

Xiaowei Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

951
citations

623734

14
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia and hypoxia-inducible factors in diabetes and its complications. <i>Diabetologia</i> , 2021, 64, 709-716.	6.3	171
2	Disturbed hypoxic responses as a pathogenic mechanism of diabetic foot ulcers. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 179-185.	4.0	91
3	MicroRNA-132 with Therapeutic Potential in Chronic Wounds. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2630-2638.	0.7	68
4	Data Augmentation for Motor Imagery Signal Classification Based on a Hybrid Neural Network. <i>Sensors</i> , 2020, 20, 4485.	3.8	61
5	Triggering of a Dll4-Notch1 loop impairs wound healing in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6985-6994.	7.1	58
6	Impact of the Hypoxia-Inducible Factor-1 \pm (<i>HIF1A</i>) Pro582Ser Polymorphism on Diabetes Nephropathy. <i>Diabetes Care</i> , 2013, 36, 415-421.	8.6	56
7	Hypoxia-induced and calpain-dependent cleavage of filamin A regulates the hypoxic response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2560-2565.	7.1	56
8	Cell-Type-Specific Regulation of Degradation of Hypoxia-Inducible Factor 1 \pm : Role of Subcellular Compartmentalization. <i>Molecular and Cellular Biology</i> , 2006, 26, 4628-4641.	2.3	51
9	Red Blood Cells in Type 2 Diabetes Impair Cardiac Post-Ischemic Recovery Through an Arginase-Dependent Modulation of Nitric Oxide Synthase and Reactive Oxygen Species. <i>JACC Basic To Translational Science</i> , 2018, 3, 450-463.	4.1	51
10	miR-19a/b and miR-20a Promote Wound Healing by Regulating the Inflammatory Response of Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2021, 141, 659-671.	0.7	46
11	Application of Transfer Learning in EEG Decoding Based on Brain-Computer Interfaces: A Review. <i>Sensors</i> , 2020, 20, 6321.	3.8	37
12	Repression of hypoxia-inducible factor-1 contributes to increased mitochondrial reactive oxygen species production in diabetes. <i>ELife</i> , 2022, 11, .	6.0	31
13	Assessment of Human Visual Acuity Using Visual Evoked Potential: A Review. <i>Sensors</i> , 2020, 20, 5542.	3.8	26
14	Protective Effect of the <i>HIF-1A</i> Pro582Ser Polymorphism on Severe Diabetic Retinopathy. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-8.	2.3	22
15	HypoxamiR-210 accelerates wound healing in diabetic mice by improving cellular metabolism. <i>Communications Biology</i> , 2020, 3, 768.	4.4	18
16	A Notch-independent mechanism contributes to the induction of Hes1 gene expression in response to hypoxia in P19 cells. <i>Experimental Cell Research</i> , 2017, 358, 129-139.	2.6	16
17	Deficiency of liver-derived insulin-like growth factor-I (IGF-I) does not interfere with the skin wound healing rate. <i>PLoS ONE</i> , 2018, 13, e0193084.	2.5	15
18	Downregulation of Erythrocyte miR-210 Induces Endothelial Dysfunction in Type 2 Diabetes. <i>Diabetes</i> , 2022, 71, 285-297.	0.6	15

#	ARTICLE	IF	CITATIONS
19	Steady-State Motion Visual Evoked Potential (SSMVEP) Enhancement Method Based on Time-Frequency Image Fusion. Computational Intelligence and Neuroscience, 2019, 2019, 1-14.	1.7	11
20	A General Arthropod Joint Model and its Applications in Modeling Human Robotic Joints. IEEE Access, 2021, 9, 7814-7822.	4.2	10
21	Randomised, controlled, open label, multicentre clinical trial to explore safety and efficacy of hyperbaric oxygen for preventing ICU admission, morbidity and mortality in adult patients with COVID-19. BMJ Open, 2021, 11, e046738.	1.9	10
22	Dehydro-Tocotrienol- $\hat{1}^2$ Counteracts Oxidative-Stress-Induced Diabetes Complications in db/db Mice. Antioxidants, 2021, 10, 1070.	5.1	8
23	Real-time, precise, rapid and objective visual acuity assessment by self-adaptive step SSVEPs. Journal of Neural Engineering, 2021, 18, 046047.	3.5	7
24	Effects of Paradigm Color and Screen Brightness on Visual Fatigue in Light Environment of Night Based on Eye Tracker and EEG Acquisition Equipment. Sensors, 2022, 22, 4082.	3.8	6
25	Threshold Determination Criterion in Steady-State Visual Evoked Potential-Based Acuity Assessment: A Comparison of Four Common Methods. IEEE Access, 2020, 8, 188844-188852.	4.2	5
26	Repressed hypoxia inducible factor $\hat{1}$ in diabetes aggravates pulmonary aspergillus fumigatus infection through modulation of inflammatory responses. Clinical and Translational Medicine, 2021, 11, e273.	4.0	3
27	Co-immunoprecipitation Assay Using Endogenous Nuclear Proteins from Cells Cultured Under Hypoxic Conditions. Journal of Visualized Experiments, 2018, , .	0.3	1
28	Enhancement of capability for motor imagery using vestibular imbalance stimulation during brain computer interface. Journal of Neural Engineering, 2021, 18, .	3.5	1