

Nan Jiang

List of Publications by Year in descending order

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112
papers

2,612
citations

236925

25
h-index

233421

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g-index

112
all docs

112
docs citations

112
times ranked

2627
citing authors

#	ARTICLE	IF	CITATIONS
1	High-silica zeolites for adsorption of organic micro-pollutants in water treatment: A review. <i>Water Research</i> , 2018, 144, 145-161.	11.3	347
2	Operative versus nonoperative treatment for acute Achilles tendon rupture: a meta-analysis based on current evidence. <i>International Orthopaedics</i> , 2012, 36, 765-773.	1.9	140
3	Surgical versus nonsurgical treatment of displaced intra-articular calcaneal fracture: a meta-analysis of current evidence base. <i>International Orthopaedics</i> , 2012, 36, 1615-1622.	1.9	114
4	Pigmented Villonodular Synovitis: A Retrospective Multicenter Study of 237 Cases. <i>PLoS ONE</i> , 2015, 10, e0121451.	2.5	85
5	A two-stage privacy protection mechanism based on blockchain in mobile crowdsourcing. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2058-2080.	5.7	75
6	Single-bundle versus double-bundle anterior cruciate ligament reconstruction: an up-to-date meta-analysis. <i>International Orthopaedics</i> , 2013, 37, 213-226.	1.9	72
7	Clinical Characteristics and Treatment of Extremity Chronic Osteomyelitis in Southern China. <i>Medicine (United States)</i> , 2015, 94, e1874.	1.0	70
8	Sensor network oriented human motion capture via wearable intelligent system. <i>International Journal of Intelligent Systems</i> , 2022, 37, 1646-1673.	5.7	68
9	Toward optimal participant decisions with voting-based incentive model for crowd sensing. <i>Information Sciences</i> , 2020, 512, 1-17.	6.9	65
10	MAN: Mutual Attention Neural Networks Model for Aspect-Level Sentiment Classification in SIoT. <i>IEEE Internet of Things Journal</i> , 2020, 7, 2901-2913.	8.7	56
11	Knockdown of UBE2T Inhibits Osteosarcoma Cell Proliferation, Migration, and Invasion by Suppressing the PI3K/Akt Signaling Pathway. <i>Oncology Research</i> , 2016, 24, 361-369.	1.5	50
12	Privacy Protection Based on Stream Cipher for Spatiotemporal Data in IoT. <i>IEEE Internet of Things Journal</i> , 2020, 7, 7928-7940.	8.7	50
13	The adsorption mechanisms of organic micropollutants on high-silica zeolites causing S-shaped adsorption isotherms: An experimental and Monte Carlo simulation study. <i>Chemical Engineering Journal</i> , 2020, 389, 123968.	12.7	49
14	Efficient privacy-preserving authentication protocol using PUFs with blockchain smart contracts. <i>Computers and Security</i> , 2020, 97, 101958.	6.0	49
15	Numerical analysis of two ensemble eddy viscosity numerical regularizations of fluid motion. <i>Numerical Methods for Partial Differential Equations</i> , 2015, 31, 630-651.	3.6	43
16	The comparison of adductor canal block with femoral nerve block following total knee arthroplasty: a systematic review with meta-analysis. <i>Journal of Anesthesia</i> , 2016, 30, 745-754.	1.7	39
17	Does social capital influence preferences for aging in place? Evidence from urban China. <i>Aging and Mental Health</i> , 2018, 22, 405-411.	2.8	35
18	A second-order ensemble method based on a blended backward differentiation formula timestepping scheme for time-dependent Navier-Stokes equations. <i>Numerical Methods for Partial Differential Equations</i> , 2017, 33, 34-61.	3.6	34

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19	Intra-articular lidocaine versus intravenous analgesia and sedation for manual closed reduction of acute anterior shoulder dislocation: an updated meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2014, 26, 350-359.	1.6	33
20	A Higher Order Ensemble Simulation Algorithm for Fluid Flows. <i>Journal of Scientific Computing</i> , 2015, 64, 264-288.	2.3	32
21	Femoral Version, Neck-Shaft Angle, and Acetabular Anteversion in Chinese Han Population. <i>Medicine (United States)</i> , 2015, 94, e891.	1.0	32
22	<i>Eucommia ulmoides</i> Oliv. bark aqueous extract inhibits osteoarthritis in a rat model of osteoarthritis. <i>Journal of Ethnopharmacology</i> , 2015, 162, 148-154.	4.1	32
23	An artificial compressibility ensemble algorithm for a stochastic Stokes-Darcy model with random hydraulic conductivity and interface conditions. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 712-739.	2.8	31
24	Analysis of Model Variance for Ensemble Based Turbulence Modeling. <i>Computational Methods in Applied Mathematics</i> , 2015, 15, 173-188.	0.8	30
25	PAN: Pipeline assisted neural networks model for data-to-text generation in social internet of things. <i>Information Sciences</i> , 2020, 530, 167-179.	6.9	30
26	Novel bone substitute composed of chitosan and strontium-doped β -calcium sulfate hemihydrate: Fabrication, characterisation and evaluation of biocompatibility. <i>Materials Science and Engineering C</i> , 2016, 66, 84-91.	7.3	27
27	<i>Kingella kingae</i> Associated Pediatric Osteoarticular Infections. <i>Clinical Pediatrics</i> , 2016, 55, 1328-1337.	0.8	26
28	Possibility of one-stage surgery to reconstruct bone defects using the modified Masquelet technique with degradable calcium sulfate as a cement spacer: A case report and hypothesis. <i>Biomedical Reports</i> , 2016, 4, 374-378.	2.0	26
29	Calcium sulfate induced versus PMMA-induced membrane in a critical-sized femoral defect in a rat model. <i>Scientific Reports</i> , 2018, 8, 637.	3.3	26
30	An efficient ensemble algorithm for numerical approximation of stochastic Stokes-Darcy equations. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 343, 249-275.	6.6	26
31	Association of vitamin D receptor gene TaqI, BsmI, FokI and Apal polymorphisms and susceptibility to extremity chronic osteomyelitis in Chinese population. <i>Injury</i> , 2016, 47, 1655-1660.	1.7	25
32	Electronic cigarette marketing tactics in mainland China. <i>Tobacco Control</i> , 2017, 26, 230-232.	3.2	25
33	Health Care Costs of Post-traumatic Osteomyelitis in China: Current Situation and Influencing Factors. <i>Journal of Surgical Research</i> , 2020, 247, 356-363.	1.6	24
34	Is surgical treatment better than conservative treatment for primary patellar dislocations? A meta-analysis of randomized controlled trials. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 371-379.	2.4	23
35	Cyclooxygenase-2 (COX-2) polymorphism rs689466 may contribute to the increased susceptibility to post-traumatic osteomyelitis in Chinese population. <i>Infectious Diseases</i> , 2017, 49, 817-823.	2.8	22
36	Intertrochanteric fracture: Association between the coronal position of the lag screw and stress distribution. <i>Asian Journal of Surgery</i> , 2018, 41, 241-249.	0.4	22

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37	Chinese expert consensus on diagnosis and treatment of infection after fracture fixation. <i>Injury</i> , 2019, 50, 1952-1958.	1.7	22
38	An optimally accurate discrete regularization for second order timestepping methods for Navier–Stokes equations. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 310, 388-405.	6.6	21
39	G-CSF partially mediates bone loss induced by <i>Staphylococcus aureus</i> infection in mice. <i>Clinical Science</i> , 2019, 133, 1297-1308.	4.3	20
40	Trust-aware generative adversarial network with recurrent neural network for recommender systems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 778-795.	5.7	20
41	An Artificial Compressibility Crank–Nicolson Leap-Frog Method for the Stokes–Darcy Model and Application in Ensemble Simulations. <i>SIAM Journal on Numerical Analysis</i> , 2021, 59, 401-428.	2.3	20
42	A retrospective analysis of 140 patients with giant cell tumor in the extremity: A multicenter study based on four hospitals in South China. <i>Cancer Epidemiology</i> , 2013, 37, 294-299.	1.9	18
43	Public Support for Electronic Cigarette Regulation in Hong Kong: A Population-Based Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 709.	2.6	18
44	Perceptions about the Federally Mandated Smoke-Free Housing Policy among Residents Living in Public Housing in New York City. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2062.	2.6	18
45	An efficient, partitioned ensemble algorithm for simulating ensembles of evolutionary MHD flows at low magnetic Reynolds number. <i>Numerical Methods for Partial Differential Equations</i> , 2018, 34, 2129-2152.	3.6	18
46	Neighborhood-based social capital and cognitive function among older adults in five low- and middle-income countries: Evidence from the World Health Organization Study on global AGEing and adult health. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 365-375.	2.7	18
47	A Crank–Nicolson Leapfrog stabilization: Unconditional stability and two applications. <i>Journal of Computational and Applied Mathematics</i> , 2015, 281, 263-276.	2.0	17
48	Management of Pediatric Forearm Torus Fractures. <i>Pediatric Emergency Care</i> , 2016, 32, 773-778.	0.9	17
49	Serum TNF- α , erythrocyte sedimentation rate and IL-6 are more valuable biomarkers for assisted diagnosis of extremity chronic osteomyelitis. <i>Biomarkers in Medicine</i> , 2017, 11, 597-605.	1.4	17
50	Communication-efficient outsourced privacy-preserving classification service using trusted processor. <i>Information Sciences</i> , 2019, 505, 473-486.	6.9	16
51	Representation and processing of lexical bundles: Evidence from word monitoring. <i>System</i> , 2019, 80, 188-198.	3.4	16
52	Fascia Iliaca Compartment Block for Perioperative Pain Management of Geriatric Patients with Hip Fractures: A Systematic Review of Randomized Controlled Trials. <i>Pain Research and Management</i> , 2020, 2020, 1-12.	1.8	16
53	Adult Children's Education and Later-Life Health of Parents in China: The Intergenerational Effects of Human Capital Investment. <i>Social Indicators Research</i> , 2019, 145, 257-278.	2.7	15
54	Stabilized Scalar Auxiliary Variable Ensemble Algorithms for Parameterized Flow Problems. <i>SIAM Journal of Scientific Computing</i> , 2021, 43, A2869-A2896.	2.8	15

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55	Fast and Reliable Missing Tag Detection for Multiple-Group RFID Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 2656-2664.	11.3	14
56	Research on 3D medical image surface reconstruction based on data mining and machine learning. International Journal of Intelligent Systems, 0, , .	5.7	14
57	Analytic Versus Holistic Recognition of Chinese Words Among L2 Learners. Modern Language Journal, 2020, 104, 567-580.	2.3	13
58	Effect of Treadmill Exercise Timing on Repair of Full-Thickness Defects of Articular Cartilage by Bone-Derived Mesenchymal Stem Cells: An Experimental Investigation in Rats. PLoS ONE, 2014, 9, e90858.	2.5	13
59	Implementing the Federal Smoke-Free Public Housing Policy in New York City: Understanding Challenges and Opportunities for Improving Policy Impact. International Journal of Environmental Research and Public Health, 2021, 18, 12565.	2.6	13
60	Three-Party Evolutionary Game Model of Stakeholders in Mobile Crowdsourcing. IEEE Transactions on Computational Social Systems, 2022, 9, 974-985.	4.4	13
61	Analysis and approximation of a fractional Laplacian-based closure model for turbulent flows and its connection to Richardson pair dispersion. Computers and Mathematics With Applications, 2018, 75, 1973-2001.	2.7	12
62	Pain perception of older adults in nursing home and home care settings: evidence from China. BMC Geriatrics, 2018, 18, 152.	2.7	12
63	DAP: Efficient Detection Against Probabilistic Cloning Attacks in Anonymous RFID Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 345-355.	11.3	12
64	Algorithms and models for turbulence not at statistical equilibrium. Computers and Mathematics With Applications, 2016, 71, 2352-2372.	2.7	11
65	Culture, Labor Supply, and Fertility Across Immigrant Generations in the United States. Feminist Economics, 2020, 26, 154-178.	4.1	11
66	VRConvMF: Visual Recurrent Convolutional Matrix Factorization for Movie Recommendation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 519-529.	4.9	11
67	Predicting adsorption isotherms of organic micropollutants by high-silica zeolite mixtures. Separation and Purification Technology, 2022, 282, 120009.	7.9	11
68	Analysis of a Stabilized CNLF Method with Fast Slow Wave Splittings for Flow Problems. Computational Methods in Applied Mathematics, 2015, 15, 307-330.	0.8	10
69	Clinical characteristics, treatment, and prognosis of squamous cell carcinoma arising from extremity chronic osteomyelitis: a synthesis analysis of one hundred and seventy six reported cases. International Orthopaedics, 2020, 44, 2457-2471.	1.9	10
70	Associations between Interleukin Gene Polymorphisms and Risks of Developing Extremity Posttraumatic Osteomyelitis in Chinese Han Population. Mediators of Inflammation, 2020, 2020, 1-9.	3.0	10
71	SAN: Attention-based social aggregation neural networks for recommendation system. International Journal of Intelligent Systems, 2022, 37, 3373-3393.	5.7	10
72	Adaptation and Assessment of a Text Messaging Smoking Cessation Intervention in Vietnam: Pilot Randomized Controlled Trial. JMIR MHealth and UHealth, 2021, 9, e27478.	3.7	10

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73	Gaussian based gradient-based optimization: Towards mitigating the performance concerns. International Journal of Intelligent Systems, 2022, 37, 3193-3254.	5.7	9
74	A rabbit model of implant-related osteomyelitis inoculated with biofilm after open femoral fracture. Experimental and Therapeutic Medicine, 2017, 14, 4995-5001.	1.8	8
75	Interleukin-1 Beta Gene Polymorphism rs16944 May Associate with Increased Susceptibility to Extremity Chronic Osteomyelitis in Chinese Han Population. BioMed Research International, 2019, 2019, 1-9.	1.9	8
76	MAFI: GNN-Based Multiple Aggregators and Feature Interactions Network for Fraud Detection Over Heterogeneous Graph. IEEE Transactions on Big Data, 2022, 8, 905-919.	6.1	8
77	Incidence and risk factors of preoperative deep venous thrombosis following hip fracture: a retrospective analysis of 293 consecutive patients. European Journal of Trauma and Emergency Surgery, 2022, 48, 3141-3147.	1.7	8
78	Correlates of Mental Illness and Health Categories among Older Adults in China: An Empirical Study Based on the Two Continua Model. Clinical Gerontologist, 2019, 42, 80-89.	2.2	7
79	Is Hypercalcemia a Frequent Complication following Local Use of Calcium Sulfate with Antibiotics for the Treatment of Extremity Posttraumatic Osteomyelitis? A Preliminary Study. BioMed Research International, 2019, 2019, 1-7.	1.9	7
80	Semi-Direct Monocular Visual-Inertial Odometry Using Point and Line Features for IoV. ACM Transactions on Internet Technology, 2022, 22, 1-23.	4.4	7
81	A second order ensemble method with different subdomain time steps for simulating coupled surface-groundwater flows. Numerical Methods for Partial Differential Equations, 2022, 38, 1880-1907.	3.6	7
82	Interleukin-6 versus Common Inflammatory Biomarkers for Diagnosing Fracture-Related Infection: Utility and Potential Influencing Factors. Journal of Immunology Research, 2021, 2021, 1-11.	2.2	6
83	Numerical analysis of a second order ensemble method for evolutionary magnetohydrodynamics equations at small magnetic Reynolds number. Numerical Methods for Partial Differential Equations, 2022, 38, 1407-1436.	3.6	6
84	Clinical characteristics and treatment of clavicular osteomyelitis: a systematic review with pooled analysis of 294 reported cases. Journal of Shoulder and Elbow Surgery, 2019, 28, 1411-1421.	2.6	5
85	A tale of two frequency effects: Toward a verification model of L2 word recognition. Applied Psycholinguistics, 2020, 41, 215-236.	1.1	5
86	Vitamin D Receptor Genetic Variations May Associate with the Risk of Developing Late Fracture-Related Infection in the Chinese Han Population. Journal of Immunology Research, 2022, 2022, 1-8.	2.2	5
87	Periosteal osteosarcoma and Marfan's syndrome: A case report and literature review. Oncology Letters, 2016, 11, 311-315.	1.8	4
88	Screening of TNF- α gene polymorphisms in patients with extremity chronic osteomyelitis in China. Personalized Medicine, 2018, 15, 395-401.	1.5	4
89	<i>IFN-γ</i> +874T/A polymorphism increases susceptibility to post-traumatic osteomyelitis. International Journal of Immunogenetics, 2020, 47, 163-168.	1.8	4
90	Immigrant-Native Disparities in Happiness among Middle-Aged and Older Adults in Western European Countries: The Moderating Role of Social Capital. Journal of Aging and Health, 2021, 33, 427-441.	1.7	4

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91	Chinese immigrant smokers's access barriers to tobacco cessation services and experience using social media and text messaging. <i>Tobacco Prevention and Cessation</i> , 2020, 6, 1-10.	0.4	4
92	Numerical analysis of a second order ensemble algorithm for numerical approximation of stochastic Stokes-Darcy equations. <i>Journal of Computational and Applied Mathematics</i> , 2022, 406, 113934.	2.0	4
93	Similarities and Differences between Clavicular Bacterial Osteomyelitis and Nonbacterial Osteitis: Comparisons of 327 Reported Cases. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	2.2	3
94	Multi-scale feature learning and temporal probing strategy for one-stage temporal action localization. <i>International Journal of Intelligent Systems</i> , 2022, 37, 4092-4112.	5.7	3
95	Analytic visual word recognition among Chinese L2 learners. <i>Foreign Language Annals</i> , 0, , .	1.0	3
96	Associations between psychological ownership and the service impact among Chinese disability support workers. <i>Health and Social Care in the Community</i> , 2022, 30, .	1.6	3
97	Booze and butts: A content analysis of the presence of alcohol in tobacco industry lifestyle magazines. <i>Addictive Behaviors Reports</i> , 2016, 3, 14-20.	1.9	2
98	The impact of caregiver's depressive symptoms on trajectories of cognitive function in older adults with functional limitations. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1284-1294.	2.7	2
99	Does wisdom moderate the relationship between burden and depressive symptoms among family caregivers of disabled older adults in China? A multiple-group path analysis. <i>Aging and Mental Health</i> , 2021, , 1-8.	2.8	2
100	The Mediating Effect of E-Cigarette Harm Perception in the Relationship between E-Cigarette Advertising Exposure and E-Cigarette Use. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6215.	2.6	2
101	Reply to comment on Wang et al.: operative versus nonoperative treatment for acute Achilles tendon rupture. <i>International Orthopaedics</i> , 2012, 36, 1969-1969.	1.9	1
102	Smoke-Free Laws and Hazardous Drinking: A Cross-Sectional Study among U.S. Adults. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 412.	2.6	1
103	Response to Letter to the Editor: IFN- γ + A874T/A polymorphism and post-traumatic osteomyelitis. <i>International Journal of Immunogenetics</i> , 2020, 47, 188-188.	1.8	1
104	Assessment and Management of Pain in Patients with Osteoporotic Fragility Fracture. <i>Pain Research and Management</i> , 2021, 2021, 1-2.	1.8	1
105	Comment on Sigmund et al. 'Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections'. <i>International Orthopaedics</i> , 2021, 45, 799-800.	1.9	1
106	Orthographic Priming in Second-Language Visual Word Recognition. <i>Language Learning</i> , 0, , .	2.7	1
107	Mechanisms of magnoliae cortex on treating sarcopenia explored by GEO gene sequencing data combined with network pharmacology and molecular docking. <i>BMC Genomic Data</i> , 2022, 23, 15.	1.7	1
108	Reply to comment on Gong et al.: Single-bundle versus double-bundle anterior cruciate ligament reconstruction: an up-to-date meta-analysis. <i>International Orthopaedics</i> , 2013, 37, 2319-2320.	1.9	0

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109	Letter to the Editor: Does Vitamin D Improve Osteoarthritis of the Knee: A Randomized Controlled Pilot Trial. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 3714-3715.	1.5	0
110	Injunctive norms and associations with smoking susceptibility in Hong Kong adolescents. <i>Tobacco Induced Diseases</i> , 2018, 16, .	0.6	0
111	Serum Calcium Level Combined with Platelet Count May Be Useful Indicators for Assisted Diagnosis of Extremity Posttraumatic Osteomyelitis: A Comparative Analysis. <i>Disease Markers</i> , 2021, 2021, 1-7.	1.3	0
112	How Community-Based Eldercare Services Adapt in Response to Covid-19 Restrictions: Evidence from Singapore. <i>Journal of Gerontological Social Work</i> , 0, , 1-13.	1.0	0