Hui Nian

List of Publications by Year
in descending order

76 papers	3,112 citations	159585 30 h-index	161849 54 g-index
76 all docs	76 docs citations	76 times ranked	4506 citing authors

#	Article	IF	Citations
1	418 Activation of the Glucagon-Like Peptide-1 Pathway in Obese Pre-Diabetic Individuals Improves Endothelial Function Independently of Weight Loss. Journal of Clinical and Translational Science, 2022, 6, 81-82.	0.6	0
2	238 The association between quitting electronic cigarette use in pregnancy and the risk of preterm birth and low birth weight. Journal of Clinical and Translational Science, 2022, 6, 38-38.	0.6	0
3	Predicting Mortality in Elderly Spine Trauma Patients. Spine, 2022, 47, 977-985.	2.0	5
4	Complications, readmissions, reoperations and patient-reported outcomes in patients with multiple sclerosis undergoing elective spine surgery - a propensity matched analysis. Spine Journal, 2022, 22, 1820-1829.	1.3	1
5	Association of a glucagonâ€like peptideâ€1 receptor gene variant with glucose response to a mixed meal. Diabetes, Obesity and Metabolism, 2021, 23, 281-286.	4.4	13
6	Treatment of Primary Aldosteronism Increases Plasma Epoxyeicosatrienoic Acids. Hypertension, 2021, 77, 1323-1331.	2.7	2
7	Active B-Type Natriuretic Peptide Measured by Mass Spectrometry and Response to Sacubitril/Valsartan. Journal of Cardiac Failure, 2021, 27, 1231-1239.	1.7	8
8	255. A clinical calculator to predict survival in elderly spine trauma patients. Spine Journal, 2021, 21, S131-S132.	1.3	1
9	23. Outcomes of direct vs indirect decompression for lumbar spondylolisthesis: A propensity matched cohort analysis. Spine Journal, 2021, 21, S12.	1.3	0
10	185. A clinical model to predict postoperative improvement in subdomains of the modified Japanese Orthopedic Association Score for degenerative cervical myelopathy. Spine Journal, 2021, 21, S93-S94.	1.3	0
11	GSK2256294 Decreases sEH (Soluble Epoxide Hydrolase) Activity in Plasma, Muscle, and Adipose and Reduces F2-Isoprostanes but Does Not Alter Insulin Sensitivity in Humans. Hypertension, 2021, 78, 1092-1102.	2.7	9
12	A weighted logâ€rank test and associated effect estimator for cancer trials with delayed treatment effect. Pharmaceutical Statistics, 2021, 20, 528-550.	1.3	6
13	Sitagliptin Decreases Visceral Fat and Blood Glucose in Women With Polycystic Ovarian Syndrome. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 136-151.	3.6	27
14	Does Neck Disability Index Correlate With 12-Month Satisfaction After Elective Surgery for Cervical Radiculopathy? Results From a National Spine Registry. Neurosurgery, 2020, 86, 736-741.	1.1	11
15	Adding 3-month patient data improves prognostic models of 12-month disability, pain, and satisfaction after specific lumbar spine surgical procedures: development and validation of a prediction model. Spine Journal, 2020, 20, 600-613.	1.3	19
16	Development and Validation of Cervical Prediction Models for Patient-Reported Outcomes at 1 Year After Cervical Spine Surgery for Radiculopathy and Myelopathy. Spine, 2020, 45, 1541-1552.	2.0	17
17	Retrospective cohort study to characterise the blood pressure response to spironolactone in patients with apparent therapy-resistant hypertension using electronic medical record data. BMJ Open, 2020, 10, e033100.	1.9	5
18	Primary Aldosteronism Decreases Insulin Secretion and Increases Insulin Clearance in Humans. Hypertension, 2020, 75, 1251-1259.	2.7	36

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19	Is Length of Stay Influenced by the Weekday On Which Lumbar Surgery is Performed?. Neurosurgery, 2019, 85, 494-499.	1.1	10
20	Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. Neurosurgery, 2019, 84, 919-926.	1.1	56
21	Dipeptidyl Peptidase 4 Inhibition Increases Postprandial Norepinephrine via Substance P (NK1 Receptor) During RAAS Inhibition. Journal of the Endocrine Society, 2019, 3, 1784-1798.	0.2	12
22	Discovery of Noncancer Drug Effects on Survival in Electronic Health Records of Patients With Cancer: A New Paradigm for Drug Repurposing. JCO Clinical Cancer Informatics, 2019, 3, 1-9.	2.1	25
23	Effect of Modified Japanese Orthopedic Association Severity Classifications on Satisfaction With Outcomes 12 Months After Elective Surgery for Cervical Spine Myelopathy. Spine, 2019, 44, 801-808.	2.0	9
24	Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery. Spine, 2019, 44, 588-600.	2.0	33
25	A Strategy for Risk-adjusted Ranking of Surgeons and Practices Based on Patient-reported Outcomes After Elective Lumbar Surgery. Spine, 2019, 44, 670-677.	2.0	6
26	Performance evaluation of propensity score methods for estimating average treatment effects with multi-level treatments. Journal of Applied Statistics, 2019, 46, 853-873.	1.3	11
27	MON-474 Dipeptidyl Peptidase-4 (DPP4) Inhibition Decreases Visceral Fat and Improves Glucose Metabolism in Overweight Women with Polycystic Ovarian Syndrome. Journal of the Endocrine Society, 2019, 3, .	0.2	1
28	Dipeptidaseâ€4 Inhibition Potentiates Stimulated Growth Hormone Secretion and Vasodilation in Women. Journal of the American Heart Association, 2018, 7, .	3.7	7
29	Characteristics and treatment of African-American and European-American patients with resistant hypertension identified using the electronic health record in an academic health centre: a caseâˆ'control study. BMJ Open, 2018, 8, e021640.	1.9	15
30	Endogenous bradykinin and B1-B5 during angiotensin-converting enzyme inhibitorâ€"associated angioedema. Journal of Allergy and Clinical Immunology, 2018, 142, 1636-1639.e5.	2.9	18
31	DPP (Dipeptidyl Peptidase)-4 Inhibition Potentiates the Vasoconstrictor Response to NPY (Neuropeptide) Tj ETQq1 1 0.784314 rgBT /O	2.7	21
32	Aprepitant for the Treatment of Pruritus in SÃ©zary Syndrome. JAMA Dermatology, 2018, 154, 1221.	4.1	19
33	Drivers of Variability in 90-day Cost for Primary Single-level Microdiscectomy. Neurosurgery, 2018, 83, 1153-1160.	1.1	12
34	An analysis from the Quality Outcomes Database, Part 1. Disability, quality of life, and pain outcomes following lumbar spine surgery: predicting likely individual patient outcomes for shared decision-making. Journal of Neurosurgery: Spine, 2017, 27, 357-369.	1.7	141
35	An analysis from the Quality Outcomes Database, Part 2. Predictive model for return to work after elective surgery for lumbar degenerative disease. Journal of Neurosurgery: Spine, 2017, 27, 370-381.	1.7	64
36	Secretory IgA Deficiency in Individual Small Airways Is Associated with Persistent Inflammation and Remodeling. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1010-1021.	5.6	71

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37	Cervical disc arthroplasty with the Prestige LP disc versus anterior cervical discectomy and fusion, at 2 levels: results of a prospective, multicenter randomized controlled clinical trial at 24 months. Journal of Neurosurgery: Spine, 2017, 26, 653-667.	1.7	99
38	Effect of bradykinin receptor antagonism on ACE inhibitor-associated angioedema. Journal of Allergy and Clinical Immunology, 2017, 140, 242-248.e2.	2.9	73
39	Patient characteristics of smokers undergoing lumbar spine surgery: an analysis from the Quality Outcomes Database. Journal of Neurosurgery: Spine, 2017, 27, 661-669.	1.7	7
40	Effect of patients' functional status on satisfaction with outcomes 12 months after elective spine surgery for lumbar degenerative disease. Spine Journal, 2017, 17, 1783-1793.	1.3	21
41	Association of gain-of-function EPHX2 polymorphism Lys55Arg with acute kidney injury following cardiac surgery. PLoS ONE, 2017, 12, e0175292.	2.5	19
42	B-Type Natriuretic Peptide, Aldosterone, and Fluid Management in ARDS. Chest, 2016, 150, 102-111.	0.8	17
43	Inadequacy of 3-month Oswestry Disability Index outcome for assessing individual longer-term patient experience after lumbar spine surgery. Journal of Neurosurgery: Spine, 2016, 25, 170-180.	1.7	33
44	Predictive Model for Return to Work after Elective Surgery for Lumbar Degenerative Disease: An Analysis From National Neurosurgery Quality Outcomes Database Registry. Spine Journal, 2016, 16, S371-S372.	1.3	0
45	Too many covariates and too few cases? â€" a comparative study. Statistics in Medicine, 2016, 35, 4546-4558.	1.6	40
46	Predictive Model for Discharge to Home after Elective Surgery for Lumbar Degenerative Disease: An Analysis from National Neurosurgery Quality Outcomes Database Registry. Spine Journal, 2016, 16, S292-S293.	1.3	0
47	Comparative effects of immediateâ€release and extendedâ€release aspirin on basal and bradykininâ€stimulated excretion of thromboxane and prostacyclin metabolites. Pharmacology Research and Perspectives, 2016, 4, e00221.	2.4	1
48	Reply to Sullivan et al.. Vaccine, 2016, 34, 4647-4648.	3.8	0
49	Evaluating the case-positive, control test-negative study design for influenza vaccine effectiveness for the frailty bias. Vaccine, 2016, 34, 1806-1809.	3.8	19
50	The feasibility of text reminders to improve medication adherence in adolescents with asthma. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 449-455.	4.4	80
51	Cervical Disc Arthroplasty with Prestige LP Disc Versus Anterior Cervical Discectomy and Fusion: Seven-Year Outcomes. International Journal of Spine Surgery, 2016, 10, 24.	1.5	70
52	Peripheral Blood Signature of Vasodilator-Responsive Pulmonary Arterial Hypertension. Circulation, 2015, 131, 401-409.	1.6	72
53	Cervical disc arthroplasty with PRESTIGE LP disc versus anterior cervical discectomy and fusion: a prospective, multicenter investigational device exemption study. Journal of Neurosurgery: Spine, 2015, 23, 558-573.	1.7	94
54	Clinical Effectiveness of Split-Virion Versus Subunit Trivalent Influenza Vaccines in Older Adults. Clinical Infectious Diseases, 2015, 60, 1170-1175.	5.8	29

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55	Treatment with Sildenafil Improves Insulin Sensitivity in Prediabetes: A Randomized, Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4533-4540.	3.6	61
56	531Split-virion compared to Subunit Influenza Trivalent Influenza Vaccines Has Greater Effectiveness in Older Adults. Open Forum Infectious Diseases, 2014, 1, S18-S18.	0.9	0
57	Substance P Increases Sympathetic Activity During Combined Angiotensin-Converting Enzyme and Dipeptidyl Peptidase-4 Inhibition. Hypertension, 2014, 63, 951-957.	2.7	62
58	The National Neurosurgery Quality and Outcomes Database (N2QOD). Spine, 2014, 39, S106-S116.	2.0	116
59	Dipeptidylâ€Peptidase 4 Inhibition and the Vascular Effects of Glucagonâ€like Peptideâ€1 and Brain Natriuretic Peptide in the Human Forearm. Journal of the American Heart Association, 2014, 3, .	3.7	28
60	An assessment of pharmacists' readiness for paperless labeling: a national survey. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 43-48.	4.4	6
61	Medical decision support using machine learning for early detection of late-onset neonatal sepsis. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 326-336.	4.4	135
62	The schizoaffective disorder diagnosis: a conundrum in the clinical setting. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 29-34.	3.2	29
63	An LCâ€"MS assay for the screening of cardiovascular medications in human samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 937, 44-53.	2.3	35
64	Blood Group A antigen expression on cardiac endothelium is highly individualized: possible implications for transplantation. Cardiovascular Pathology, 2013, 22, 251-256.	1.6	10
65	High Prevalence of Hypertension Among Collegiate Football Athletes. Circulation: Cardiovascular Quality and Outcomes, 2013, 6, 716-723.	2.2	46
66	Brown Recluse Spider Bite Mediated Hemolysis: Clinical Features, a Possible Role for Complement Inhibitor Therapy, and Reduced RBC Surface Glycophorin A as a Potential Biomarker of Venom Exposure. PLoS ONE, 2013, 8, e76558.	2.5	25
67	The financial impact of health information exchange on emergency department care. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 328-333.	4.4	202
68	Randomized trial of automated, electronic monitoring to facilitate early detection of sepsis in the intensive care unit*. Critical Care Medicine, 2012, 40, 2096-2101.	0.9	109
69	NADPH oxidase overexpression in human colon cancers and rat colon tumors induced by 2â€aminoâ€1â€methylâ€6â€phenylimidazo[4,5â€<i>b</i>]pyridine (PhIP). International Journal of Cancer, 2011, 128, 2581-2590.	1.3	55
70	Health information exchange usage in emergency departments and clinics: the who, what, and why. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 690-697.	4.4	103
71	Constrictive Bronchiolitis in Soldiers Returning from Iraq and Afghanistan. New England Journal of Medicine, 2011, 365, 222-230.	27.0	231
72	Î±-Keto Acid Metabolites of Naturally Occurring Organoselenium Compounds as Inhibitors of Histone Deacetylase in Human Prostate Cancer Cells. Cancer Prevention Research, 2009, 2, 683-693.	1.5	83

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73	Â-Keto acid metabolites of organoselenium compounds inhibit histone deacetylase activity in human colon cancer cells. Carcinogenesis, 2009, 30, 1416-1423.	2.8	74
74	Modulation of histone deacetylase activity by dietary isothiocyanates and allyl sulfides: Studies with sulforaphane and garlic organosulfur compounds. Environmental and Molecular Mutagenesis, 2009, 50, 213-221.	2.2	180
75	Allyl mercaptan, a garlic-derived organosulfur compound, inhibits histone deacetylase and enhances Sp3 binding on the P21WAF1 promoter. Carcinogenesis, 2008, 29, 1816-1824.	2.8	127
76	Proteomic analysis of the transition from quiescent to proliferating stages in rat liver hepatectomy model. Proteomics, 2006, 6, 3075-3086.	2.2	30