 29, 3064-3080.	2.9	11
23	Phenotyping cardiac and structural birth defects in fetal and newborn mice. Birth Defects Research, 2017, 109, 778-790.	1.5	10
24	Commercial 4-dimensional echocardiography for murine heart volumetric evaluation after myocardial infarction. Cardiovascular Ultrasound, 2020, 18, 9.	1.6	10
25	Differential effect of anesthetics on mucociliary clearance in vivo in mice. Scientific Reports, 2021, 11, 4896.	3.3	10
26	Diverse application of MRI for mouse phenotyping. Birth Defects Research, 2017, 109, 758-770.	1.5	9
27	Early Axonal Injury and Delayed Cytotoxic Cerebral Edema are Associated with Microglial Activation in a Mouse Model of Sepsis. Shock, 2020, 54, 256-264.	2.1	9
28	Common deletion variants causing protocadherin-Î± deficiency contribute to the complex genetics of BAV and left-sided congenital heart disease. Human Genetics and Genomics Advances, 2021, 2, 100037.	1.7	7
29	Metabolic injury in a variable rat model of postâ€“status epilepticus. Epilepsia, 2016, 57, 1978-1986.	5.1	6
30	Development and characterization of a mouse model for Acad9 deficiency. Molecular Genetics and Metabolism, 2021, 134, 156-163.	1.1	6
31	MRI Investigation of New Approach to Improve the Recovery of Myocardial Ischemia Reperfusion Injury by Treatment with Intralipid®. World Journal of Cardiovascular Diseases, 2016, 06, 352-371.	0.2	2
32	Cardiac MRI Assessment of Mouse Myocardial Infarction and Regeneration. Methods in Molecular Biology, 2021, 2158, 81-106.	0.9	2
33	Genetic resiliency associated with dominant lethal TPM1 mutation causing atrial septal defect with high heritability. Cell Reports Medicine, 2022, 3, 100501.	6.5	0