

Chang Xu

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,068
citations

304743

22
h-index

289244

40
g-index

98
all docs

98
docs citations

98
times ranked

2881
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep duration and risk of all-cause mortality: A flexible, non-linear, meta-regression of 40 prospective cohort studies. <i>Sleep Medicine Reviews</i> , 2017, 32, 28-36.	8.5	212
2	Arcsine-based transformations for meta-analysis of proportions: Pros, cons, and alternatives. <i>Health Science Reports</i> , 2020, 3, e178.	1.5	155
3	The robust error meta-regression method for dose-response meta-analysis. <i>International Journal of Evidence-Based Healthcare</i> , 2018, 16, 138-144.	0.5	136
4	Signaling pathways in the development of infantile hemangioma. <i>Journal of Hematology and Oncology</i> , 2014, 7, 13.	17.0	95
5	Fruits and Vegetables Intake and Risk of Bladder Cancer. <i>Medicine (United States)</i> , 2015, 94, e759.	1.0	84
6	Chloroquine and hydroxychloroquine are associated with reduced cardiovascular risk: a systematic review and meta-analysis. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1685-1695.	4.3	80
7	P value-driven methods were underpowered to detect publication bias: analysis of Cochrane review meta-analyses. <i>Journal of Clinical Epidemiology</i> , 2020, 118, 86-92.	5.0	74
8	Controversy and Debate: Questionable utility of the relative risk in clinical research: Paper 1: A call for change to practice. <i>Journal of Clinical Epidemiology</i> , 2022, 142, 271-279.	5.0	73
9	Incretin based treatments and mortality in patients with type 2 diabetes: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2017, 357, j2499.	2.3	52
10	A proposed framework to guide evidence synthesis practice for meta-analysis with zero-events studies. <i>Journal of Clinical Epidemiology</i> , 2021, 135, 70-78.	5.0	49
11	Exclusion of studies with no events in both arms in meta-analysis impacted the conclusions. <i>Journal of Clinical Epidemiology</i> , 2020, 123, 91-99.	5.0	48
12	Self-Fluid Management in Prevention of Kidney Stones. <i>Medicine (United States)</i> , 2015, 94, e1042.	1.0	47
13	The methodological quality of dose-response meta-analyses needed substantial improvement: a cross-sectional survey and proposed recommendations. <i>Journal of Clinical Epidemiology</i> , 2019, 107, 1-11.	5.0	44
14	Functional characterization of a type 2 metallothionein gene, SsMT2, from alkaline-tolerant Suaeda salsa. <i>Scientific Reports</i> , 2017, 7, 17914.	3.3	43
15	Quality versus Risk-of-Bias assessment in clinical research. <i>Journal of Clinical Epidemiology</i> , 2021, 129, 172-175.	5.0	39
16	Fat Intake Is Not Linked to Prostate Cancer: A Systematic Review and Dose-Response Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0131747.	2.5	34
17	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. <i>Polymer Chemistry</i> , 2016, 7, 5571-5578.	3.9	30
18	The risk of lung cancer among cooking adults: a meta-analysis of 23 observational studies. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 229-240.	2.5	30

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19	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> , 2020, 20, 152.	3.1	30
20	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> , 2015, 293, 1129-1139.	2.1	27
21	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> , 2019, 20, 1206-1212.e3.	2.5	26
22	The Freeman-Tukey double arcsine transformation for the meta-analysis of proportions: Recent criticisms were seriously misleading. <i>Journal of Evidence-Based Medicine</i> , 2021, 14, 259-261.	1.8	26
23	Software and package applying for network meta-analysis: A usage-based comparative study. <i>Journal of Evidence-Based Medicine</i> , 2018, 11, 176-183.	2.4	24
24	Many meta-analyses of rare events in the Cochrane Database of Systematic Reviews were underpowered. <i>Journal of Clinical Epidemiology</i> , 2021, 131, 113-122.	5.0	21
25	Methodological issues of systematic reviews and meta-analyses in the field of sleep medicine: A meta-epidemiological study. <i>Sleep Medicine Reviews</i> , 2021, 57, 101434.	8.5	21
26	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 6378-6385.	3.9	20
27	A dual-responsive probe for the simultaneous monitoring of viscosity and peroxynitrite with different fluorescence signals in living cells. <i>Chemical Communications</i> , 2022, 58, 5976-5979.	4.1	20
28	The Odds Ratio is not portable across baseline risk but not the Relative Risk: Time to do away with the log link in binomial regression. <i>Journal of Clinical Epidemiology</i> , 2022, 142, 288-293.	5.0	19
29	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> , 2019, 19, 78.	3.1	18
30	Childhood Ovarian Juvenile Granulosa Cell Tumor. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, 241-245.	0.6	17
31	Utilization of the evidence from studies with no events in meta-analyses of adverse events: an empirical investigation. <i>BMC Medicine</i> , 2021, 19, 141.	5.5	17
32	Effectiveness and Tolerability of Different Recommended Doses of PPIs and H2RAs in GERD: Network Meta-Analysis and GRADE system. <i>Scientific Reports</i> , 2017, 7, 41021.	3.3	16
33	The reporting of safety among drug systematic reviews was poor before the implementation of the PRISMA harms checklist. <i>Journal of Clinical Epidemiology</i> , 2019, 105, 125-135.	5.0	16
34	Validity of data extraction in evidence synthesis practice of adverse events: reproducibility study. <i>BMJ</i> , 2022, 377, e069155.	6.0	16
35	Effect of prenatal tetrandrine administration on transforming growth factor- β 1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model. <i>Journal of Pediatric Surgery</i> , 2009, 44, 1611-1620.	1.6	15
36	Plasmakinetic resection technology for the treatment of benign prostatic hyperplasia: evidence from a systematic review and meta-analysis. <i>Scientific Reports</i> , 2015, 5, 12002.	3.3	15

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37	Empirical Comparisons of 12 Meta-analysis Methods for Synthesizing Proportions of Binary Outcomes. <i>Journal of General Internal Medicine</i> , 2022, 37, 308-317.	2.6	15
38	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> , 2013, 23, 392-396.	1.0	14
39	Idiopathic neonatal pneumoperitoneum with favorable outcome: A case report and review. <i>World Journal of Gastroenterology</i> , 2015, 21, 6417.	3.3	14
40	Introduction to methodology of doseâ€“response metaâ€“analysis for binary outcome: With application on software. <i>Journal of Evidence-Based Medicine</i> , 2018, 11, 125-129.	2.4	14
41	Immunogenicity after pre- and post-exposure rabies vaccination: A systematic review and dose-response meta-analysis. <i>Vaccine</i> , 2021, 39, 1044-1050.	3.8	14
42	Methodological assessment of systematic reviews and metaâ€“analyses on <scp>COVID</scp>â€“19: A metaâ€“epidemiological study. <i>Journal of Evaluation in Clinical Practice</i> , 2021, 27, 1123-1133.	1.8	14
43	Improving the quality of reporting of systematic reviews of dose-response meta-analyses: a cross-sectional survey. <i>BMC Medical Research Methodology</i> , 2018, 18, 157.	3.1	13
44	Acupuncture vs Noninsertive Sham Acupuncture in Aging Patients with Degenerative Lumbar Spinal Stenosis: A Randomized Controlled Trial. <i>American Journal of Medicine</i> , 2020, 133, 500-507.e20.	1.5	13
45	Synthesis of evidence from zeroâ€“events studies: A comparison of oneâ€“stage framework methods. <i>Research Synthesis Methods</i> , 2022, 13, 176-189.	8.7	13
46	Number of parity and the risk of gallbladder cancer: a systematic review and doseâ€“response meta-analysis of observational studies. <i>Archives of Gynecology and Obstetrics</i> , 2016, 293, 1087-1096.	1.7	12
47	Comparison of immunogenicity and safety of licensed Japanese encephalitis vaccines: A systematic review and network meta-analysis. <i>Vaccine</i> , 2021, 39, 4429-4436.	3.8	12
48	Oral sex and risk of oral cancer: a meta-analysis of observational studies. <i>Journal of Evidence-Based Medicine</i> , 2015, 8, 126-133.	2.4	11
49	Preparation of Au/TiO ₂ nanocomposite particles with high visible-light photocatalytic activity in inverse miniemulsions. <i>Colloid and Polymer Science</i> , 2015, 293, 277-288.	2.1	11
50	BDNF-ERK1/2 signaling pathway in ketamine-associated lower urinary tract symptoms. <i>International Urology and Nephrology</i> , 2016, 48, 1387-1393.	1.4	11
51	Flexible piecewise linear model for investigating doseâ€“response relationship in metaâ€“analysis: Methodology, examples, and comparison. <i>Journal of Evidence-Based Medicine</i> , 2019, 12, 63-68.	1.8	11
52	Association between response rates and monetary incentives in sample study: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2021, 97, 501-510.	1.8	11
53	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> , 2016, 18, 96.	1.6	11
54	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> , 2019, 7, 116-116.	1.7	11

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55	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> , 2019, 7, e6295.	2.0	10
56	Facile synthesis of tetraphenylethene-based conjugated microporous polymers as adsorbents for CO ₂ and organic vapor uptake. <i>New Journal of Chemistry</i> , 2020, 44, 317-321.	2.8	10
57	Metformin is comparable to insulin for pharmacotherapy in gestational diabetes mellitus: A network meta-analysis evaluating 6046 women. <i>Pharmacological Research</i> , 2021, 167, 105546.	7.1	10
58	Rapid evidence synthesis approach for limits on the search date: How rapid could it be?. <i>Research Synthesis Methods</i> , 2022, 13, 68-76.	8.7	10
59	Protocols for meta-analysis of intervention safety seldom specified methods to deal with rare events. <i>Journal of Clinical Epidemiology</i> , 2020, 128, 109-117.	5.0	8
60	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> , 2021, 149, e193.	2.1	8
61	Clinical Analysis of Childhood Pancreatoblastoma Arising From the Tail of the Pancreas. <i>Journal of Pediatric Hematology/Oncology</i> , 2012, 34, e177-e181.	0.6	7
62	Empirical comparisons of heterogeneity magnitudes of the risk difference, relative risk, and odds ratio. <i>Systematic Reviews</i> , 2022, 11, 26.	5.3	7
63	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> , 2016, 12, 1833-1839.	1.8	6
64	Acupuncture for chronic prostatitis/chronic pelvic pain syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 616.	1.6	6
65	Amino-based covalent organic frameworks for a wide range of functional modification. <i>New Journal of Chemistry</i> , 0, , .	2.8	6
66	Assessment of the abstract reporting of systematic reviews of dose-response meta-analysis: a literature survey. <i>BMC Medical Research Methodology</i> , 2019, 19, 148.	3.1	5
67	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> , 2019, 145, 1201-1211.	2.5	5
68	The Clinical Pharmacist-Led Consultation for Infectious Diseases in Guizhou Province, China: A Survey Among Hospital Pharmacies. <i>Frontiers in Pharmacology</i> , 2020, 11, 149.	3.5	5
69	A systematic survey showed important limitations in the methods for assessing drug safety among systematic reviews. <i>Journal of Clinical Epidemiology</i> , 2020, 123, 80-90.	5.0	5
70	Persistence of antibodies, boostability, and interchangeability of Japanese encephalitis vaccines: A systematic review and dose-response meta-analysis. <i>Vaccine</i> , 2022, 40, 3546-3555.	3.8	5
71	Prenatal tetrandrine treatment can reverse the abnormal conditions in the lung of newborn with congenital diaphragmatic hernia. <i>Medical Hypotheses</i> , 2009, 72, 570-573.	1.5	4
72	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> , 2021, 133, 158-160.	5.0	4

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73	The use of piecewise linear spline function on dose-response meta-analysis. <i>Annals of Translational Medicine</i> , 2016, 4, 389-389.	1.7	4
74	Isolated Finger-Like Left Ventricular Diverticulum in a Stable Boy. <i>Circulation</i> , 2009, 119, 2951-2954.	1.6	3
75	Thoroscopic Treatment of Late-Presenting Congenital Diaphragmatic Hernia in Infants and Children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2019, 29, 77-81.	1.0	3
76	A three-dimensional electrode fabricated by electrophoretic deposition of graphene on nickel foam for structural supercapacitors. <i>New Journal of Chemistry</i> , 2021, 45, 18567-18574.	2.8	3
77	Methodological quality for systematic reviews of adverse events with surgical interventions: a cross-sectional survey. <i>BMC Medical Research Methodology</i> , 2021, 21, 223.	3.1	3
78	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> , 2009, 72, 160-162.	1.5	2
79	Overconfident results with the bivariate random effects model for meta-analysis of diagnostic accuracy studies. <i>Journal of Evidence-Based Medicine</i> , 2022, 15, 6-9.	1.8	2
80	Be care the risk of under fit in dose-response meta-analysis when using cubic spline. <i>Annals of Translational Medicine</i> , 2016, 4, 388-388.	1.7	1
81	Synthesizing evidence from the earliest studies to support decision-making: To what extent could the evidence be reliable?. <i>Research Synthesis Methods</i> , 2022, 13, 632-644.	8.7	1
82	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> , 2017, 32, 134.	8.5	0
83	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> , 2020, 105, e3494-e3495.	3.6	0
84	AtPHB2 regulates salt stress response in <i>Arabidopsis thaliana</i> . <i>Plant Growth Regulation</i> , 2021, 94, 23-32.	3.4	0
85	Reply to: Let us not rush back to odds ratios in meta-analysis. <i>Journal of Clinical Epidemiology</i> , 2021, 134, 190.	5.0	0
86	Information on harm outcomes was insufficiently reported in systematic reviews and meta-analyses of individual participant data. <i>Journal of Evidence-Based Medicine</i> , 2021, 14, 265-268.	1.8	0
87	Research Methods for Zero Event Proportion Studies. <i>Chest</i> , 2021, 160, e685-e686.	0.8	0
88	Evidence synthesis practice: why we cannot ignore studies with no events?. <i>Journal of General Internal Medicine</i> , 0, , .	2.6	0
89	An active tumor-targeting organic photochemotherapy agent with naproxen for enhanced cancer therapy. <i>Chemical Communications</i> , 0, , .	4.1	0