

John Y Chiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6567962/publications.pdf>

Version: 2024-02-01

93
papers

1,910
citations

489802

18
h-index

325983

40
g-index

94
all docs

94
docs citations

94
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	Valsartan- and melatonin-supported adipose-derived mesenchymal stem cells preserve renal function in chronic kidney disease rat through upregulation of prion protein participated in promoting PI3K-Akt-mTOR signaling and cell proliferation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112551.	2.5	16
2	Extracorporeal Shock Wave Therapy Salvages Critical Limb Ischemia in B6 Mice through Upregulating Cell Proliferation Signaling and Angiogenesis. <i>Biomedicines</i> , 2022, 10, 117.	1.4	7
3	Cellular Prion Protein Is Essential for Myocardial Regeneration but Not the Recovery of Left Ventricular Function from Apical Ballooning. <i>Biomedicines</i> , 2022, 10, 167.	1.4	4
4	Combined levosimendan and Sacubitril/Valsartan markedly protected the heart and kidney against cardiorenal syndrome in rat. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112745.	2.5	2
5	Intrarenal arterial administration of human umbilical cord-derived mesenchymal stem cells effectively preserved the residual renal function of diabetic kidney disease in rat. <i>Stem Cell Research and Therapy</i> , 2022, 13, 186.	2.4	9
6	Risk of major adverse cardiovascular and cerebrovascular events in Taiwanese women with endometriosis. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 327-336.	0.8	13
7	Dipeptidyl peptidase 4 promotes peritoneal fibrosis and its inhibitions prevent failure of peritoneal dialysis. <i>Communications Biology</i> , 2021, 4, 144.	2.0	11
8	Multimodal Deep Learning and Visible-Light and Hyperspectral Imaging for Fruit Maturity Estimation. <i>Sensors</i> , 2021, 21, 1288.	2.1	44
9	The tongue features associated with chronic kidney disease. <i>Medicine (United States)</i> , 2021, 100, e25037.	0.4	5
10	Synergic effect of combined cyclosporin and melatonin protects the brain against acute ischemic reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111266.	2.5	2
11	Investigation of echocardiographic characteristics and predictors for persistent defects of patent foramen ovale or patent ductus arteriosus in Chinese newborns. <i>Biomedical Journal</i> , 2021, 44, 209-216.	1.4	5
12	Combined tacrolimus and melatonin effectively protected kidney against acute ischemia-reperfusion injury. <i>FASEB Journal</i> , 2021, 35, e21661.	0.2	7
13	Quality and quantity culture effectively restores functional and proliferative capacities of endothelial progenitor cell in end-stage renal disease patients. <i>Stem Cell Research</i> , 2021, 53, 102264.	0.3	2
14	Umbilical cord-derived MSC and hyperbaric oxygen therapy effectively protected the brain in rat after acute intracerebral haemorrhage. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5640-5654.	1.6	10
15	Double overexpression of miR-19a and miR-20a in induced pluripotent stem cell-derived mesenchymal stem cells effectively preserves the left ventricular function in dilated cardiomyopathic rat. <i>Stem Cell Research and Therapy</i> , 2021, 12, 371.	2.4	4
16	Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7675-7689.	1.6	7
17	Combined melatonin-adipose derived mesenchymal stem cells therapy effectively protected the testis from testicular torsion-induced ischemia-reperfusion injury. <i>Stem Cell Research and Therapy</i> , 2021, 12, 370.	2.4	8
18	Melatonin rescues cerebral ischemic events through upregulated tunneling nanotube-mediated mitochondrial transfer and downregulated mitochondrial oxidative stress in rat brain. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111593.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Multi-Input Deep Learning Model with RGB and Hyperspectral Imaging for Banana Grading. Agriculture (Switzerland), 2021, 11, 687.	1.4	16
20	Extracorporeal Shock Wave Enhanced Exogenous Mitochondria into Adipose-Derived Mesenchymal Stem Cells and Further Preserved Heart Function in Rat Dilated Cardiomyopathy. Biomedicines, 2021, 9, 1362.	1.4	2
21	Early treatment with combination of SS31 and entresto effectively preserved the heart function in doxorubicin-induced dilated cardiomyopathic rat. Biomedicine and Pharmacotherapy, 2021, 141, 111886.	2.5	5
22	Combined high energy of extracorporeal shock wave and 5-FU effectively suppressed the proliferation and growth of tongue squamous cell carcinoma. Biomedicine and Pharmacotherapy, 2021, 142, 112036.	2.5	2
23	Entresto protected the cardiomyocytes and preserved heart function in cardiorenal syndrome rat fed with high-protein diet through regulating the oxidative stress and Mfn2-mediated mitochondrial functional integrity. Biomedicine and Pharmacotherapy, 2021, 144, 112244.	2.5	15
24	Extracorporeal Shock Wave Therapy Protected the Functional and Architectural Integrity of Rodent Urinary Bladder against Ketamine-Induced Damage. Biomedicines, 2021, 9, 1391.	1.4	3
25	Additional benefit of induced pluripotent stem cell-derived mesenchymal stem cell therapy on sepsis syndrome-associated acute kidney injury in rat treated with antibiotic. Stem Cell Research and Therapy, 2021, 12, 526.	2.4	1
26	Automatic segmentation of paravertebral muscles in abdominal CT scan by U-Net. Medicine (United States), 2020, 99, e20471.	0.4	5
27	A Perspective on Tongue Diagnosis in Patients with Breast Cancer. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	0.5	3
28	Xenogeneic and Allogeneic Mesenchymal Stem Cells Effectively Protect the Lung Against Ischemia-reperfusion Injury Through Downregulating the Inflammatory, Oxidative Stress, and Autophagic Signaling Pathways in Rat. Cell Transplantation, 2020, 29, 096368972095414.	1.2	18
29	Dipeptidyl Peptidase-4 deficiency effectively protects the brain and neurological function in rodent after acute Hemorrhagic Stroke. International Journal of Biological Sciences, 2020, 16, 3116-3132.	2.6	4
30	Baseline factors identified for the prediction of good responders in patients with end-stage diffuse coronary artery disease undergoing intracoronary CD34+ cell therapy. Stem Cell Research and Therapy, 2020, 11, 324.	2.4	2
31	Jagged2 progressively increased expression from Stage I to III of Bladder Cancer and Melatonin-mediated downregulation of Notch/Jagged2 suppresses the Bladder Tumorigenesis via inhibiting PI3K/AKT/mTOR/MMPs signaling. International Journal of Biological Sciences, 2020, 16, 2648-2662.	2.6	17
32	Hepatic ³¹ P-magnetic resonance spectroscopy identified the impact of melatonin-pretreated mitochondria in acute liver ischaemia-reperfusion injury. Journal of Cellular and Molecular Medicine, 2020, 24, 10088-10099.	1.6	13
33	Tongue diagnosis indices for gastroesophageal reflux disease. Medicine (United States), 2020, 99, e20471.	0.4	12
34	Melatonin against acute ischaemic stroke dependently via suppressing both inflammatory and oxidative stress downstream signalling. Journal of Cellular and Molecular Medicine, 2020, 24, 10402-10419.	1.6	15
35	Circulatory Rejuvenated EPCs Derived from PAOD Patients Treated by CD34+ Cells and Hyperbaric Oxygen Therapy Salvaged the Nude Mouse Limb against Critical Ischemia. International Journal of Molecular Sciences, 2020, 21, 7887.	1.8	5
36	Losing Regulation of the Extracellular Matrix is Strongly Predictive of Unfavorable Prognostic Outcome after Acute Myocardial Infarction. International Journal of Molecular Sciences, 2020, 21, 6219.	1.8	7

#	ARTICLE	IF	CITATIONS
37	Intra-carotid arterial transfusion of circulatory-derived autologous endothelial progenitor cells in rodent after ischemic strokeâ€”evaluating the impact of therapeutic time points on prognostic outcomes. <i>Stem Cell Research and Therapy</i> , 2020, 11, 219.	2.4	7
38	Soluble ST2 is a Useful Biomarker for Grading Cerebralâ€”Cardiac Syndrome in Patients after Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2020, 9, 489.	1.0	4
39	Long-term effect of extracorporeal shock wave therapy on attenuating radiation-induced chronic cystitis in rat. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 999-1015.	0.0	2
40	The combination of G9a histone methyltransferase inhibitors with erythropoietin protects heart against damage from acute myocardial infarction. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 3255-3271.	0.0	2
41	The tongue features associated with type 2 diabetes mellitus. <i>Medicine (United States)</i> , 2019, 98, e15567.	0.4	40
42	Level and Value of T Cell-derived Circulating Microparticles in Liver Cirrhosis Patients. <i>In Vivo</i> , 2019, 33, 2265-2272.	0.6	1
43	Preactivated and disaggregated shapeâ€”changed platelets protect kidney against from ischemiaâ€”reperfusion injury in rat through attenuating inflammation reaction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 2155-2168.	1.3	8
44	Gender- and age-dependent tongue features in a community-based population. <i>Medicine (United States)</i> , 2019, 98, e18350.	0.4	13
45	Risk of Venous Thromboembolic Events in Patients with Osteonecrosis of the Femoral Head Undergoing Primary Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , 2019, 8, 2158.	1.0	2
46	Extracorporeal shock wave-assisted adipose-derived fresh stromal vascular fraction restores the blood flow of critical limb ischemia in rat. <i>Vascular Pharmacology</i> , 2019, 113, 57-69.	1.0	6
47	Sitagliptin and shock wave-supported peripheral blood derived endothelial progenitor cell therapy effectively preserves residual renal function in chronic kidney disease in ratâ€”role of dipeptidyl peptidase 4 inhibition. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1088-1102.	2.5	12
48	Long-term Therapeutic Effects of Extracorporeal Shock Wave-Assisted Melatonin Therapy on Mononeuropathic Pain in Rats. <i>Neurochemical Research</i> , 2019, 44, 796-810.	1.6	13
49	Synergistic effect of combined melatonin and adipose-derived mesenchymal stem cell (ADMSC)-derived exosomes on amelioration of dextran sulfate sodium (DSS)-induced acute colitis. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 2706-2724.	0.0	11
50	Adipose-derived mesenchymal stem cell-derived exosomes markedly protected the brain against sepsis syndrome induced injury in rat. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 3955-3971.	0.0	26
51	Human induced pluripotent stem cell-derived mesenchymal stem cell therapy effectively reduced brain infarct volume and preserved neurological function in rat after acute intracranial hemorrhage. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 6232-6248.	0.0	9
52	Early administration of cold water and adipose derived mesenchymal stem cell derived exosome effectively protects the heart from ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5375-5389.	0.0	9
53	The Five-Year Clinical and Angiographic Follow-Up Outcomes of Intracoronary Transfusion of Circulation-Derived CD34+ Cells for Patients With End-Stage Diffuse Coronary Artery Disease Unsuitable for Coronary Interventionâ€”Phase I Clinical Trial. <i>Critical Care Medicine</i> , 2018, 46, e411-e418.	0.4	26
54	Nationwide study on the risk of unprovoked venous thromboembolism in non-traumatic osteonecrosis of femoral head. <i>International Orthopaedics</i> , 2018, 42, 1469-1478.	0.9	8

#	ARTICLE	IF	CITATIONS
55	Combined Therapy with Extracorporeal Shock Wave and Adipose-Derived Mesenchymal Stem Cells Remarkably Improved Acute Ischemia-Reperfusion Injury of Quadriceps Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	19
56	Entresto therapy effectively protects heart and lung against transverse aortic constriction induced cardiopulmonary syndrome injury in rat. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2290-2305.	0.0	6
57	Intra-carotid arterial transfusion of autologous circulatory derived CD34+ cells for old ischemic stroke patients - a phase I clinical trial to evaluate safety and tolerability. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2975-2989.	0.0	6
58	Digital education and dynamic assessment of tongue diagnosis based on Mashup technique. <i>Chinese Journal of Integrative Medicine</i> , 2017, , 1.	0.7	4
59	Melatonin enhances survival and preserves functional integrity of stem cells: A review. <i>Journal of Pineal Research</i> , 2017, 62, e12372.	3.4	33
60	Risk of aortic aneurysm and dissection in patients with autosomal-dominant polycystic kidney disease: a nationwide population-based cohort study. <i>Oncotarget</i> , 2017, 8, 57594-57604.	0.8	30
61	Ubiquitous Emergency Medical Service System Based on Wireless Biosensors, Traffic Information, and Wireless Communication Technologies: Development and Evaluation. <i>Sensors</i> , 2017, 17, 202.	2.1	20
62	The Relationship between Ischemic Stroke Patients with and without Retroflex Tongue: A Retrospective Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-7.	0.5	5
63	An association between autosomal-dominant polycystic kidney disease and the risk of acute myocardial infarction in Asian population – results of a nationwide study. <i>Oncotarget</i> , 2017, 8, 19365-19375.	0.8	9
64	Investigated the safety of intra-renal arterial transfusion of autologous CD34+ cells and time courses of creatinine levels, endothelial dysfunction biomarkers and micro-RNAs in chronic kidney disease patients-phase I clinical trial. <i>Oncotarget</i> , 2017, 8, 17750-17762.	0.8	31
65	Extracorporeal shock wave treatment attenuated left ventricular dysfunction and remodeling in mini-pig with cardiorenal syndrome. <i>Oncotarget</i> , 2017, 8, 54747-54763.	0.8	11
66	Combined renin-angiotensin-aldosterone system blockade and statin therapy effectively reduces the risk of cerebrovascular accident in autosomal dominant polycystic kidney disease: a nationwide population-based cohort study. <i>Oncotarget</i> , 2017, 8, 61570-61582.	0.8	4
67	SmartCam to see through darkness. , 2016, , .		0
68	The association between arterial stiffness and tongue manifestations of blood stasis in patients with type 2 diabetes. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 324.	3.7	25
69	Secure Access Control Method for Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 261906.	1.3	8
70	Scheduling Problems with Due Date Assignment. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-2.	0.5	2
71	Nondestructive and intuitive determination of circadian chlorophyll rhythms in soybean leaves using multispectral imaging. <i>Scientific Reports</i> , 2015, 5, 11108.	1.6	46
72	Education of Chinese medicine tongue diagnosis by automatic tongue diagnosis system. <i>Chinese Journal of Integrative Medicine</i> , 2015, , 1.	0.7	7

#	ARTICLE	IF	CITATIONS
73	Efficacy and safety of acupuncture for dizziness and vertigo in emergency department: a pilot cohort study. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 173.	3.7	26
74	TCM tongue diagnosis index of early-stage breast cancer. <i>Complementary Therapies in Medicine</i> , 2015, 23, 705-713.	1.3	42
75	Rheumatoid arthritis increases the risk of deep vein thrombosis and pulmonary thromboembolism: a nationwide cohort study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1774-1780.	0.5	155
76	Mixing PSO and Tabu search technique and its application to estimation of carrier frequency offsets for uplink OFDMA system. , 2014, , .		0
77	Stability analysis for singularly perturbed differential equations by the upwind difference scheme. <i>Numerical Methods for Partial Differential Equations</i> , 2014, 30, 1595-1613.	2.0	0
78	Diabetes with pyogenic liver abscessâ€™A perspective on tongue assessment in traditional Chinese medicine. <i>Complementary Therapies in Medicine</i> , 2014, 22, 341-348.	1.3	20
79	Automatic Sublingual Vein Feature Extraction System. , 2014, , .		4
80	Collocation Trefftz methods for the stokes equations with singularity. <i>Numerical Methods for Partial Differential Equations</i> , 2013, 29, 361-395.	2.0	4
81	Null Field and Interior Field Methods for Laplaceâ€™s Equation in Actually Punctured Disks. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-15.	0.3	4
82	Joint Channel Estimation and Multi-user Detection for OFDMA Systems Using a Genetic Algorithm with Simulated Annealing-Based Mutation. , 2013, , .		2
83	Breast Cancer Index: A Perspective on Tongue Diagnosis in Traditional Chinese Medicine. <i>Journal of Traditional and Complementary Medicine</i> , 2013, 3, 194-203.	1.5	23
84	Tongue diagnosis of traditional chinese medicine for Rheumatoid Arthritis. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2013, 10, 360-9.	0.3	23
85	Visual Agreement Analyses of Traditional Chinese Medicine: A Multiple-Dimensional Scaling Approach. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-5.	0.5	15
86	Healthcare for patients with interstitial cystitis/bladder pain syndrome based on internet health education. , 2012, , .		2
87	Underwater Image Enhancement by Wavelength Compensation and Dehazing. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 1756-1769.	6.0	719
88	Three-dimensional Vision-based Nail-fold Morphological and Hemodynamic Analysis. , 2011, , .		10
89	New splitting algorithms for geometric transformations of digital images and their error analysis. <i>International Journal of Imaging Systems and Technology</i> , 2011, 21, 323-335.	2.7	0
90	Automatic tongue feature extraction. , 2010, , .		12

#	ARTICLE	IF	CITATIONS
91	Immersive surveillance for total situational awareness. , 2010, , .		4
92	Automatic Tongue Diagnosis System. , 2009, , .		7
93	A Spatial Similarity Ranking Framework for Symbolic Pictures Retrieval. , 2008, , .		1