# Yan-Yan Li

List of Publications by Year
in descending order



| 36 | 543 | 567281 15 | 677142 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 36 | 36 | 36 | 251 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Low-light image enhancement based on membership function and gamma correction. Multimedia Tools and Applications, 2022, 81, 22087-22109. | 3.9 | 4 |
| 2 | Trajectory dimensionality reduction and hyperparameter settings of DBSCAN for trajectory clustering. IET Intelligent Transport Systems, 2022, 16, 691-710. | 3.0 | 7 |
| 3 | Multiplexed nanomaterial-assisted laser desorption/ionization for pan-cancer diagnosis and classification. Nature Communications, 2022, 13, 617. | 12.8 | 27 |
| 4 | A Polyphenol-Network-Mediated Coating Modulates Inflammation and Vascular Healing on Vascular Stents. ACS Nano, 2022, 16, 6585-6597. | 14.6 | 33 |
| 5 | Nanozymeâ€Based Stretchable Hydrogel of Low Hysteresis with Antibacterial and Antioxidant Dual Functions for Closely Fitting and Wound Healing in Movable Parts. Advanced Functional Materials, 2022, 32, . | 14.9 | 72 |
| 6 | 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 |
| 7 | Cartilage-Inspired Hydrogel with Mechanical Adaptability, Controllable Lubrication, and Inflammation Regulation Abilities. ACS Applied Materials & Interfaces, 2022, 14, 27360-27370. | 8.0 | 25 |
| 8 | Ultrastretchable Organogel/Silicone Fiber-Helical Sensors for Self-Powered Implantable Ligament Strain Monitoring. ACS Nano, 2022, 16, 10958-10967. | 14.6 | 33 |
| 9 | Two low illuminance image enhancement algorithms based on grey level mapping. Multimedia Tools and Applications, 2021, 80, 7205-7228. | 3.9 | 7 |
| 10 | Research progress in nanozyme-based composite materials for fighting against bacteria and biofilms. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111465. | 5.0 | 40 |
| 11 | 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 |
| 12 | Ultraâ€Stretchable, Variable Modulus, Shape Memory Multiâ€Purpose Low Hysteresis Hydrogel Derived from Solventâ€Induced Dynamic Micelle Seaâ€Island Structure. Advanced Functional Materials, 2021, 31, 2011259. | 14.9 | 49 |
| 13 | Overall Structure Construction of an Intervertebral Disk Based on Highly Anisotropic Wood Hydrogel Composite Materials with Mechanical Matching and Buckling Buffering. ACS Applied Materials & Interfaces, 2021, 13, 15709-15719. | 8.0 | 16 |
| 14 | Image defogging based on amended dark channel prior and 4â€directional L <sub>1</sub> regularisation. IET Image Processing, 2021, 15, 2454-2477. | 2.5 | 4 |
| 15 | 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 |
| 16 | Retinex-Based Fast Algorithm for Low-Light Image Enhancement. Entropy, 2021, 23, 746. | 2.2 | 28 |
| 17 | A night lowâ€illumination image enhancement model based on small probability area filtering and lossless mapping enhancement. IET Image Processing, 2021, 15, 3221-3238. | 2.5 | 6 |
| 18 | Research on the robustness of interdependent supply networks with tunable parameters. Computers and Industrial Engineering, 2021, 158, 107431. | 6.3 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Building Robust Closed-Loop Supply Networks against Malicious Attacks. Processes, 2021, 9, 39. | 2.8 | 5 |
| 20 | Chemically Grafted Nanozyme Composite Cryogels to Enhance Antibacterial and Biocompatible Performance for Bioliquid Regulation and Adaptive Bacteria Trapping. ACS Nano, 2021, 15, 19672-19683. | 14.6 | 50 |
| 21 | Research on supply network resilience considering random and targeted disruptions simultaneously. International Journal of Production Research, 2020, 58, 6670-6688. | 7.5 | 26 |
| 22 | 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 |
| 23 | Multi-population genetic algorithm with ER network for solving flexible job shop scheduling problems. PLoS ONE, 2020, 15, e0233759. | 2.5 | 16 |
| 24 | RASWNet: An Algorithm That Can Remove All Severe Weather Features from a Degraded Image. IEEE Access, 2020, 8, 76002-76018. | 4.2 | 2 |
| 25 | Wood-Derived Hybrid Scaffold with Highly Anisotropic Features on Mechanics and Liquid Transport toward Cell Migration and Alignment. ACS Applied Materials & Interfaces, 2020, 12, 17957-17966. | 8.0 | 18 |
| 26 | Research on the performance of multi-population genetic algorithms with different complex network structures. Soft Computing, 2020, 24, 13441-13459. | 3.6 | 16 |
| 27 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 28 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 29 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 30 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 31 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 32 | Title is missing!. , 2020, 15, e0233759. | | 0 |
| 33 | A Novel Method for Gas Turbine Condition Monitoring Based on KPCA and Analysis of Statistics T2 and SPE. Processes, 2019, 7, 124. | 2.8 | 15 |
| 34 | An improved feed-forward neural network based on UKF and strong tracking filtering to establish energy consumption model for aluminum electrolysis process. Neural Computing and Applications, 2019, 31, 4271-4285. | 5.6 | 13 |
| 35 | Different Performances of Different Intelligent Algorithms for Solving FJSP: A Perspective of Structure. Computational Intelligence and Neuroscience, 2018, 2018, 1-14. | 1.7 | 6 |
| 36 | Incremental learning model based on an improved CKS-PFNN for aluminium electrolysis manufacturing. Neural Computing and Applications, 0, , 1. | 5.6 | 0 |