Chang Xu

List of Publications by Year
in descending order

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89	2,068	304368	288905
papers	citations	22 h-index	40 g-index

98	98	98	2881
all docs	docs citations	times ranked	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. Sleep Medicine Reviews, 2017, 32, 28-36.	3.8	212
2	Arcsineâ€based transformations for metaâ€analysis of proportions: Pros, cons, and alternatives. Health Science Reports, 2020, 3, e178.	0.6	155
3	The robust error meta-regression method for doseâ€“response meta-analysis. International Journal of Evidence-Based Healthcare, 2018, 16, 138-144.	0.1	136
4	Signaling pathways in the development of infantile hemangioma. Journal of Hematology and Oncology, 2014, 7, 13.	6.9	95
5	Fruits and Vegetables Intake and Risk of Bladder Cancer. Medicine (United States), 2015, 94, e759.	0.4	84
6	Chloroquine and hydroxychloroquine are associated with reduced cardiovascular risk: a systematic review and meta-analysis. Drug Design, Development and Therapy, 2018, Volume 12, 1685-1695.	2.0	80
7	P valueâ€“driven methods were underpowered to detect publication bias: analysis of Cochrane review meta-analyses. Journal of Clinical Epidemiology, 2020, 118, 86-92.	2.4	74
8	Controversy and Debate: Questionable utility of the relative risk in clinical research: Paper 1: A call for change to practice. Journal of Clinical Epidemiology, 2022, 142, 271-279.	2.4	73
9	Incretin based treatments and mortality in patients with type 2 diabetes: systematic review and meta-analysis. BMJ: British Medical Journal, 2017, 357, j2499.	2.4	52
10	A proposed framework to guide evidence synthesis practice for meta-analysis with zero-events studies. Journal of Clinical Epidemiology, 2021, 135, 70-78.	2.4	49
11	Exclusion of studies with no events in both arms in meta-analysis impacted the conclusions. Journal of Clinical Epidemiology, 2020, 123, 91-99.	2.4	48
12	Self-Fluid Management in Prevention of Kidney Stones. Medicine (United States), 2015, 94, e1042.	0.4	47
13	The methodological quality of dose-response meta-analyses needed substantial improvement: a cross-sectional survey and proposed recommendations. Journal of Clinical Epidemiology, 2019, 107, 1-11.	2.4	44
14	Functional characterization of a type 2 metallothionein gene, SsMT2, from alkaline-tolerant Suaeda salsa. Scientific Reports, 2017, 7, 17914.	1.6	43
15	Quality versus Risk-of-Bias assessment in clinical research. Journal of Clinical Epidemiology, 2021, 129, 172-175.	2.4	39
16	Fat Intake Is Not Linked to Prostate Cancer: A Systematic Review and Dose-Response Meta-Analysis. PLoS ONE, 2015, 10, e0131747.	1.1	34
17	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. Polymer Chemistry, 2016, 7, 5571-5578.	1.9	30
18	The risk of lung cancer among cooking adults: a meta-analysis of 23 observational studies. Journal of Cancer Research and Clinical Oncology, 2018, 144, 229-240.	1.2	30

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19	Laplace approximation, penalized quasi-likelihood, and adaptive Gaussâ€“Hermite quadrature for generalized linear mixed models: towards meta-analysis of binary outcome with sparse data. BMC Medical Research Methodology, 2020, 20, 152.	1.4	30
20	Synthesis of fragrance/silica nanocapsules through a solâ€“gel process in miniemulsions and their application as aromatic finishing agents. Colloid and Polymer Science, 2015, 293, 1129-1139.	1.0	27
21	Sedentary Behavior, Physical Activity, and All-Cause Mortality: Dose-Response and Intensity Weighted Time-Use Meta-analysis. Journal of the American Medical Directors Association, 2019, 20, 1206-1212.e3.	1.2	26
22	The Freemanâ€“Tukey double arcsine transformation for the metaâ€analysis of proportions: Recent criticisms were seriously misleading. Journal of Evidence-Based Medicine, 2021, 14, 259-261.	0.7	26
23	Software and package applicating for network metaâ€analysis: A usageâ€based comparative study. Journal of Evidence-Based Medicine, 2018, 11, 176-183.	2.4	24
24	Many meta-analyses of rare events in the Cochrane Database of Systematic Reviews were underpowered. Journal of Clinical Epidemiology, 2021, 131, 113-122.	2.4	21
25	Methodological issues of systematic reviews and meta-analyses in the field of sleep medicine: A meta-epidemiological study. Sleep Medicine Reviews, 2021, 57, 101434.	3.8	21
26	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. Polymer Chemistry, 2015, 6, 6378-6385.	1.9	20
27	A dual-responsive probe for the simultaneous monitoring of viscosity and peroxynitrite with different fluorescence signals in living cells. Chemical Communications, 2022, 58, 5976-5979.	2.2	20
28	The Odds Ratio is â€œportableâ€•across baseline risk but not the Relative Risk: Time to do away with the log link in binomial regression. Journal of Clinical Epidemiology, 2022, 142, 288-293.	2.4	19
29	Protocol registration or development may benefit the design, conduct and reporting of dose-response meta-analysis: empirical evidence from a literature survey. BMC Medical Research Methodology, 2019, 19, 78.	1.4	18
30	Childhood Ovarian Juvenile Granulosa Cell Tumor. Journal of Pediatric Hematology/Oncology, 2011, 33, 241-245.	0.3	17
31	Utilization of the evidence from studies with no events in meta-analyses of adverse events: an empirical investigation. BMC Medicine, 2021, 19, 141.	2.3	17
32	Effectiveness and Tolerability of Different Recommended Doses of PPIs and H2RAs in GERD: Network Meta-Analysis and GRADE system. Scientific Reports, 2017, 7, 41021.	1.6	16
33	The reporting of safety among drug systematic reviews was poor before the implementation of the PRISMA harms checklist. Journal of Clinical Epidemiology, 2019, 105, 125-135.	2.4	16
34	Validity of data extraction in evidence synthesis practice of adverse events: reproducibility study. BMJ, The, 2022, 377, e069155.	3.0	16
35	Effect of prenatal tetrandrine administration on transforming growth factor-Î²1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model. Journal of Pediatric Surgery, 2009, 44, 1611-1620.	0.8	15
36	Plasmakinetic resection technology for the treatment of benign prostatic hyperplasia: evidence from a systematic review and meta-analysis. Scientific Reports, 2015, 5, 12002.	1.6	15

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37	Empirical Comparisons of 12 Meta-analysis Methods for Synthesizing Proportions of Binary Outcomes. Journal of General Internal Medicine, 2022, 37, 308-317.	1.3	15
38	Transumbilical Two-Port Laparoscopic Percutaneous Extraperitoneal Closure: A New Technique for Inguinal Hernia Repair in Children. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2013, 23, 392-396.	0.5	14
39	Idiopathic neonatal pneumoperitoneum with favorable outcome: A case report and review. World Journal of Gastroenterology, 2015, 21, 6417.	1.4	14
40	Introduction to methodology of doseâ€"response metaâ€analysis for binary outcome: With application on software. Journal of Evidence-Based Medicine, 2018, 11, 125-129.	2.4	14
41	Immunogenicity after pre- and post-exposure rabies vaccination: A systematic review and dose-response meta-analysis. Vaccine, 2021, 39, 1044-1050.	1.7	14
42	Methodological assessment of systematic reviews and metaâ€analyses on <scp>COVID</scp>â€19: A metaâ€epidemiological study. Journal of Evaluation in Clinical Practice, 2021, 27, 1123-1133.	0.9	14
43	Improving the quality of reporting of systematic reviews of dose-response meta-analyses: a cross-sectional survey. BMC Medical Research Methodology, 2018, 18, 157.	1.4	13
44	Acupuncture vs Noninsertive Sham Acupuncture in Aging Patients with Degenerative Lumbar Spinal Stenosis: A Randomized Controlled Trial. American Journal of Medicine, 2020, 133, 500-507.e20.	0.6	13
45	Synthesis of evidence from zeroâ€events studies: A comparison of oneâ€stage framework methods. Research Synthesis Methods, 2022, 13, 176-189.	4.2	13
46	Number of parity and the risk of gallbladder cancer: a systematic review and doseâ€"response meta-analysis of observational studies. Archives of Gynecology and Obstetrics, 2016, 293, 1087-1096.	0.8	12
47	Comparison of immunogenicity and safety of licensed Japanese encephalitis vaccines: A systematic review and network meta-analysis. Vaccine, 2021, 39, 4429-4436.	1.7	12
48	Oral sex and risk of oral cancer: a meta-analysis of observational studies. Journal of Evidence-Based Medicine, 2015, 8, 126-133.	2.4	11
49	Preparation of Au/TiO2 nanocomposite particles with high visible-light photocatalytic activity in inverse miniemulsions. Colloid and Polymer Science, 2015, 293, 277-288.	1.0	11
50	BDNF-ERK1/2 signaling pathway in ketamine-associated lower urinary tract symptoms. International Urology and Nephrology, 2016, 48, 1387-1393.	0.6	11
51	Flexible piecewise linear model for investigating doseâ€response relationship in metaâ€analysis: Methodology, examples, and comparison. Journal of Evidence-Based Medicine, 2019, 12, 63-68.	0.7	11
52	Association between response rates and monetary incentives in sample study: a systematic review and meta-analysis. Postgraduate Medical Journal, 2021, 97, 501-510.	0.9	11
53	Association of polymorphisms of A260G and A386G in DAZL gene with male infertility: a meta-analysis and systemic review. Asian Journal of Andrology, 2016, 18, 96.	0.8	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. Annals of Translational Medicine, 2019, 7, 116-116.	0.7	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. PeerJ, 2019, 7, e6295.	0.9	10
56	Facile synthesis of tetraphenylethene-based conjugated microporous polymers as adsorbents for CO₂ and organic vapor uptake. New Journal of Chemistry, 2020, 44, 317-321.	1.4	10
57	Metformin is comparable to insulin for pharmacotherapy in gestational diabetes mellitus: A network meta-analysis evaluating 6046 women. Pharmacological Research, 2021, 167, 105546.	3.1	10
58	Rapid evidence synthesis approach for limits on the search date: How rapid could it be?. Research Synthesis Methods, 2022, 13, 68-76.	4.2	10
59	Protocols for meta-analysis of intervention safety seldom specified methods to deal with rare events. Journal of Clinical Epidemiology, 2020, 128, 109-117.	2.4	8
60	Prevalence and determinants of symptomatic COVID-19 infection among children and adolescents in Qatar: a cross-sectional analysis of 11 445 individuals. Epidemiology and Infection, 2021, 149, e193.	1.0	8
61	Clinical Analysis of Childhood Pancreatoblastoma Arising From the Tail of the Pancreas. Journal of Pediatric Hematology/Oncology, 2012, 34, e177-e181.	0.3	7
62	Empirical comparisons of heterogeneity magnitudes of the risk difference, relative risk, and odds ratio. Systematic Reviews, 2022, 11, 26.	2.5	7
63	4-HPR impairs bladder cancer cell migration and invasion by interfering with the Wnt5a/JNK and Wnt5a/MMP-2 signaling pathways. Oncology Letters, 2016, 12, 1833-1839.	0.8	6
64	Acupuncture for chronic prostatitis/chronic pelvic pain syndrome: study protocol for a randomized controlled trial. Trials, 2017, 18, 616.	0.7	6
65	Amino-based covalent organic frameworks for a wide range of functional modification. New Journal of Chemistry, 0, , .	1.4	6
66	Assessment of the abstract reporting of systematic reviews of dose-response meta-analysis: a literature survey. BMC Medical Research Methodology, 2019, 19, 148.	1.4	5
67	An overview on the methodological and reporting quality of doseâ€“response meta-analysis on cancer prevention. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1201-1211.	1.2	5
68	The Clinical Pharmacist-Led Consultation for Infectious Diseases in Guizhou Province, China: A Survey Among Hospital Pharmacies. Frontiers in Pharmacology, 2020, 11, 149.	1.6	5
69	A systematic survey showed important limitations in the methods for assessing drug safety among systematic reviews. Journal of Clinical Epidemiology, 2020, 123, 80-90.	2.4	5
70	Persistence of antibodies, boostability, and interchangeability of Japanese encephalitis vaccines: A systematic review and dose-response meta-analysis. Vaccine, 2022, 40, 3546-3555.	1.7	5
71	Prenatal tetrandrine treatment can reverse the abnormal conditions in the lung of newborn with congenital diaphragmatic hernia. Medical Hypotheses, 2009, 72, 570-573.	0.8	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. Journal of Clinical Epidemiology, 2021, 133, 158-160.	2.4	4

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73	The use of piecewise linear spline function on dose-response meta-analysis. Annals of Translational Medicine, 2016, 4, 389-389.	0.7	4
74	Isolated Finger-Like Left Ventricular Diverticulum in a Stable Boy. Circulation, 2009, 119, 2951-2954.	1.6	3
75	Thoracoscopic Treatment of Late-Presenting Congenital Diaphragmatic Hernia in Infants and Children. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2019, 29, 77-81.	0.5	3
76	A three-dimensional electrode fabricated by electrophoretic deposition of graphene on nickel foam for structural supercapacitors. New Journal of Chemistry, 2021, 45, 18567-18574.	1.4	3
77	Methodological quality for systematic reviews of adverse events with surgical interventions: a cross-sectional survey. BMC Medical Research Methodology, 2021, 21, 223.	1.4	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. Medical Hypotheses, 2009, 72, 160-162.	0.8	2
79	Overconfident results with the bivariate random effects model for metaâ€analysis of diagnostic accuracy studies. Journal of Evidence-Based Medicine, 2022, 15, 6-9.	0.7	2
80	Be care the risk of under fit in dose-response meta-analysis when using cubic spline. Annals of Translational Medicine, 2016, 4, 388-388.	0.7	1
81	Synthesizing evidence from the earliest studies to support decisionâ€making: To what extent could the evidence be reliable?. Research Synthesis Methods, 2022, 13, 632-644.	4.2	1
82	Reply to â€œSleep, mortality and beyond: A magician can't pull more from the hat than has been put in earlierâ€. Sleep Medicine Reviews, 2017, 32, 134.	3.8	0
83	Letter to the Editor From Min Gong et al: â€œRisk for Infections During Treatment With Denosumab for Osteoporosis: A Systematic Review and Meta-analysisâ€. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3494-e3495.	1.8	0
84	AtPHB2 regulates salt stress response in Arabidopsis thaliana. Plant Growth Regulation, 2021, 94, 23-32.	1.8	0
85	Reply to: Let us not rush back to odds ratios in meta-analysis. Journal of Clinical Epidemiology, 2021, 134, 190.	2.4	0
86	Information on harm outcomes was insufficiently reported in systematic reviews and metaâ€analyses of individual participant data. Journal of Evidence-Based Medicine, 2021, 14, 265-268.	0.7	0
87	Research Methods for Zero Event Proportion Studies. Chest, 2021, 160, e685-e686.	0.4	0
88	Evidence synthesis practice: why we cannot ignore studies with no events?. Journal of General Internal Medicine, 0, , .	1.3	0
89	An active tumor-targeting organic photochemotherapy agent with naproxen for enhanced cancer therapy. Chemical Communications, 0, , .	2.2	0