

# Guangyin Xu

## List of Publications by Year in descending order

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19  
papers

376  
citations

1040056

9  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deep Graph Neural Network-Based Mechanism for Social Recommendations. IEEE Transactions on Industrial Informatics, 2021, 17, 2776-2783.	11.3	128
2	Nanocellulose films with combined cellulose nanofibers and nanocrystals: tailored thermal, optical and mechanical properties. Cellulose, 2018, 25, 1103-1115.	4.9	85
3	Data-driven prediction and control of wastewater treatment process through the combination of convolutional neural network and recurrent neural network. RSC Advances, 2020, 10, 13410-13419.	3.6	29
4	Independent Component Analysis-Based Baseline Drift Interference Suppression of Portable Spectrometer for Optical Electronic Nose of Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 2698-2706.	11.3	22
5	Influence of temperature and humidity on the fatigue behaviour of adhesively bonded CFRP/aluminium alloy joints. Journal of Adhesion, 2022, 98, 1358-1376.	3.0	18
6	Network Representation Learning-Enhanced Multisource Information Fusion Model for POI Recommendation in Smart City. IEEE Internet of Things Journal, 2021, 8, 9539-9548.	8.7	17
7	Thermal decomposition behavior of 3D printing filaments made of wood-filled polylactic acid/starch blend. Journal of Applied Polymer Science, 2021, 138, 49944.	2.6	13
8	Base Station Wake-Up Strategy in Cellular Networks With Hybrid Energy Supplies for 6G Networks in an IoT Environment. IEEE Internet of Things Journal, 2021, 8, 5230-5239.	8.7	11
9	Intelligent Distribution of Fresh Agricultural Products in Smart City. IEEE Transactions on Industrial Informatics, 2022, 18, 1220-1230.	11.3	11
10	Base Station Sleeping Strategy for On-Grid Energy Saving in Cellular Networks With Hybrid Energy Supplies in IoT Environment. IEEE Access, 2018, 6, 45578-45589.	4.2	8
11	Sustainability of agricultural waste power generation industry in China: criteria relationship identification and policy design mechanism. Environment, Development and Sustainability, 2022, 24, 3371-3395.	5.0	8
12	An Improved Clustering Method for Detection System of Public Security Events Based on Genetic Algorithm and Semisupervised Learning. Complexity, 2017, 2017, 1-10.	1.6	7
13	Corner detection using the point-to-centroid distance technique. IET Image Processing, 2020, 14, 3385-3392.	2.5	6
14	Regulating Underwater Superoleophobicity to Superoleophilicity on Hierarchical Structured Copper Substrates through Assembling n-Alkanoic Acids. Langmuir, 2016, 32, 13493-13499.	3.5	4
15	Corner detection based on tangent-to-point distance accumulation technique. Multimedia Tools and Applications, 2019, 78, 25685-25706.	3.9	4
16	Modeling and optimization of urban rail transit scheduling with adaptive fruit fly optimization algorithm. Open Physics, 2019, 17, 888-896.	1.7	3
17	A Multi-Objective Task Reallocating Method in Complex Product Design Process Considering Design Changes. IEEE Access, 2019, 7, 168226-168235.	4.2	2
18	Optimization of Highway Transport Line Configuration Based on Whole Trip Course. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
19	Enhancing Matrix Factorization-based Recommender Systems via Graph Neural Networks. , 2021, , .		0