

# Lei Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

2,631  
citations

201674  
27  
h-index

214800  
47  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4242  
citing authors

#	ARTICLE	IF	CITATIONS
1	PAX5-driven subtypes of B-progenitor acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2019, 51, 296-307.	21.4	384
2	Exploring Inorganic Binary Alkaline Halide to Passivate Defects in Low-Temperature-Processed Planar-Structure Hybrid Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1800138.	19.5	186
3	Design and engineering heterojunctions for the photoelectrochemical monitoring of environmental pollutants: A review. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 405-422.	20.2	141
4	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. <i>Journal of the American Chemical Society</i> , 2019, 141, 1126-1134.	13.7	141
5	Analysing gamification elements in educational environments using an existing Gamification taxonomy. <i>Smart Learning Environments</i> , 2019, 6, .	7.6	107
6	Synthesis and photo-catalytic activity of porous g-C <sub>3</sub> N <sub>4</sub> : Promotion effect of nitrogen vacancy in H <sub>2</sub> evolution and pollutant degradation reactions. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16315-16326.	7.1	105
7	Electron spin resonance studies of coals and coal conversion processes: A review. <i>Fuel Processing Technology</i> , 2019, 188, 212-227.	7.2	76
8	Review on City-Level Carbon Accounting. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5545-5558.	10.0	75
9	Modification of Poly(butylene 2,5-furandicarboxylate) with Lactic Acid for Biodegradable Copolyesters with Good Mechanical and Barrier Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 11020-11030.	3.7	58
10	Coevolutionary resolution of the public goods dilemma in interdependent structured populations. <i>Europhysics Letters</i> , 2018, 124, 48003.	2.0	56
11	Tailored gamification in education: A literature review and future agenda. <i>Education and Information Technologies</i> , 2023, 28, 373-406.	5.7	55
12	Cryogenic free-form extrusion bioprinting of decellularized small intestinal submucosa for potential applications in skin tissue engineering. <i>Biofabrication</i> , 2019, 11, 035023.	7.1	49
13	Disruption of glial cell development by Zika virus contributes to severe microcephalic newborn mice. <i>Cell Discovery</i> , 2018, 4, 43.	6.7	47
14	Popularity enhances the interdependent network reciprocity. <i>New Journal of Physics</i> , 2018, 20, 123012.	2.9	45
15	Upregulation and hypomethylation of lncRNA AFAP1-AS1 predicts a poor prognosis and promotes the migration and invasion of cervical cancer. <i>Oncology Reports</i> , 2019, 41, 2431-2439.	2.6	42
16	Genome-wide systematic characterization of bZIP transcription factors and their expression profiles during seed development and in response to salt stress in peanut. <i>BMC Genomics</i> , 2019, 20, 51.	2.8	42
17	A Taxonomy of Game Elements for Gamification in Educational Contexts: Proposal and Evaluation. , 2019, , .		41
18	Motivational Gamification Strategies Rooted in Self-Determination Theory for Social Adaptive E-Learning. <i>Lecture Notes in Computer Science</i> , 2016, , 294-300.	1.3	40

#	ARTICLE	IF	CITATIONS
19	Connecting Targets to Tweets: Semantic Attention-Based Model for Target-Specific Stance Detection. Lecture Notes in Computer Science, 2017, , 18-32.	1.3	39
20	The preparation of spherical mesoporous g-C <sub>3</sub> N <sub>4</sub> with highly improved photocatalytic performance for H <sub>2</sub> production and rhodamine B degradation. Materials Research Bulletin, 2019, 113, 115-121.	5.2	38
21	Quasi single cobalt sites in nanopores for superior catalytic oxidation of organic pollutants. Environmental Science: Nano, 2018, 5, 2842-2852.	4.3	37
22	Cloning and characterization of the putative AFAP1-AS1 promoter region. Journal of Cancer, 2019, 10, 1145-1153.	2.5	37
23	Translating the atypical dopamine uptake inhibitor hypothesis toward therapeutics for treatment of psychostimulant use disorders. Neuropsychopharmacology, 2019, 44, 1435-1444.	5.4	35
24	Increased Interleukin-11 Levels Are Correlated with Cardiac Events in Patients with Chronic Heart Failure. Mediators of Inflammation, 2019, 2019, 1-8.	3.0	34
25	Fabrication of large surface area nitrogen vacancy modified graphitic carbon nitride with improved visible-light photocatalytic performance. Diamond and Related Materials, 2019, 91, 230-236.	3.9	34
26	MdrL, a major facilitator superfamily efflux pump of <i>Listeria monocytogenes</i> involved in tolerance to benzalkonium chloride. Applied Microbiology and Biotechnology, 2019, 103, 1339-1350.	3.6	34
27	Herpesvirus acts with the cytoskeleton and promotes cancer progression. Journal of Cancer, 2019, 10, 2185-2193.	2.5	31
28	Predicting MOOCs Dropout Using Only Two Easily Obtainable Features from the First Week's Activities. Lecture Notes in Computer Science, 2019, , 163-173.	1.3	31
29	Î±-hederin induces autophagic cell death in colorectal cancer cells through reactive oxygen species dependent AMPK/mTOR signaling pathway activation. International Journal of Oncology, 2019, 54, 1601-1612.	3.3	31
30	The inhibitory effects of Qingchang Wenzhong granule on the interactive network of inflammation, oxidative stress, and apoptosis in rats with dextran sulfate sodium-induced colitis. Journal of Cellular Biochemistry, 2019, 120, 9979-9991.	2.6	30
31	Arabidopsis HSP70 is required for flower opening under normal or mild heat stress temperatures. Plant, Cell and Environment, 2019, 42, 1190-1204.	5.7	30
32	Enhancing CO <sub>2</sub> Electroreduction with Au/Pyridine/Carbon Nanotubes Hybrid Structures. ChemSusChem, 2019, 12, 1724-1731.	6.8	29
33	Contextual Gamification of Social Interaction – Towards Increasing Motivation in Social E-learning. Lecture Notes in Computer Science, 2014, , 116-122.	1.3	26
34	Effect of a HF/HF/HCl Treatment of 26 Coals on Their Composition and Pyrolysis Behavior. Energy & Fuels, 2019, 33, 2008-2017.	5.1	22
35	The LeuT-fold neurotransmitter:sodium symporter MhsT has two substrate sites. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7924-E7931.	7.1	21
36	Gegen Qinlian Decoction Attenuates High-Fat Diet-Induced Steatohepatitis in Rats via Gut Microbiota. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	20

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37	Removal of bacteriophage f2 in water by Fe/Ni nanoparticles: Optimization of Fe/Ni ratio and influencing factors. <i>Science of the Total Environment</i> , 2019, 649, 995-1003.	8.0	19
38	Does Tailoring Gamified Educational Systems Matter? The Impact on Students' Flow Experience. , 2020, ,		18
39	Structure-Activity Relationship Analysis on Antioxidant and Anticancer Actions of Theaflavins on Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 159-170.	5.2	17
40	Topolor: A Social Personalized Adaptive E-Learning System. <i>Lecture Notes in Computer Science</i> , 2013, , 338-340.	1.3	17
41	Ultra Performance Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry-Based Metabonomics Reveal Protective Effect of <i>Terminalia chebula</i> Extract on Ischemic Stroke Rats. <i>Rejuvenation Research</i> , 2018, 21, 541-552.	1.8	16
42	Seasonal influence on TORCH infection and analysis of multi-positive samples with indirect immunofluorescence assay. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22828.	2.1	16
43	Volatiles reaction during pyrolysis of corn stalk - Its influence on bio-oil composition and coking behavior of volatiles. <i>Fuel</i> , 2019, 246, 1-8.	6.4	16
44	One step to prepare CNTs modified porous g-C <sub>3</sub> N <sub>4</sub> with excellent visible-light photocatalytic performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1714-1723.	2.2	16
45	Learners Thrive Using Multifaceted Open Social Learner Modeling. <i>IEEE MultiMedia</i> , 2016, 23, 36-47.	1.7	12
46	Association between NR3C1 rs41423247 polymorphism and depression. <i>Medicine (United States)</i> , 2018, 97, e12541.	1.0	12
47	Differential Alternative Splicing Genes in Response to Boron Deficiency in <i>Brassica napus</i> . <i>Genes</i> , 2019, 10, 224.	2.4	12
48	SDS-modified Nanoporous Silver as an Efficient Electrocatalyst for Selectively Converting CO <sub>2</sub> to CO in Aqueous Solution. <i>Chinese Journal of Chemistry</i> , 2019, 37, 337-341.	4.9	12
49	Radical Reactions and Two-Step Kinetics of Sub-Bituminous Coal Liquefaction in Various Solvents. <i>Energy &amp; Fuels</i> , 2019, 33, 2090-2098.	5.1	11
50	Social Personalized Adaptive E-Learning Environment: Topolor - Implementation and Evaluation. <i>Lecture Notes in Computer Science</i> , 2013, , 708-711.	1.3	10
51	In-depth Exploration of Engagement Patterns in MOOCs. <i>Lecture Notes in Computer Science</i> , 2018, , 395-409.	1.3	10
52	Is MOOC Learning Different for Dropouts? A Visually-Driven, Multi-granularity Explanatory ML Approach. <i>Lecture Notes in Computer Science</i> , 2020, , 353-363.	1.3	10
53	Towards Automatic Flow Experience Identification in Educational Systems. , 2019, ,		10
54	On the Need for Fine-Grained Analysis of Gender Versus Commenting Behaviour in MOOCs. , 2018, ,		9

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55	Capturing Fairness and Uncertainty in Student Dropout Prediction – A Comparison Study. Lecture Notes in Computer Science, 2021, , 139-144.	1.3	9
56	Evaluating System Functionality in Social Personalized Adaptive E-Learning Systems. Lecture Notes in Computer Science, 2013, , 633-634.	1.3	9
57	MicroRNA and LncRNA Expression Profiles in Human Estrogen Receptor Positive Breast Cancer. Clinical Laboratory, 2019, 65, .	0.5	9
58	Evaluation of Social Interaction Features in Topolor - A Social Personalized Adaptive E-Learning System. , 2013, , .		7
59	&lt;p&gt;Successful treatment of brain radiation necrosis resulting from triple-negative breast cancer with Endostar and short-term hyperbaric oxygen therapy: a case report&lt;p&gt;. OncoTargets and Therapy, 2019, Volume 12, 2729-2735.	2.0	7
60	A Survey of Collaborative Reinforcement Learning: Interactive Methods and Design Patterns. , 2021, , .		7
61	Respiratory Tract Infection: A Risk Factor for the Onset and Relapse of Adult-Onset Minimal Change Disease in Southern China. BioMed Research International, 2018, 2018, 1-7.	1.9	6
62	CYP1A2 Genetic Polymorphism Is Associated With Treatment Remission to Antidepressant Venlafaxine in Han Chinese Population. Clinical Neuropharmacology, 2019, 42, 32-36.	0.7	6
63	Early Predictor for Student Success Based on Behavioural and Demographical Indicators. Lecture Notes in Computer Science, 2021, , 161-172.	1.3	6
64	A Brief Survey of Deep Learning Approaches for Learning Analytics on MOOCs. Lecture Notes in Computer Science, 2021, , 28-37.	1.3	6
65	Coke Removal from a Deactivated Industrial Diesel Hydrogenation Catalyst by Tetralin at 300–400 Å°C. Energy & Fuels, 2019, 33, 2437-2444.	5.1	5
66	Exploring Navigation Styles in a FutureLearn MOOC. Lecture Notes in Computer Science, 2020, , 45-55.	1.3	5
67	Designing social personalized adaptive e-learning. , 2013, , .		4
68	Digital co-design. , 2015, , .		4
69	Two novel reassortant high pathogenic H7N9 viruses isolated in Southern China in fifth wave shows internal genomic diversity and high virulence in chickens and ducks. Journal of Infection, 2018, 77, 561-571.	3.3	4
70	Computational model for predicting user aesthetic preference for GUI using DCNNs. CCF Transactions on Pervasive Computing and Interaction, 2021, 3, 147-169.	2.6	4
71	Exploring Bayesian Deep Learning for Urgent Instructor Intervention Need in MOOC Forums. Lecture Notes in Computer Science, 2021, , 78-90.	1.3	4
72	Can learner characteristics predict their behaviour on MOOCs?. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
73	Towards Automatic Flow Experience Identification in Educational Systems: A Qualitative Study. , 0, , .		4
74	Social Engagement versus Learning Engagement An Exploratory Study of FutureLearn Learners. , 2019, , .		3
75	Multifaceted Open Social Learner Modelling. Lecture Notes in Computer Science, 2014, , 32-42.	1.3	3
76	Is adaptation of e-advertising the way forward?. , 2013, , .		2
77	The critical role of profiles in social e-learning design. , 2014, , .		2
78	An Intuitive Authoring System for a Personalised, Social, Gamified, Visualisation-supporting e-learning System. , 2018, , .		2
79	Wide-Scale Automatic Analysis of 20 Years of ITS Research. Lecture Notes in Computer Science, 2021, , 8-21.	1.3	2
80	Agent-Based Classroom Environment Simulation: The Effect of Disruptive Schoolchildren's Behaviour Versus Teacher Control over Neighbours. Lecture Notes in Computer Science, 2021, , 48-53.	1.3	2
81	Agent-Based Simulation of the Classroom Environment to Gauge the Effect of Inattentive or Disruptive Students. Lecture Notes in Computer Science, 2021, , 211-223.	1.3	2
82	Digital Co-design Applied to Healthcare Environments: A Comparative Study. Lecture Notes in Computer Science, 2015, , 518-522.	1.3	2
83	Students as Customers. Advances in E-Business Research Series, 2015, , 306-331.	0.4	2
84	Validating the Effectiveness of Data-Driven Gamification Recommendations: An Exploratory Study. , 0, , .		2
85	Designing a collaborative group project recommender for an e-learning system. , 2016, , .		1
86	Temporal Sentiment Analysis of Learners: Public Versus Private Social Media Communication Channels in a Women-in-Tech Conversion Course. , 2020, , .		1
87	Designing an adaptive online advertisement system: A focus group methodology. , 2015, , .		0
88	Students as Customers. , 2015, , 1882-1906.		0
89	Synthesis and Biological Activity of Benzo[h]quinolinium Hydrazine Compounds. Chinese Journal of Organic Chemistry, 2018, 38, 3016.	1.3	0
90	Detecting Fine-Grained Emotions on Social Media during Major Disease Outbreaks: Health and Well-being before and during the COVID-19 Pandemic.. AMIA ... Annual Symposium proceedings, 2021, 2021, 187-196.	0.2	0