

# Xi Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2924648/publications.pdf>

Version: 2024-02-01

91  
papers

3,362  
citations

172457

29  
h-index

168389

53  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in non-noble metal electrocatalysts for nitrate reduction. <i>Chemical Engineering Journal</i> , 2021, 403, 126269.	12.7	375
2	Location information disclosure in location-based social network services: Privacy calculus, benefit structure, and gender differences. <i>Computers in Human Behavior</i> , 2015, 52, 278-292.	8.5	221
3	Exploring the influence of social media on employee work performance. <i>Internet Research</i> , 2016, 26, 529-545.	4.9	189
4	Attracted to or Locked In? Predicting Continuance Intention in Social Virtual World Services. <i>Journal of Management Information Systems</i> , 2012, 29, 273-306.	4.3	177
5	Understanding users' switching behavior of mobile instant messaging applications: An empirical study from the perspective of push-pull-mooring framework. <i>Computers in Human Behavior</i> , 2017, 75, 727-738.	8.5	166
6	Culture effects on the knowledge sharing in multi-national virtual classes: A mixed method. <i>Computers in Human Behavior</i> , 2014, 31, 491-498.	8.5	124
7	Exploring the Underlying Processes Between Conflict and Knowledge Sharing: A Work-Engagement Perspective <sup>1</sup> . <i>Journal of Applied Social Psychology</i> , 2011, 41, 1005-1033.	2.0	91
8	From e-learning to social-learning: Mapping development of studies on social media-supported knowledge management. <i>Computers in Human Behavior</i> , 2015, 51, 803-811.	8.5	91
9	Understanding the relationships between motivators and effort in crowdsourcing marketplaces: A nonlinear analysis. <i>International Journal of Information Management</i> , 2015, 35, 267-276.	17.5	89
10	Modification of Titanium Substrates with Chimeric Peptides Comprising Antimicrobial and Titanium-Binding Motifs Connected by Linkers To Inhibit Biofilm Formation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 5124-5136.	8.0	81
11	Effect of knowledge sharing visibility on incentive-based relationship in Electronic Knowledge Management Systems: An empirical investigation. <i>Computers in Human Behavior</i> , 2013, 29, 307-313.	8.5	75
12	How virtual reality affects perceived learning effectiveness: a task-technology fit perspective. <i>Behaviour and Information Technology</i> , 2017, 36, 548-556.	4.0	75
13	Learning analytics in collaborative learning supported by Slack: From the perspective of engagement. <i>Computers in Human Behavior</i> , 2019, 92, 625-633.	8.5	75
14	Why users purchase virtual products in MMORPG? An integrative perspective of social presence and user engagement. <i>Internet Research</i> , 2017, 27, 408-427.	4.9	72
15	The role of perceived e-health literacy in users' continuance intention to use mobile healthcare applications: an exploratory empirical study in China. <i>Information Technology for Development</i> , 2018, 24, 198-223.	4.8	68
16	Understanding the influence of social media on people's life satisfaction through two competing explanatory mechanisms. <i>Aslib Journal of Information Management</i> , 2016, 68, 347-361.	2.1	67
17	How does individuals' exchange orientation moderate the relationship between transformational leadership and knowledge sharing?. <i>Journal of Knowledge Management</i> , 2017, 21, 1622-1639.	5.1	63
18	Rapid biomimetic remineralization of the demineralized enamel surface using nano-particles of amorphous calcium phosphate guided by chimaeric peptides. <i>Dental Materials</i> , 2017, 33, 1217-1228.	3.5	57

#	ARTICLE	IF	CITATIONS
19	What is the role of IT in innovation? A bibliometric analysis of research development in IT innovation. Behaviour and Information Technology, 2016, 35, 1130-1143.	4.0	54
20	Engineered chimeric peptides with antimicrobial and titanium-binding functions to inhibit biofilm formation on Ti implants. Materials Science and Engineering C, 2018, 82, 141-154.	7.3	53
21	Antecedents of Coordination Effectiveness of Software Developer Dyads From Interacting Teams: An Empirical Investigation. IEEE Transactions on Engineering Management, 2009, 56, 494-507.	3.5	48
22	Exploring the effect of transformational leadership on individual creativity in e-learning: a perspective of social exchange theory. Studies in Higher Education, 2018, 43, 1964-1978.	4.5	47
23	Effects of information technologies, department characteristics and individual roles on improving knowledge sharing visibility: a qualitative case study. Behaviour and Information Technology, 2012, 31, 1117-1131.	4.0	45
24	Understanding the users' continuous adoption of 3D social virtual world in China: A comparative case study. Computers in Human Behavior, 2014, 35, 578-585.	8.5	44
25	How friends affect user behaviors? An exploration of social relation analysis for recommendation. Knowledge-Based Systems, 2015, 88, 70-84.	7.1	41
26	Mapping development of social media research through different disciplines: Collaborative learning in management and computer science. Computers in Human Behavior, 2015, 51, 1142-1153.	8.5	39
27	Guided bone regeneration with asymmetric collagen-chitosan membranes containing aspirin-loaded chitosan nanoparticles. International Journal of Nanomedicine, 2017, Volume 12, 8855-8866.	6.7	35
28	A value-justice model of knowledge integration in wikis: The moderating role of knowledge equivocality. International Journal of Information Management, 2018, 43, 64-75.	17.5	35
29	How do features of social media influence knowledge sharing? An ambient awareness perspective. Journal of Knowledge Management, 2020, 24, 439-462.	5.1	34
30	Neural complexity in patients with poststroke depression: A resting EEG study. Journal of Affective Disorders, 2015, 188, 310-318.	4.1	33
31	Decision quality and satisfaction: the effects of online information sources and self-efficacy. Internet Research, 2017, 27, 885-904.	4.9	31
32	Voice of Charity: Prospecting the Donation Recurrence & Donor Retention in Crowdfunding. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1652-1665.	5.7	31
33	MVPANI: A Toolkit With Friendly Graphical User Interface for Multivariate Pattern Analysis of Neuroimaging Data. Frontiers in Neuroscience, 2020, 14, 545.	2.8	31
34	Personalized Employee Training Course Recommendation with Career Development Awareness. , 2020, , .		30
35	Determinants of China's Technology Availability and Utilization 2006-2009: A Spatial Analysis. Information Society, 2013, 29, 26-48.	2.9	29
36	Domain-Sensitive Recommendation with User-Item Subgroup Analysis. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 939-950.	5.7	28

#	ARTICLE	IF	CITATIONS
37	Modification of the surface of titanium with multifunctional chimeric peptides to prevent biofilm formation via inhibition of initial colonizers. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5361-5375.	6.7	28
38	Gender Differences Are Encoded Differently in the Structure and Function of the Human Brain Revealed by Multimodal MRI. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 244.	2.0	28
39	An effectiveness analysis of altmetrics indices for different levels of artificial intelligence publications. <i>Scientometrics</i> , 2019, 119, 1311-1344.	3.0	25
40	Chaos Theory as a Lens for Interpreting Blogging. <i>Journal of Management Information Systems</i> , 2009, 26, 101-128.	4.3	22
41	Mapping the study of learning analytics in higher education. <i>Behaviour and Information Technology</i> , 2018, 37, 1142-1155.	4.0	20
42	Bias effects, synergistic effects, and information contingency effects: Developing and testing an extended information adoption model in social Q&A. <i>Journal of the Association for Information Science and Technology</i> , 2019, 70, 1368-1382.	2.9	20
43	Knowledge-sharing reward dynamics in knowledge management systems: Game theory-based empirical validation. <i>Human Factors and Ergonomics in Manufacturing</i> , 2010, 20, 103-122.	2.7	19
44	Comparison of the short-term outcomes of robot-assisted minimally invasive, video-assisted minimally invasive, and open esophagectomy. <i>Journal of Thoracic Disease</i> , 2020, 12, 916-924.	1.4	19
45	Challenges and Foresights of Global Virtual Worlds Markets. <i>Journal of Global Information Technology Management</i> , 2014, 17, 69-73.	1.2	18
46	How does mobile social media affect knowledge sharing under the "Guanxi" system?. <i>Journal of Knowledge Management</i> , 2020, 24, 1343-1367.	5.1	18
47	Exploring the Interactive Effect of Time Control and Justice Perception on Job Attitudes. <i>Journal of Social Psychology</i> , 2010, 150, 181-197.	1.5	17
48	DualDS: A dual discriminative rating elicitation framework for cold start recommendation. <i>Knowledge-Based Systems</i> , 2015, 73, 161-172.	7.1	17
49	Understanding the trust building mechanisms in social media. <i>Aslib Journal of Information Management</i> , 2018, 70, 498-517.	2.1	16
50	Comparison of the therapeutic effects of endoscopic submucosal dissection and minimally invasive esophagectomy for T1 stage esophageal carcinoma. <i>Thoracic Cancer</i> , 2019, 10, 2161-2167.	1.9	14
51	Improving students' attitudes about corporate social responsibility via "Apps": a perspective integrating elaboration likelihood model and social media capabilities. <i>Studies in Higher Education</i> , 2021, 46, 1603-1620.	4.5	13
52	Can cooperation drive the success of suppliers in B2B crowdsourcing innovation projects? A large scale data perspective. <i>Industrial Marketing Management</i> , 2020, 90, 570-580.	6.7	13
53	Personalized and Explainable Employee Training Course Recommendations: A Bayesian Variational Approach. <i>ACM Transactions on Information Systems</i> , 2022, 40, 1-32.	4.9	13
54	A Systematic Characterization of Structural Brain Changes in Schizophrenia. <i>Neuroscience Bulletin</i> , 2020, 36, 1107-1122.	2.9	12

#	ARTICLE	IF	CITATIONS
55	Exploring the effects of social capital on crowdfunding performance: A holistic analysis from the empirical and predictive views. <i>Computers in Human Behavior</i> , 2022, 126, 107011.	8.5	12
56	Just being there matters. <i>Internet Research</i> , 2019, 29, 60-81.	4.9	11
57	Exploring development of smart city research through perspectives of governance and information systems: a scientometric analysis using CiteSpace. <i>Journal of Science and Technology Policy Management</i> , 2020, 11, 431-454.	2.8	11
58	Enriching one-class collaborative filtering with content information from social media. <i>Multimedia Systems</i> , 2016, 22, 51-62.	4.7	9
59	A Bibliometric Analysis of Digital Innovation from 1998 to 2016. <i>Journal of Management Science and Engineering</i> , 2017, 2, 95-115.	2.8	9
60	Uniaxial Eccentric-Compression Performance Analysis for Double-Plate Connected Concrete-Filled Steel-Tube Composite Columns. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	9
61	Identifying local bias on peer-to-peer rental platforms. <i>International Journal of Hospitality Management</i> , 2021, 99, 103072.	8.8	9
62	Hypouricemic effect of allopurinol are improved by Pallidifloside D based on the uric acid metabolism enzymes PRPS, HGPRT and PRPPAT. <i>FÄ-toterapÄ-ÄÇ</i> , 2016, 113, 1-5.	2.2	8
63	Global challenges and developmental lessons in the knowledge sharing economy. <i>Journal of Global Information Technology Management</i> , 2018, 21, 167-171.	1.2	8
64	Dynamic impact of social network on knowledge contribution loafing in mobile collaboration: a hidden Markov model. <i>Journal of Knowledge Management</i> , 2019, 23, 1901-1920.	5.1	8
65	Rethinking the Development of Technology-Enhanced Learning and the Role of Cognitive Computing. <i>International Journal on Semantic Web and Information Systems</i> , 2021, 17, 67-96.	5.1	8
66	Coordinated Implicitly? An Empirical Study on the Role of Social Media in Collaborative Learning. <i>International Review of Research in Open and Distance Learning</i> , 2016, 17, .	1.8	7
67	Nonlinear static decoupling of six-dimension force sensor for walker dynamometer system based on artificial neural network. , 2009, , .		6
68	Understanding the effect of organisational reward on knowledge sharing: the role of exchange ideology and knowledge sharing visibility. <i>International Journal of Information Technology and Management</i> , 2013, 12, 148.	0.1	6
69	Observation of Phase Transitions of Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> â€“Silicon Hybrid Metamaterial by THz Spectra. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2449-2453.	4.3	6
70	Inferring the Student Social Loafing State in Collaborative Learning with a Hidden Markov Model. , 2017, , .		5
71	A Weighted One Class Collaborative Filtering with Content Topic Features. <i>Lecture Notes in Computer Science</i> , 2013, , 417-427.	1.3	5
72	Semi-supervised discriminative preference elicitation for cold-start recommendation. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
73	Antibacterial Properties of Small-Size Peptide Derived from Penetratin against Oral Streptococci. <i>Materials</i> , 2021, 14, 2730.	2.9	4
74	The effects of person-organization fit on lending behaviors: Empirical evidence from Kiva. <i>Journal of Management Science and Engineering</i> , 2022, 7, 133-145.	2.8	4
75	Opportunities for information technologies and knowledge management to answer emerging challenges for manufacturing and services industries in the digital economy. <i>Human Factors and Ergonomics in Manufacturing</i> , 2019, 29, 3-4.	2.7	3
76	KM 3.0: Knowledge Management Computing Under Digital Economy. <i>Contributions To Management Science</i> , 2020, , 207-217.	0.5	3
77	What is Market Talking about Market-oriented Prospect Analysis for Entrepreneur Fundraising. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022, , 1-1.	5.7	3
78	Chaos Theory as a Model for Interpreting Weblog Traffic. , 2008, , .		2
79	Community discovering guided cold-start recommendation: A discriminative approach. , 2014, , .		2
80	A mapping analytic approach to trace development of multidisciplinary research field. <i>Journal of Science and Technology Policy Management</i> , 2015, 6, 98-113.	2.8	2
81	Understanding the Factors Affecting Users' Like Intentions in Social Network Services: A Multi-dimensional Value Perspective. , 2016, , .		2
82	Making the Most Cost-effective Decision in Online Paid Q&A Community. , 2018, , .		2
83	Understanding the 3D virtual world market in China: A comparative case study of HiPiHi, Uworld and Novoking. , 2010, , .		1
84	Stimulus Artifact Removal of Semg Signals Detected During Functional Electrical Stimulation. <i>Biomedizinische Technik</i> , 2013, 58 Suppl 1, .	0.8	1
85	Adapt to Changes or Not? The Mediating Effect of Individual Adaptability between Social Media and Task Performance. , 2016, , .		1
86	Antimicrobial Effects of Peptides from Human Beta-Defensin-3 on Planktonic and Biofilm States of Streptococci. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 489-497.	1.9	1
87	An Empirical Study on China's Gold Futures Market Hedging Performance. <i>International Journal of Asian Business and Information Management</i> , 2014, 5, 85-98.	0.8	0
88	Research and Practices on Teaching Mode of Engineering Courses Driven by Software Platform. <i>Advances in Educational Marketing, Administration, and Leadership Book Series</i> , 2013, , 267-275.	0.2	0
89	Importance of the Task Visibility on KS-Reward Relationship: An Explorative Investigation. <i>Communications in Computer and Information Science</i> , 2013, , 630-640.	0.5	0
90	Does the great moderation of China's macroeconomic exist during the reform era?. <i>Filomat</i> , 2016, 30, 3917-3931.	0.5	0

#	ARTICLE	IF	CITATIONS
91	From Human-AI Confrontation to Human-AI Symbiosis in Society 5.0: Transformation Challenges and Mechanisms. IT Professional, 2022, 24, 43-51.	1.5	0