

# Jichun Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/433450/publications.pdf>

Version: 2024-02-01

39  
papers

631  
citations

516710

16  
h-index

642732

23  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Covariate-adjusted precision matrix estimation with an application in genetical genomics. <i>Biometrika</i> , 2013, 100, 139-156.	2.4	74
2	Sex Differences in Genetic Associations With Longevity. <i>JAMA Network Open</i> , 2018, 1, e181670.	5.9	60
3	Explantation Rates and Healthcare Resource Utilization in Spinal Cord Stimulation. <i>Neuromodulation</i> , 2017, 20, 331-339.	0.8	49
4	Prevalence, healthcare resource utilization and overall burden of fungal meningitis in the United States. <i>Journal of Medical Microbiology</i> , 2018, 67, 215-227.	1.8	38
5	Prevalence and Cost Analysis of Complex Regional Pain Syndrome (CRPS): A Role for Neuromodulation. <i>Neuromodulation</i> , 2018, 21, 423-430.	0.8	35
6	Joint estimation of multiple high-dimensional precision matrices. <i>Statistica Sinica</i> , 2016, 26, 445-464.	0.3	34
7	The Volume-Outcome Effect: Impact on Trial-to-Permanent Conversion Rates in Spinal Cord Stimulation. <i>Neuromodulation</i> , 2017, 20, 256-262.	0.8	28
8	Racial, Socioeconomic, and Gender Disparities in the Presentation, Treatment, and Outcomes of Adult Chiari I Malformations. <i>World Neurosurgery</i> , 2017, 97, 431-437.	1.3	22
9	Independent Associations With 30- and 90-Day Unplanned Readmissions After Elective Lumbar Spine Surgery: A National Trend Analysis of 144,123 Patients. <i>Neurosurgery</i> , 2019, 84, 758-767.	1.1	22
10	Optimal false discovery rate control for dependent data. <i>Statistics and Its Interface</i> , 2011, 4, 417-430.	0.3	22
11	Genetic variants in the platelet-derived growth factor subunit B gene associated with pancreatic cancer risk. <i>International Journal of Cancer</i> , 2018, 142, 1322-1331.	5.1	20
12	APOBEC Mutagenesis Inhibits Breast Cancer Growth through Induction of T cell-Mediated Antitumor Immune Responses. <i>Cancer Immunology Research</i> , 2022, 10, 70-86.	3.4	20
13	PenPC: A Two-Step Approach to Estimate the Skeletons of High-Dimensional Directed Acyclic Graphs. <i>Biometrics</i> , 2016, 72, 146-155.	1.4	19
14	Drivers and Risk Factors of Unplanned 30-Day Readmission Following Spinal Cord Stimulator Implantation. <i>Neuromodulation</i> , 2018, 21, 87-92.	0.8	19
15	Impact of Insurance Provider on Overall Costs in Failed Back Surgery Syndrome: A Cost Study of 122,827 Patients. <i>Neuromodulation</i> , 2017, 20, 354-360.	0.8	17
16	Specialty-Based Variations in Spinal Cord Stimulation Success Rates for Treatment of Chronic Pain. <i>Neuromodulation</i> , 2017, 20, 340-347.	0.8	17
17	Comparing outcomes of early, late, and non-surgical management of intraspinal abscess. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 64-71.	1.5	17
18	Understanding the temporal evolution of neuronal connectivity in cultured networks using statistical analysis. <i>BMC Neuroscience</i> , 2014, 15, 17.	1.9	15

#	ARTICLE	IF	CITATIONS
19	Genetic variant of RAK2 in the toll-like receptor signaling pathway and survival of non-small cell lung cancer. <i>International Journal of Cancer</i> , 2018, 143, 2400-2408.	5.1	14
20	Sample size and power analysis for sparse signal recovery in genome-wide association studies. <i>Biometrika</i> , 2011, 98, 273-290.	2.4	12
21	A Penalized Likelihood Approach for Bivariate Conditional Normal Models for Dynamic Co-expression Analysis. <i>Biometrics</i> , 2011, 67, 299-308.	1.4	11
22	A Sparse Structured Shrinkage Estimator for Nonparametric Varying-Coefficient Model With an Application in Genomics. <i>Journal of Computational and Graphical Statistics</i> , 2012, 21, 110-133.	1.7	9
23	Novel genetic variants in the P38MAPK pathway gene <i>ZAK</i> and susceptibility to lung cancer. <i>Molecular Carcinogenesis</i> , 2018, 57, 216-224.	2.7	9
24	False Discovery Rate Control for High Dimensional Networks of Quantile Associations Conditioning on Covariates. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2018, 80, 1015-1034.	2.2	8
25	Microtransplantation in older patients with AML: A pilot study of safety, efficacy and immunologic effects. <i>American Journal of Hematology</i> , 2020, 95, 662-671.	4.1	7
26	Genetic variants in the calcium signaling pathway genes are associated with cutaneous melanoma-specific survival. <i>Carcinogenesis</i> , 2019, 40, 279-288.	2.8	6
27	Prevalence and Cost Analysis of Chronic Pain After Hernia Repair: A Potential Alternative Approach With Neurostimulation. <i>Neuromodulation</i> , 2019, 22, 960-969.	0.8	5
28	bcSeq: an R package for fast sequence mapping in high-throughput shRNA and CRISPR screens. <i>Bioinformatics</i> , 2018, 34, 3581-3583.	4.1	4
29	Single-Cell RNA-Seq Identifies Potentially Pathogenic B Cell Populations That Uniquely Circulate in Patients with Chronic Cvhd. <i>Blood</i> , 2019, 134, 874-874.	1.4	4
30	High-dimensional tests for functional networks of brain anatomic regions. <i>Journal of Multivariate Analysis</i> , 2017, 156, 70-88.	1.0	2
31	Quasi-least squares with mixed linear correlation structures. <i>Statistics and Its Interface</i> , 2010, 3, 223-233.	0.3	2
32	Correction to the paper "Optimal False Discovery Rate Control for Dependent Data". <i>Statistics and Its Interface</i> , 2016, 9, 33-35.	0.3	2
33	Hypercapnia in Advanced Chronic Obstructive Pulmonary Disease: A Secondary Analysis of the National Emphysema Treatment Trial. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla )</i> , 2020, 7, 336-345.	0.7	2
34	Implantable Neurostimulation for Headache Disorders: Effect on Healthcare Utilization and Expenditures. <i>Neuromodulation</i> , 2016, 19, 319-328.	0.8	1
35	156 Independent Associations With 30- and 90-Day Unplanned Readmissions After Elective Lumbar Spine Surgery. <i>Neurosurgery</i> , 2018, 65, 100.	1.1	1
36	Down the Rabbit Hole: Specialty Influence on SCS Outcomes. <i>Neuromodulation</i> , 2018, 21, 417-420.	0.8	0

#	ARTICLE	IF	CITATIONS
37	Phase II Trial of Pasireotide to Prevent GI Toxicity and Acute Gvhd in Allogeneic HSCT. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, S48-S49.	2.0	0
38	Abstract PO002: APOBEC mutagenesis as a driver of tumor evolution by promoting tumor recurrence and modulating tumor-immune system interactions in a syngeneic murine model of breast cancer. , 2021, , .		0
39	Abstract P1-06-02: Characterization of gene- and sample-level APOBEC mutagenesis enrichment with respect to intrinsic subtypes, tumor mutational burden, and immune composition in breast cancer. , 2020, , .		0