

# Bin Gao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

318  
citations

7  
h-index

17  
g-index

19  
ext. papers

437  
ext. citations

3.2  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
13	A Riemannian rank-adaptive method for low-rank matrix completion. <i>Computational Optimization and Applications</i> , <b>2022</b> , 81, 67	1.4	2
12	New Riemannian Preconditioned Algorithms for Tensor Completion via Polyadic Decomposition. <i>SIAM Journal on Matrix Analysis and Applications</i> , <b>2022</b> , 43, 840-866	1.5	
11	Computing Symplectic Eigenpairs of Symmetric Positive-Definite Matrices via Trace Minimization and Riemannian Optimization. <i>SIAM Journal on Matrix Analysis and Applications</i> , <b>2021</b> , 42, 1732-1757	1.5	0
10	Time-Response-Histogram-Based Feature of Magnetic Barkhausen Noise for Material Characterization Considering Influences of Grain and Grain Boundary under In Situ Tensile Test. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
9	Pipeline In-Line Inspection Method, Instrumentation and Data Management. <i>Sensors</i> , <b>2021</b> , 21,	3.8	13
8	Deep Temporal Convolution Network for Time Series Classification. <i>Sensors</i> , <b>2021</b> , 21,	3.8	16
7	Geometry of the Symplectic Stiefel Manifold Endowed with the Euclidean Metric. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 789-796	0.9	0
6	Riemannian Optimization on the Symplectic Stiefel Manifold. <i>SIAM Journal on Optimization</i> , <b>2021</b> , 31, 1546-1575	2	6
5	A Deep-Learning-Driven Light-Weight Phishing Detection Sensor. <i>Sensors</i> , <b>2019</b> , 19,	3.8	24
4	Computational Deep Intelligence Vision Sensing for Nutrient Content Estimation in Agricultural Automation. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2018</b> , 15, 1243-1257	4.9	25
3	Unsupervised Learning for Monaural Source Separation Using Maximization/Minimization Algorithm with Time/Frequency Deconvolution. <i>Sensors</i> , <b>2018</b> , 18,	3.8	8
2	Pattern Deep Region Learning for Crack Detection in Thermography Diagnosis System. <i>Metals</i> , <b>2018</b> , 8, 612	2.3	15
1	Structural Health Monitoring Framework Based on Internet of Things: A Survey. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 619-635	10.7	207