

# Yan-Yan Li

## List of Publications by Year in descending order

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36  
papers

543  
citations

567281

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h-index

677142

22  
g-index

36  
all docs

36  
docs citations

36  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanozyme-Based Stretchable Hydrogel of Low Hysteresis with Antibacterial and Antioxidant Dual Functions for Closely Fitting and Wound Healing in Movable Parts. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	72
2	Chemically Grafted Nanozyme Composite Cryogels to Enhance Antibacterial and Biocompatible Performance for Bioliquid Regulation and Adaptive Bacteria Trapping. <i>ACS Nano</i> , 2021, 15, 19672-19683.	14.6	50
3	Ultra-Stretchable, Variable Modulus, Shape Memory Multi-Purpose Low Hysteresis Hydrogel Derived from Solvent-Induced Dynamic Micelle Sea-Island Structure. <i>Advanced Functional Materials</i> , 2021, 31, 2011259.	14.9	49
4	Research progress in nanozyme-based composite materials for fighting against bacteria and biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111465.	5.0	40
5	A Polyphenol-Network-Mediated Coating Modulates Inflammation and Vascular Healing on Vascular Stents. <i>ACS Nano</i> , 2022, 16, 6585-6597.	14.6	33
6	Ultrastretchable Organogel/Silicone Fiber-Helical Sensors for Self-Powered Implantable Ligament Strain Monitoring. <i>ACS Nano</i> , 2022, 16, 10958-10967.	14.6	33
7	Retinex-Based Fast Algorithm for Low-Light Image Enhancement. <i>Entropy</i> , 2021, 23, 746.	2.2	28
8	Multiplexed nanomaterial-assisted laser desorption/ionization for pan-cancer diagnosis and classification. <i>Nature Communications</i> , 2022, 13, 617.	12.8	27
9	Research on supply network resilience considering random and targeted disruptions simultaneously. <i>International Journal of Production Research</i> , 2020, 58, 6670-6688.	7.5	26
10	Cartilage-Inspired Hydrogel with Mechanical Adaptability, Controllable Lubrication, and Inflammation Regulation Abilities. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27360-27370.	8.0	25
11	Wood-Derived Hybrid Scaffold with Highly Anisotropic Features on Mechanics and Liquid Transport toward Cell Migration and Alignment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17957-17966.	8.0	18
12	Multi-population genetic algorithm with ER network for solving flexible job shop scheduling problems. <i>PLoS ONE</i> , 2020, 15, e0233759.	2.5	16
13	Research on the performance of multi-population genetic algorithms with different complex network structures. <i>Soft Computing</i> , 2020, 24, 13441-13459.	3.6	16
14	Overall Structure Construction of an Intervertebral Disk Based on Highly Anisotropic Wood Hydrogel Composite Materials with Mechanical Matching and Buckling Buffering. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 15709-15719.	8.0	16
15	A Novel Method for Gas Turbine Condition Monitoring Based on KPCA and Analysis of Statistics T2 and SPE. <i>Processes</i> , 2019, 7, 124.	2.8	15
16	An improved feed-forward neural network based on UKF and strong tracking filtering to establish energy consumption model for aluminum electrolysis process. <i>Neural Computing and Applications</i> , 2019, 31, 4271-4285.	5.6	13
17	Research on the robustness of interdependent supply networks with tunable parameters. <i>Computers and Industrial Engineering</i> , 2021, 158, 107431.	6.3	13
18	Two low illuminance image enhancement algorithms based on grey level mapping. <i>Multimedia Tools and Applications</i> , 2021, 80, 7205-7228.	3.9	7

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19	Trajectory dimensionality reduction and hyperparameter settings of DBSCAN for trajectory clustering. IET Intelligent Transport Systems, 2022, 16, 691-710.	3.0	7
20	Different Performances of Different Intelligent Algorithms for Solving FJSP: A Perspective of Structure. Computational Intelligence and Neuroscience, 2018, 2018, 1-14.	1.7	6
21	A night low-illumination image enhancement model based on small probability area filtering and lossless mapping enhancement. IET Image Processing, 2021, 15, 3221-3238.	2.5	6
22	Building Robust Closed-Loop Supply Networks against Malicious Attacks. Processes, 2021, 9, 39.	2.8	5
23	Multipopulation Genetic Algorithms with Different Interaction Structures to Solve Flexible Job-Shop Scheduling Problems: A Network Science Perspective. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	4
24	Image defogging based on amended dark channel prior and 4-directional $L_1$ regularisation. IET Image Processing, 2021, 15, 2454-2477.	2.5	4
25	Low-light image enhancement based on membership function and gamma correction. Multimedia Tools and Applications, 2022, 81, 22087-22109.	3.9	4
26	Improving the Performance of Convolutional Neural Networks by Fusing Low-Level Features With Different Scales in the Preceding Stage. IEEE Access, 2021, 9, 70273-70285.	4.2	3
27	Structural Design and Dynamic Simulation Optimization of the Triggering Device in a Pressure-Holding Controller for Deep in Situ Coring. Applied Sciences (Switzerland), 2022, 12, 4961.	2.5	3
28	RASWNet: An Algorithm That Can Remove All Severe Weather Features from a Degraded Image. IEEE Access, 2020, 8, 76002-76018.	4.2	2
29	Study on Change Rules of Factors Affecting Gas Loss during Coalbed Air Reverse Circulation Sampling. Advances in Civil Engineering, 2021, 2021, 1-15.	0.7	2
30	Incremental learning model based on an improved CKS-PFNN for aluminium electrolysis manufacturing. Neural Computing and Applications, 0, , 1.	5.6	0
31	Title is missing!. , 2020, 15, e0233759.		0
32	Title is missing!. , 2020, 15, e0233759.		0
33	Title is missing!. , 2020, 15, e0233759.		0
34	Title is missing!. , 2020, 15, e0233759.		0
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36	Title is missing!. , 2020, 15, e0233759.		0