

Lichuan Zhang

List of Publications by Citations

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

92
papers

934
citations

17
h-index

26
g-index

99
ext. papers

1,352
ext. citations

4.4
avg, IF

4.65
L-index

#	Paper	IF	Citations
92	Impact of Obstructive Sleep Apnea Syndrome on Endothelial Function, Arterial Stiffening, and Serum Inflammatory Markers: An Updated Meta-analysis and Metaregression of 18 Studies. <i>Journal of the American Heart Association</i> , 2015 , 4,	1.4	81
91	Serum exosomes mediate delivery of arginase 1 as a novel mechanism for endothelial dysfunction in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6927-E6936	3.3	64
90	Nocturnal Hypoxemia Due to Obstructive Sleep Apnea Is an Independent Predictor of Poor Prognosis After Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2016 , 5,	1.4	47
89	[68Ga]Pentixafor-PET/MRI for the detection of Chemokine receptor 4 expression in atherosclerotic plaques. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 558-566	2.2	43
88	Olfactory cortex and Olfactory bulb volume alterations in patients with post-infectious Olfactory loss. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1355-1362	0.9	38
87	Effect of continuous positive airway pressure on long-term cardiovascular outcomes in patients with coronary artery disease and obstructive sleep apnea: a systematic review and meta-analysis. <i>Respiratory Research</i> , 2018 , 19, 61	1.8	35
86	microRNA-21 and hypertension. <i>Hypertension Research</i> , 2018 , 41, 649-661	1.1	34
85	Clinical Phenotypes of Nasal Polyps and Comorbid Asthma Based on Cluster Analysis of Disease History. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 1297-1305.e1	1.5	33
84	Treatment of OSA reduces the risk of repeat revascularization after percutaneous coronary intervention. <i>Chest</i> , 2015 , 147, 708-718	1.2	32
83	Gray matter volume reduction of olfactory cortices in patients with idiopathic olfactory loss. <i>Chemical Senses</i> , 2014 , 39, 755-60	1.5	32
82	[Ga]Pentixafor PET/MR imaging of chemokine receptor 4 expression in the human carotid artery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1616-1625	2.2	25
81	Sendai Virus Induces Persistent Olfactory Dysfunction in a Murine Model of PVOD via Effects on Apoptosis, Cell Proliferation, and Response to Odorants. <i>PLoS ONE</i> , 2016 , 11, e0159033	1.2	24
80	Two inflammatory phenotypes of nasal polyps and comorbid asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 118, 318-325	0.9	23
79	ESM-1 promotes adhesion between monocytes and endothelial cells under intermittent hypoxia. <i>Journal of Cellular Physiology</i> , 2019 , 234, 1512-1521	1.9	22
78	Association between sleep quality and C-reactive protein: results from national health and nutrition examination survey, 2005-2008. <i>PLoS ONE</i> , 2014 , 9, e92607	1.2	22
77	Temporary olfactory improvement in chronic rhinosinusitis with nasal polyps after treatment. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018 , 275, 2193-2202	0.7	18
76	miRNA-Mediated Suppression of a Cardioprotective Cardiokine as a Novel Mechanism Exacerbating Post-MI Remodeling by Sleep Breathing Disorders. <i>Circulation Research</i> , 2020 , 126, 212-228	5.2	17

75	Chinese guideline on sublingual immunotherapy for allergic rhinitis and asthma. <i>Journal of Thoracic Disease</i> , 2019 , 11, 4936-4950	0.6	16
74	A Retrospective Study to Compare the Use of the Mean Apnea-Hypopnea Duration and the Apnea-Hypopnea Index with Blood Oxygenation and Sleep Patterns in Patients with Obstructive Sleep Apnea Diagnosed by Polysomnography. <i>Medical Science Monitor</i> , 2018 , 24, 1887-1893	0.8	16
73	The contribution of chronic intermittent hypoxia to OSAHS: From the perspective of serum extracellular microvesicle proteins. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 97-108	2.7	14
72	Emerging Role of Proteases in the Pathogenesis of Chronic Rhinosinusitis with Nasal Polyps. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 538	1.5	13
71	Chinese Society of Allergy and Chinese Society of Otorhinolaryngology-Head and Neck Surgery Guideline for Chronic Rhinosinusitis. <i>Allergy, Asthma and Immunology Research</i> , 2020 , 12, 176-237	1.2	12
70	Current Understanding of the Acute Exacerbation of Chronic Rhinosinusitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 415	1.5	12
69	Candesartan cilexetil attenuated cardiac remodeling by improving expression and function of mitofusin 2 in SHR. <i>International Journal of Cardiology</i> , 2016 , 214, 348-57	0.8	11
68	Dexamethasone affects mouse olfactory mucosa gene expression and attenuates genes related to neurite outgrowth. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 907-18	1.4	11
67	Continuous positive airway pressure treatment reduces cardiovascular death and non-fatal cardiovascular events in patients with obstructive sleep apnea: A meta-analysis of 11 studies. <i>International Journal of Cardiology</i> , 2015 , 191, 128-31	0.8	11
66	Mitofusin 2 ameliorates aortic remodeling by suppressing ras/raf/ERK pathway and regulating mitochondrial function in vascular smooth muscle cells. <i>International Journal of Cardiology</i> , 2015 , 178, 165-7	0.8	10
65	Ceramide enhances COX-2 expression and VSMC contractile hyperreactivity via ER stress signal activation. <i>Vascular Pharmacology</i> , 2017 , 96-98, 26-32	1.1	10
64	Identification of Viruses in Patients With Postviral Olfactory Dysfunction by Multiplex Reverse-Transcription Polymerase Chain Reaction. <i>Laryngoscope</i> , 2021 , 131, 158-164	0.8	9
63	Superior turbinate eosinophilia predicts olfactory decline in patients with chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 125, 304-310.e1	0.9	8
62	Assessment of cardiac tumors by F-FDG PET/CT imaging: Histological correlation and clinical outcomes. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 2233-2243	0.4	8
61	Definition and characteristics of acute exacerbation in adult patients with chronic rhinosinusitis: a systematic review. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2020 , 49, 62	1.1	8
60	Gender difference in Chinese adults with post-viral olfactory disorder:a hospital-based study. <i>Acta Oto-Laryngologica</i> , 2016 , 136, 976-81	0.4	8
59	Significant difference between sirolimus and paclitaxel nanoparticles in anti-proliferation effect in normoxia and hypoxia: The basis of better selection of atherosclerosis treatment. <i>Bioactive Materials</i> , 2021 , 6, 880-889	6.9	8
58	The Relationship Between Obstructive Sleep Apnea Hypopnea Syndrome and Inflammatory Markers and Quality of Life in Subjects With Acute Coronary Syndrome. <i>Respiratory Care</i> , 2016 , 61, 1207-16	0.6	7

57	Effect of uvulopalatopharyngoplasty (UPPP) on atherosclerosis and cardiac functioning in obstructive sleep apnea patients. <i>Acta Oto-Laryngologica</i> , 2019 , 139, 793-797	0.4	7
56	Effects of transplanting olfactory ensheathing cells on recovery of olfactory epithelium after olfactory nerve transection in rats. <i>Medical Science Monitor</i> , 2008 , 14, BR198-204	0.8	7
55	Can upper airway surgery for OSA protect against cardiovascular sequelae via effects on coagulation?. <i>Acta Oto-Laryngologica</i> , 2016 , 136, 293-7	0.4	6
54	Targeted Sequencing Analysis of the Leptin Receptor Gene Identifies Variants Associated with Obstructive Sleep Apnoea in Chinese Han Population. <i>Lung</i> , 2019 , 197, 577-584	1.2	6
53	Extracellular Vesicles Derived from Intermittent Hypoxia-Treated Red Blood Cells Impair Endothelial Function Through Regulating eNOS Phosphorylation and ET-1 Expression. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 35, 901-913	1.1	6
52	Evaluation of idiopathic olfactory loss with chemosensory event-related potentials and magnetic resonance imaging. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 1315-1322	1.4	6
51	Correlation of tissue eosinophil count and chemosensory functions in patients with chronic rhinosinusitis with nasal polyps after endoscopic sinus surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019 , 276, 1987-1994	0.7	5
50	New insights into the vancomycin-induced nephrotoxicity using in vitro metabolomics combined with physiologically based pharmacokinetic modeling. <i>Journal of Applied Toxicology</i> , 2020 , 40, 897-907	1.2	5
49	Association of mitofusin 2 methylation and essential hypertension: a case-control study in a Chinese population. <i>Hypertension Research</i> , 2018 , 41, 605-613	1.1	5
48	Is human cytomegalovirus infection associated with essential hypertension? A meta-analysis of 11,878 participants. <i>Journal of Medical Virology</i> , 2016 , 88, 852-8	3.6	5
47	Effects of olfactory training on posttraumatic olfactory dysfunction: a systematic review and meta-analysis. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 1102-1112	1.4	5
46	The reduction of apnea-hypopnea duration ameliorates endothelial dysfunction, vascular inflammation, and systemic hypertension in a rat model of obstructive sleep apnea. <i>Sleep and Breathing</i> , 2019 , 23, 1187-1196	0.6	4
45	CPAP is associated with decreased risk of AF recurrence in patients with OSA, especially those younger and slimmer: a meta-analysis. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020 , 58, 369-379	0.4	4
44	Circulating ESM-1 levels are correlated with the presence of coronary artery disease in patients with obstructive sleep apnea. <i>Respiratory Research</i> , 2019 , 20, 188	1.8	4
43	The Clinical Role of Angiopoietin-Like Protein 3 in Evaluating Coronary Artery Disease in Patients with Obstructive Sleep Apnea. <i>Cardiovascular Drugs and Therapy</i> , 2020 , 34, 773-780	1.1	4
42	Association of C1q/TNF-Related Protein-9 (CTRP9) Level with Obstructive Sleep Apnea in Patients with Coronary Artery Disease. <i>Mediators of Inflammation</i> , 2020 , 2020, 7281391	1.3	4
41	Extracellular vesicle microRNA cargoes from intermittent hypoxia-exposed cardiomyocytes and their effect on endothelium. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 548, 182-188	1.1	4
40	Chronic Intermittent Hypoxia Participates in the Pathogenesis of Atherosclerosis and Perturbs the Formation of Intestinal Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 560201	1.5	4

39	Detection of aortic prosthetic graft infection with F-FDG PET/CT imaging, concordance with consensus MAGIC graft infection criteria. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1005-1016	0.4	4
38	Effects of glucocorticoid on cyclic nucleotide-gated channels of olfactory receptor neurons. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2009 , 38, 90-5	1.1	4
37	Prognostic impact of residual SYNTAX score in patients with obstructive sleep apnea and acute coronary syndrome: a prospective cohort study. <i>Respiratory Research</i> , 2019 , 20, 43	1.8	3
36	Obstructive sleep apnoea and inflammation in age-dependent cardiovascular disease. <i>European Heart Journal</i> , 2020 , 41, 2503	3.5	3
35	Type 1/type 2 inflammatory cytokines correlate with olfactory function in patients with chronic rhinosinusitis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020 , 41, 102587	0.7	3
34	Assessment of gustatory function in aging people using event-related potentials. <i>NeuroReport</i> , 2020 , 31, 650-656	0.6	3
33	The impact of obstructive apnea sleep syndrome on chemical function. <i>Sleep and Breathing</i> , 2020 , 24, 1549-1555	0.6	3
32	Linear dimensions of normal upper airway structure by magnetic resonance imaging in Chinese Han infants and preschool children. <i>Sleep Medicine</i> , 2017 , 37, 98-104	1.3	3
31	Does airway surgery lower serum lipid levels in obstructive sleep apnea patients? A retrospective case review. <i>Medical Science Monitor</i> , 2014 , 20, 2651-7	0.8	3
30	Assessment of cerebral glucose metabolism in patients with heart failure by F-FDG PET/CT imaging. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	0.4	3
29	Clinical significance of obstructive sleep apnea in patients with acute coronary syndrome in relation to diabetes status. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000737	1.5	3
28	Olfactory impairment and the risk of cognitive decline and dementia in older adults: a meta-analysis. <i>Brazilian Journal of Otorhinolaryngology</i> , 2021 , 87, 94-102	0.4	3
27	Clinical Implications of Psychophysical Olfactory Testing: Assessment, Diagnosis, and Treatment Outcome. <i>Frontiers in Neuroscience</i> , 2021 , 15, 646956	1.2	3
26	Steroids and Olfactory Training for Postviral Olfactory Dysfunction: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021 , 15, 708510	1.2	3
25	Efficacy of intratympanic corticosteroid, intravenous batroxobin and combined treatment for sudden sensorineural hearing loss with type-2 diabetes. <i>Acta Oto-Laryngologica</i> , 2019 , 139, 522-528	0.4	2
24	EMMPRIN: A potential biomarker for predicting the presence of obstructive sleep apnea. <i>Clinica Chimica Acta</i> , 2020 , 510, 317-322	1.6	2
23	Impact of chronic intermittent hypoxia on the long non-coding RNA and mRNA expression profiles in myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 421-433	1.6	2
22	Potential Role of mRNAs and LncRNAs in Chronic Intermittent Hypoxia Exposure-Aggravated Atherosclerosis. <i>Frontiers in Genetics</i> , 2020 , 11, 290	1	1

21	Development of Chinese odor identification test. <i>Annals of Translational Medicine</i> , 2021 , 9, 499	0.8	1
20	Altered glucose metabolism of the olfactory-related cortices in anosmia patients with traumatic brain injury. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021 , 278, 4813-4821	0.7	1
19	Obstructive sleep apnea increases the risk of cardiovascular damage: a systematic review and meta-analysis of imaging studies. <i>Systematic Reviews</i> , 2021 , 10, 212	1.3	1
18	Association Between OSA and Quantitative Atherosclerotic Plaque Burden: A Coronary CT Angiography Study. <i>Chest</i> , 2021 , 160, 1864-1874	1.2	1
17	Different Brain Activation in Response to Repeated Odors of Pleasantness and Unpleasantness. <i>Chemosensory Perception</i> , 2020 , 13, 84-91	0.3	1
16	Glucocorticoid-induced leucine zipper protects noise-induced apoptosis in cochlear cells by inhibiting endoplasmic reticulum stress in rats. <i>Medical Molecular Morphology</i> , 2020 , 53, 73-81	0.6	1
15	Low arousal threshold is associated with unfavorable shift of PAP compliance over time in patients with OSA. <i>Sleep and Breathing</i> , 2021 , 25, 887-895	0.6	1
14	Independent Role of Nasal Congestion in Positive Airway Pressure Compliance for OSA Treatment.. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 1945998211064577	0.9	1
13	Olfactory dysfunction is associated with cognitive impairment in patients with obstructive sleep apnea: a cross-sectional study.. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022 , 279, 1979	0.7	0
12	The association between glucocorticoid receptor (NR3C1) gene polymorphism and difficult-to-treat rhinosinusitis.. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022 , 1	0.7	0
11	Usefulness of Cathepsin S to Predict Risk for Obstructive Sleep Apnea among Patients with Type 2 Diabetes. <i>Disease Markers</i> , 2020 , 2020, 8819134	0.7	0
10	Prognostic value of olfactory evoked potentials in patients with post-infectious olfactory dysfunction. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021 , 278, 3839-3846	0.7	0
9	The effects of high-sensitivity C-reactive protein on the clinical outcomes in obstructive sleep apnea patients undergoing off-pump coronary artery bypass grafting. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 366	0.6	0
8	0259 Reduction of the Apnea-Hypopnea Duration Ameliorates Endothelial Dysfunction, Vascular Inflammation, and Systemic Hypertension in a Rat Model of Obstructive Sleep Apnea. <i>Sleep</i> , 2019 , 42, A106-A106	0.3	
7	Gastroesophageal Reflux Disease: A Cause for Eustachian Tube Dysfunction in Obstructive Sleep Apnea. <i>Ear, Nose and Throat Journal</i> , 2021 , 100, 937S-942S	0.3	
6	Response by Ma et al to Letter Regarding Article, "miRNA-Mediated Suppression of a Cardioprotective Cardiokine As a Novel Mechanism Exacerbating Post-MI Remodeling by Sleep Breathing Disorders". <i>Circulation Research</i> , 2020 , 126, e138-e139	5.2	
5	Efficacy of expiratory positive airway pressure nasal device. <i>Sleep and Breathing</i> , 2016 , 20, 261-2	0.6	
4	Decreased nasal nitric oxide levels: A potential marker of decreased olfactory discrimination in chronic rhinosinusitis. <i>Journal of Laryngology and Otology</i> , 2021 , 1-28	0.5	

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| 3 | Salidroside Ameliorates Chronic Intermittent Hypoxia-induced Endothelial Insulin Resistance via Suppression of ERK1/2 Activation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-2-49 | 0 |
| 2 | Obstructive sleep apnea-induced multi-organ dysfunction after elective coronary artery bypass surgery in coronary heart disease patients. <i>Journal of Thoracic Disease</i> , 2020 , 12, 5603-5616 | 0.6 |
| 1 | 0575 Validation of a Portable Monitoring for the Diagnosis of Obstructive Sleep Apnea: Electrocardiogram-based Cardiopulmonary Coupling. <i>Sleep</i> , 2019 , 42, A229-A229 | 0.3 |