

# Chang Xu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

84  
papers

1,100  
citations

18  
h-index

31  
g-index

98  
ext. papers

1,589  
ext. citations

4.7  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
84	Empirical comparisons of heterogeneity magnitudes of the risk difference, relative risk, and odds ratio.. <i>Systematic Reviews</i> , <b>2022</b> , 11, 26	3	1
83	Overconfident results with the bivariate random effects model for meta-analysis of diagnostic accuracy studies.. <i>Journal of Evidence-Based Medicine</i> , <b>2022</b> , 15, 6-9	6.1	0
82	Persistence of antibodies, boostability, and interchangeability of Japanese encephalitis vaccines: A systematic review and dose-response meta-analysis.. <i>Vaccine</i> , <b>2022</b> ,	4.1	1
81	Validity of data extraction in evidence synthesis practice of adverse events: reproducibility study.. <i>BMJ, The</i> , <b>2022</b> , 377, e069155	5.9	0
80	Research Methods for Zero Event Proportion Studies: The Incidence of Bleeding After Thoracentesis and Tube Thoracostomy in Patients With Uncorrected Coagulopathy. <i>Chest</i> , <b>2021</b> , 160, e685-e686	5.3	
79	The Freeman-Tukey double arcsine transformation for the meta-analysis of proportions: Recent criticisms were seriously misleading. <i>Journal of Evidence-Based Medicine</i> , <b>2021</b> , 14, 259	6.1	4
78	Methodological quality for systematic reviews of adverse events with surgical interventions: a cross-sectional survey. <i>BMC Medical Research Methodology</i> , <b>2021</b> , 21, 223	4.7	1
77	Association between response rates and monetary incentives in sample study: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , <b>2021</b> , 97, 501-510	2	1
76	Many meta-analyses of rare events in the Cochrane Database of Systematic Reviews were underpowered. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 131, 113-122	5.7	8
75	Double-zero-event studies matter: A re-evaluation of physical distancing, face masks, and eye protection for preventing person-to-person transmission of COVID-19 and its policy impact. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 133, 158-160	5.7	2
74	Methodological assessment of systematic reviews and meta-analyses on COVID-19: A meta-epidemiological study. <i>Journal of Evaluation in Clinical Practice</i> , <b>2021</b> , 27, 1123-1133	2.5	4
73	Metformin is comparable to insulin for pharmacotherapy in gestational diabetes mellitus: A network meta-analysis evaluating 6046 women. <i>Pharmacological Research</i> , <b>2021</b> , 167, 105546	10.2	1
72	Utilization of the evidence from studies with no events in meta-analyses of adverse events: an empirical investigation. <i>BMC Medicine</i> , <b>2021</b> , 19, 141	11.4	3
71	Reply to: Let us not rush back to odds ratios in meta-analysis. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 134, 190	5.7	
70	Methodological issues of systematic reviews and meta-analyses in the field of sleep medicine: A meta-epidemiological study. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 57, 101434	10.2	8
69	Quality versus Risk-of-Bias assessment in clinical research. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 129, 172-175	5.7	7
68	Prevalence and determinants of symptomatic COVID-19 infection among children and adolescents in Qatar: a cross-sectional analysis of 11 445 individuals. <i>Epidemiology and Infection</i> , <b>2021</b> , 149, e193	4.3	1

67	AtPHB2 regulates salt stress response in <i>Arabidopsis thaliana</i> . <i>Plant Growth Regulation</i> , <b>2021</b> , 94, 23-32	3.2	
66	Immunogenicity after pre- and post-exposure rabies vaccination: A systematic review and dose-response meta-analysis. <i>Vaccine</i> , <b>2021</b> , 39, 1044-1050	4.1	2
65	Comparison of immunogenicity and safety of licensed Japanese encephalitis vaccines: A systematic review and network meta-analysis. <i>Vaccine</i> , <b>2021</b> , 39, 4429-4436	4.1	3
64	A proposed framework to guide evidence synthesis practice for meta-analysis with zero-events studies. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 135, 70-78	5.7	18
63	Synthesis of evidence from zero-events studies: A comparison of one-stage framework methods. <i>Research Synthesis Methods</i> , <b>2021</b> ,	7.2	1
62	The odds ratio is "portable" but not the relative risk: Time to do away with the log link in binomial regression. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> ,	5.7	5
61	Empirical Comparisons of 12 Meta-analysis Methods for Synthesizing Proportions of Binary Outcomes. <i>Journal of General Internal Medicine</i> , <b>2021</b> , 1	4	3
60	Information on harm outcomes was insufficiently reported in systematic reviews and meta-analyses of individual participant data. <i>Journal of Evidence-Based Medicine</i> , <b>2021</b> ,	6.1	
59	Protocols for meta-analysis of intervention safety seldom specified methods to deal with rare events. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 128, 109-117	5.7	3
58	Questionable utility of the relative risk in clinical research: a call for change to practice. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> ,	5.7	31
57	Laplace approximation, penalized quasi-likelihood, and adaptive Gauss-Hermite quadrature for generalized linear mixed models: towards meta-analysis of binary outcome with sparse data. <i>BMC Medical Research Methodology</i> , <b>2020</b> , 20, 152	4.7	13
56	The Clinical Pharmacist-Led Consultation for Infectious Diseases in Guizhou Province, China: A Survey Among Hospital Pharmacies. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 149	5.6	1
55	Exclusion of studies with no events in both arms in meta-analysis impacted the conclusions. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 123, 91-99	5.7	19
54	Dose-Response Meta-Analysis <b>2020</b> , 267-283		0
53	Acupuncture vs Noninsertive Sham Acupuncture in Aging Patients with Degenerative Lumbar Spinal Stenosis: A Randomized Controlled Trial. <i>American Journal of Medicine</i> , <b>2020</b> , 133, 500-507.e20	2.4	7
52	Facile synthesis of tetraphenylethene-based conjugated microporous polymers as adsorbents for CO <sub>2</sub> and organic vapor uptake. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 317-321	3.6	4
51	P value-driven methods were underpowered to detect publication bias: analysis of Cochrane review meta-analyses. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 118, 86-92	5.7	41
50	Arcsine-based transformations for meta-analysis of proportions: Pros, cons, and alternatives. <i>Health Science Reports</i> , <b>2020</b> , 3, e178	2.2	47

49	Letter to the Editor From Min Gong et al: "Risk for Infections During Treatment With Denosumab for Osteoporosis: A Systematic Review and Meta-analysis". <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	
48	A systematic survey showed important limitations in the methods for assessing drug safety among systematic reviews. <i>Journal of Clinical Epidemiology</i> , <b>2020</b> , 123, 80-90	5.7	2
47	The use of one-stage meta-analytic method based on individual participant data for binary adverse events under the rule of three: a simulation study. <i>PeerJ</i> , <b>2019</b> , 7, e6295	3.1	5
46	An overview on the methodological and reporting quality of dose-response meta-analysis on cancer prevention. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2019</b> , 145, 1201-1211	4.9	4
45	Protocol registration or development may benefit the design, conduct and reporting of dose-response meta-analysis: empirical evidence from a literature survey. <i>BMC Medical Research Methodology</i> , <b>2019</b> , 19, 78	4.7	10
44	Flexible piecewise linear model for investigating dose-response relationship in meta-analysis: Methodology, examples, and comparison. <i>Journal of Evidence-Based Medicine</i> , <b>2019</b> , 12, 63-68	6.1	5
43	Assessment of the abstract reporting of systematic reviews of dose-response meta-analysis: a literature survey. <i>BMC Medical Research Methodology</i> , <b>2019</b> , 19, 148	4.7	2
42	Sedentary Behavior, Physical Activity, and All-Cause Mortality: Dose-Response and Intensity Weighted Time-Use Meta-analysis. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 1206-1212.e35	5.9	15
41	Using meta-regression approach to explore the dose-response association between acupuncture sessions and acupuncture effects on chronic prostatitis/chronic pelvic pain syndrome. <i>Annals of Translational Medicine</i> , <b>2019</b> , 7, 116	3.2	4
40	The methodological quality of dose-response meta-analyses needed substantial improvement: a cross-sectional survey and proposed recommendations. <i>Journal of Clinical Epidemiology</i> , <b>2019</b> , 107, 1-11	5.7	26
39	The reporting of safety among drug systematic reviews was poor before the implementation of the PRISMA harms checklist. <i>Journal of Clinical Epidemiology</i> , <b>2019</b> , 105, 125-135	5.7	7
38	Thoracoscopic Treatment of Late-Presenting Congenital Diaphragmatic Hernia in Infants and Children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , <b>2019</b> , 29, 77-81	2.1	2
37	Introduction to methodology of dose-response meta-analysis for binary outcome: With application on software. <i>Journal of Evidence-Based Medicine</i> , <b>2018</b> , 11, 125-129	3.9	7
36	Software and package applying for network meta-analysis: A usage-based comparative study. <i>Journal of Evidence-Based Medicine</i> , <b>2018</b> , 11, 176-183	3.9	11
35	The robust error meta-regression method for dose-response meta-analysis. <i>International Journal of Evidence-Based Healthcare</i> , <b>2018</b> , 16, 138-144	2.6	76
34	Chloroquine and hydroxychloroquine are associated with reduced cardiovascular risk: a systematic review and meta-analysis. <i>Drug Design, Development and Therapy</i> , <b>2018</b> , 12, 1685-1695	4.4	53
33	The risk of lung cancer among cooking adults: a meta-analysis of 23 observational studies. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2018</b> , 144, 229-240	4.9	17
32	Improving the quality of reporting of systematic reviews of dose-response meta-analyses: a cross-sectional survey. <i>BMC Medical Research Methodology</i> , <b>2018</b> , 18, 157	4.7	8

31	Sleep duration and risk of all-cause mortality: A flexible, non-linear, meta-regression of 40 prospective cohort studies. <i>Sleep Medicine Reviews</i> , <b>2017</b> , 32, 28-36	10.2	136
30	Effectiveness and Tolerability of Different Recommended Doses of PPIs and HRAs in GERD: Network Meta-Analysis and GRADE system. <i>Scientific Reports</i> , <b>2017</b> , 7, 41021	4.9	12
29	Acupuncture for chronic prostatitis/chronic pelvic pain syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2017</b> , 18, 616	2.8	5
28	Reply to "Sleep, mortality and beyond: A magician can't pull more from the hat than has been put in earlier". <i>Sleep Medicine Reviews</i> , <b>2017</b> , 32, 134	10.2	
27	Functional characterization of a type 2 metallothionein gene, SsMT2, from alkaline-tolerant <i>Suaeda salsa</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 17914	4.9	29
26	Incretin based treatments and mortality in patients with type 2 diabetes: systematic review and meta-analysis. <i>BMJ, The</i> , <b>2017</b> , 357, j2499	5.9	32
25	Number of parity and the risk of gallbladder cancer: a systematic review and dose-response meta-analysis of observational studies. <i>Archives of Gynecology and Obstetrics</i> , <b>2016</b> , 293, 1087-96	2.5	11
24	BDNF-ERK1/2 signaling pathway in ketamine-associated lower urinary tract symptoms. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 1387-93	2.3	10
23	The use of piecewise linear spline function on dose-response meta-analysis. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 389	3.2	3
22	Association of polymorphisms of A260G and A386G in DAZL gene with male infertility: a meta-analysis and systemic review. <i>Asian Journal of Andrology</i> , <b>2016</b> , 18, 96-101	2.8	8
21	Be care the risk of under fit in dose-response meta-analysis when using cubic spline. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 388	3.2	0
20	4-HPR impairs bladder cancer cell migration and invasion by interfering with the Wnt5a/JNK and Wnt5a/MMP-2 signaling pathways. <i>Oncology Letters</i> , <b>2016</b> , 12, 1833-1839	2.6	5
19	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 5571-5578	4.9	28
18	Synthesis of fragrance/silica nanocapsules through a sol-gel process in miniemulsions and their application as aromatic finishing agents. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 1129-1139	2.4	21
17	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6378-6385	4.9	18
16	Oral sex and risk of oral cancer: a meta-analysis of observational studies. <i>Journal of Evidence-Based Medicine</i> , <b>2015</b> , 8, 126-33	3.9	8
15	Preparation of Au/TiO <sub>2</sub> nanocomposite particles with high visible-light photocatalytic activity in inverse miniemulsions. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 277-288	2.4	8
14	Plasmakinetic resection technology for the treatment of benign prostatic hyperplasia: evidence from a systematic review and meta-analysis. <i>Scientific Reports</i> , <b>2015</b> , 5, 12002	4.9	6

13	Fruits and vegetables intake and risk of bladder cancer: a PRISMA-compliant systematic review and dose-response meta-analysis of prospective cohort studies. <i>Medicine (United States)</i> , <b>2015</b> , 94, e759	1.8	69
12	Idiopathic neonatal pneumoperitoneum with favorable outcome: A case report and review. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 6417-21	5.6	9
11	Self-Fluid Management in Prevention of Kidney Stones: A PRISMA-Compliant Systematic Review and Dose-Response Meta-Analysis of Observational Studies. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1042	1.8	27
10	Fat Intake Is Not Linked to Prostate Cancer: A Systematic Review and Dose-Response Meta-Analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131747	3.7	24
9	Signaling pathways in the development of infantile hemangioma. <i>Journal of Hematology and Oncology</i> , <b>2014</b> , 7, 13	22.4	69
8	Transumbilical two-port laparoscopic percutaneous extraperitoneal closure: a new technique for inguinal hernia repair in children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , <b>2013</b> , 23, 392-6	2.1	14
7	Clinical analysis of childhood pancreatoblastoma arising from the tail of the pancreas. <i>Journal of Pediatric Hematology/Oncology</i> , <b>2012</b> , 34, e177-81	1.2	5
6	Childhood ovarian juvenile granulosa cell tumor: a retrospective study with 3 cases including clinical features, pathologic results, and therapies. <i>Journal of Pediatric Hematology/Oncology</i> , <b>2011</b> , 33, 241-5	1.2	14
5	Images in cardiovascular medicine. Isolated finger-like left ventricular diverticulum in a stable boy. <i>Circulation</i> , <b>2009</b> , 119, 2951-4	16.7	3
4	Effect of prenatal tetrandrine administration on transforming growth factor-beta1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model. <i>Journal of Pediatric Surgery</i> , <b>2009</b> , 44, 1611-20	2.6	15
3	Depressed exocytosis and endocytosis of type II alveolar epithelial cells are responsible for the surfactant deficiency in the lung of newborn with congenital diaphragmatic hernia. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 160-2	3.8	2
2	Prenatal tetrandrine treatment can reverse the abnormal conditions in the lung of newborn with congenital diaphragmatic hernia. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 570-3	3.8	3
1	A three-dimensional electrode fabricated by electrophoretic deposition of graphene on nickel foam for structural supercapacitors. <i>New Journal of Chemistry</i> ,	3.6	1