

Hui Nian

List of Publications by Year in descending order

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Version: 2024-02-01

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	Constrictive Bronchiolitis in Soldiers Returning from Iraq and Afghanistan. <i>New England Journal of Medicine</i> , 2011, 365, 222-230.	27.0	231
2	The financial impact of health information exchange on emergency department care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 328-333.	4.4	202
3	Modulation of histone deacetylase activity by dietary isothiocyanates and allyl sulfides: Studies with sulforaphane and garlic organosulfur compounds. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 213-221.	2.2	180
4	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. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 357-369.	1.7	141
5	Medical decision support using machine learning for early detection of late-onset neonatal sepsis. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 326-336.	4.4	135
6	Allyl mercaptan, a garlic-derived organosulfur compound, inhibits histone deacetylase and enhances Sp3 binding on the P21WAF1 promoter. <i>Carcinogenesis</i> , 2008, 29, 1816-1824.	2.8	127
7	The National Neurosurgery Quality and Outcomes Database (N2QOD). <i>Spine</i> , 2014, 39, S106-S116.	2.0	116
8	Randomized trial of automated, electronic monitoring to facilitate early detection of sepsis in the intensive care unit*. <i>Critical Care Medicine</i> , 2012, 40, 2096-2101.	0.9	109
9	Health information exchange usage in emergency departments and clinics: the who, what, and why. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 690-697.	4.4	103
10	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. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 653-667.	1.7	99
11	Cervical disc arthroplasty with PRESTIGE LP disc versus anterior cervical discectomy and fusion: a prospective, multicenter investigational device exemption study. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 558-573.	1.7	94
12	Î±-Keto Acid Metabolites of Naturally Occurring Organoselenium Compounds as Inhibitors of Histone Deacetylase in Human Prostate Cancer Cells. <i>Cancer Prevention Research</i> , 2009, 2, 683-693.	1.5	83
13	The feasibility of text reminders to improve medication adherence in adolescents with asthma. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 449-455.	4.4	80
14	Î±-Keto acid metabolites of organoselenium compounds inhibit histone deacetylase activity in human colon cancer cells. <i>Carcinogenesis</i> , 2009, 30, 1416-1423.	2.8	74
15	Effect of bradykinin receptor antagonism on ACE inhibitor-associated angioedema. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 242-248.e2.	2.9	73
16	Peripheral Blood Signature of Vasodilator-Responsive Pulmonary Arterial Hypertension. <i>Circulation</i> , 2015, 131, 401-409.	1.6	72
17	Secretory IgA Deficiency in Individual Small Airways Is Associated with Persistent Inflammation and Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1010-1021.	5.6	71
18	Cervical Disc Arthroplasty with Prestige LP Disc Versus Anterior Cervical Discectomy and Fusion: Seven-Year Outcomes. <i>International Journal of Spine Surgery</i> , 2016, 10, 24.	1.5	70

#	ARTICLE	IF	CITATIONS
19	An analysis from the Quality Outcomes Database, Part 2. Predictive model for return to work after elective surgery for lumbar degenerative disease. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 370-381.	1.7	64
20	Substance P Increases Sympathetic Activity During Combined Angiotensin-Converting Enzyme and Dipeptidyl Peptidase-4 Inhibition. <i>Hypertension</i> , 2014, 63, 951-957.	2.7	62
21	Treatment with Sildenafil Improves Insulin Sensitivity in Prediabetes: A Randomized, Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4533-4540.	3.6	61
22	Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. <i>Neurosurgery</i> , 2019, 84, 919-926.	1.1	56
23	NADPH oxidase overexpression in human colon cancers and rat colon tumors induced by 2-aminomethyl-6-phenylimidazo[4,5-b]pyridine (PhIP). <i>International Journal of Cancer</i> , 2011, 128, 2581-2590.	1.28	55
24	High Prevalence of Hypertension Among Collegiate Football Athletes. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 716-723.	2.2	46
25	Too many covariates and too few cases? â€” a comparative study. <i>Statistics in Medicine</i> , 2016, 35, 4546-4558.	1.6	40
26	Primary Aldosteronism Decreases Insulin Secretion and Increases Insulin Clearance in Humans. <i>Hypertension</i> , 2020, 75, 1251-1259.	2.7	36
27	An LC-MS assay for the screening of cardiovascular medications in human samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 937, 44-53.	2.3	35
28	Inadequacy of 3-month Oswestry Disability Index outcome for assessing individual longer-term patient experience after lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 170-180.	1.7	33
29	Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery. <i>Spine</i> , 2019, 44, 588-600.	2.0	33
30	Proteomic analysis of the transition from quiescent to proliferating stages in rat liver hepatectomy model. <i>Proteomics</i> , 2006, 6, 3075-3086.	2.2	30
31	The schizoaffective disorder diagnosis: a conundrum in the clinical setting. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 29-34.	3.2	29
32	Clinical Effectiveness of Split-Virion Versus Subunit Trivalent Influenza Vaccines in Older Adults. <i>Clinical Infectious Diseases</i> , 2015, 60, 1170-1175.	5.8	29
33	Dipeptidyl Peptidase 4 Inhibition and the Vascular Effects of Glucagon-like Peptide-1 and Brain Natriuretic Peptide in the Human Forearm. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	28
34	Sitagliptin Decreases Visceral Fat and Blood Glucose in Women With Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 136-151.	3.6	27
35	Discovery of Noncancer Drug Effects on Survival in Electronic Health Records of Patients With Cancer: A New Paradigm for Drug Repurposing. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9.	2.1	25
36	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. <i>PLoS ONE</i> , 2013, 8, e76558.	2.5	25

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37	Effect of patients' functional status on satisfaction with outcomes 12 months after elective spine surgery for lumbar degenerative disease. <i>Spine Journal</i> , 2017, 17, 1783-1793.	1.3	21
38	DPP (Dipeptidyl Peptidase)-4 Inhibition Potentiates the Vasoconstrictor Response to NPY (Neuropeptide) Tj ETQq0.0.0 rgBT /Overlock 1	2.7	21
39	Evaluating the case-positive, control test-negative study design for influenza vaccine effectiveness for the frailty bias. <i>Vaccine</i> , 2016, 34, 1806-1809.	3.8	19
40	Aprepitant for the Treatment of Pruritus in SÃ©zary Syndrome. <i>JAMA Dermatology</i> , 2018, 154, 1221.	4.1	19
41	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. <i>Spine Journal</i> , 2020, 20, 600-613.	1.3	19
42	Association of gain-of-function EPHX2 polymorphism Lys55Arg with acute kidney injury following cardiac surgery. <i>PLoS ONE</i> , 2017, 12, e0175292.	2.5	19
43	Endogenous bradykinin and B1-B5 during angiotensin-converting enzyme inhibitor-associated angioedema. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1636-1639.e5.	2.9	18
44	B-Type Natriuretic Peptide, Aldosterone, and Fluid Management in ARDS. <i>Chest</i> , 2016, 150, 102-111.	0.8	17
45	Development and Validation of Cervical Prediction Models for Patient-Reported Outcomes at 1 Year After Cervical Spine Surgery for Radiculopathy and Myelopathy. <i>Spine</i> , 2020, 45, 1541-1552.	2.0	17
46	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 case-control study. <i>BMJ Open</i> , 2018, 8, e021640.	1.9	15
47	Association of a glucagon-like peptide-1 receptor gene variant with glucose response to a mixed meal. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 281-286.	4.4	13
48	Drivers of Variability in 90-day Cost for Primary Single-level Microdiscectomy. <i>Neurosurgery</i> , 2018, 83, 1153-1160.	1.1	12
49	Dipeptidyl Peptidase 4 Inhibition Increases Postprandial Norepinephrine via Substance P (NK1 Receptor) During RAAS Inhibition. <i>Journal of the Endocrine Society</i> , 2019, 3, 1784-1798.	0.2	12
50	Performance evaluation of propensity score methods for estimating average treatment effects with multi-level treatments. <i>Journal of Applied Statistics</i> , 2019, 46, 853-873.	1.3	11
51	Does Neck Disability Index Correlate With 12-Month Satisfaction After Elective Surgery for Cervical Radiculopathy? Results From a National Spine Registry. <i>Neurosurgery</i> , 2020, 86, 736-741.	1.1	11
52	Blood Group A antigen expression on cardiac endothelium is highly individualized: possible implications for transplantation. <i>Cardiovascular Pathology</i> , 2013, 22, 251-256.	1.6	10
53	Is Length of Stay Influenced by the Weekday On Which Lumbar Surgery is Performed?. <i>Neurosurgery</i> , 2019, 85, 494-499.	1.1	10
54	Effect of Modified Japanese Orthopedic Association Severity Classifications on Satisfaction With Outcomes 12 Months After Elective Surgery for Cervical Spine Myelopathy. <i>Spine</i> , 2019, 44, 801-808.	2.0	9

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55	GSK2256294 Decreases sEH (Soluble Epoxide Hydrolase) Activity in Plasma, Muscle, and Adipose and Reduces F2-Isoprostanes but Does Not Alter Insulin Sensitivity in Humans. <i>Hypertension</i> , 2021, 78, 1092-1102.	2.7	9
56	Active B-Type Natriuretic Peptide Measured by Mass Spectrometry and Response to Sacubitril/Valsartan. <i>Journal of Cardiac Failure</i> , 2021, 27, 1231-1239.	1.7	8
57	Patient characteristics of smokers undergoing lumbar spine surgery: an analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 661-669.	1.7	7
58	Dipeptidyl Peptidase-4 Inhibition Potentiates Stimulated Growth Hormone Secretion and Vasodilation in Women. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	7
59	An assessment of pharmacists' readiness for paperless labeling: a national survey. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 43-48.	4.4	6
60	A Strategy for Risk-adjusted Ranking of Surgeons and Practices Based on Patient-reported Outcomes After Elective Lumbar Surgery. <i>Spine</i> , 2019, 44, 670-677.	2.0	6
61	A weighted log-rank test and associated effect estimator for cancer trials with delayed treatment effect. <i>Pharmaceutical Statistics</i> , 2021, 20, 528-550.	1.3	6
62	Retrospective cohort study to characterise the blood pressure response to spironolactone in patients with apparent therapy-resistant hypertension using electronic medical record data. <i>BMJ Open</i> , 2020, 10, e033100.	1.9	5
63	Predicting Mortality in Elderly Spine Trauma Patients. <i>Spine</i> , 2022, 47, 977-985.	2.0	5
64	Treatment of Primary Aldosteronism Increases Plasma Epoxyeicosatrienoic Acids. <i>Hypertension</i> , 2021, 77, 1323-1331.	2.7	2
65	Comparative effects of immediate-release and extended-release aspirin on basal and bradykinin-stimulated excretion of thromboxane and prostacyclin metabolites. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00221.	2.4	1
66	255. A clinical calculator to predict survival in elderly spine trauma patients. <i>Spine Journal</i> , 2021, 21, S131-S132.	1.3	1
67	MON-474 Dipeptidyl Peptidase-4 (DPP4) Inhibition Decreases Visceral Fat and Improves Glucose Metabolism in Overweight Women with Polycystic Ovarian Syndrome. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	1
68	Complications, readmissions, reoperations and patient-reported outcomes in patients with multiple sclerosis undergoing elective spine surgery - a propensity matched analysis. <i>Spine Journal</i> , 2022, 22, 1820-1829.	1.3	1
69	531 Split-virion compared to Subunit Influenza Trivalent Influenza Vaccines Has Greater Effectiveness in Older Adults. <i>Open Forum Infectious Diseases</i> , 2014, 1, S18-S18.	0.9	0
70	Predictive Model for Return to Work after Elective Surgery for Lumbar Degenerative Disease: An Analysis From National Neurosurgery Quality Outcomes Database Registry. <i>Spine Journal</i> , 2016, 16, S371-S372.	1.3	0
71	Predictive Model for Discharge to Home after Elective Surgery for Lumbar Degenerative Disease: An Analysis from National Neurosurgery Quality Outcomes Database Registry. <i>Spine Journal</i> , 2016, 16, S292-S293.	1.3	0
72	Reply to Sullivan et al.. <i>Vaccine</i> , 2016, 34, 4647-4648.	3.8	0

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73	23. Outcomes of direct vs indirect decompression for lumbar spondylolisthesis: A propensity matched cohort analysis. Spine Journal, 2021, 21, S12.	1.3	0
74	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
75	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
76	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