Zhulin Liu

List of Publications by Year
in descending order

17	1,791	1040056 9	1125743 13
papers	citations	h-index	g-index

17	17	17	1086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Broad Learning System: An Effective and Efficient Incremental Learning System Without the Need for Deep Architecture. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 10-24.	11.3	1,117
2	Universal Approximation Capability of Broad Learning System and Its Structural Variations. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1191-1204.	11.3	328
3	Discriminative graph regularized broad learning system for image recognition. Science China Information Sciences, 2018, 61, 1.	4.3	88
4	Research Review for Broad Learning System: Algorithms, Theory, and Applications. IEEE Transactions on Cybernetics, 2022, 52, 8922-8950.	9.5	87
5	Stacked Broad Learning System: From Incremental Flatted Structure to Deep Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 209-222.	9.3	62
6	On the Accuracyâ€“Complexity Tradeoff of Fuzzy Broad Learning System. IEEE Transactions on Fuzzy Systems, 2021, 29, 2963-2974.	9.8	31
7	Multi-scale 3D convolution feature-based Broad Learning System for Alzheimerâ€™s Disease diagnosis via MRI images. Applied Soft Computing Journal, 2022, 120, 108660.	7.2	16
8	A Novel Convolutional Variation of Broad Learning System for Alzheimerâ€™s Disease Diagnosis by Using MRI Images. IEEE Access, 2020, 8, 214646-214657.	4.2	14
9	Progressive Ensemble Kernel-Based Broad Learning System for Noisy Data Classification. IEEE Transactions on Cybernetics, 2022, 52, 9656-9669.	9.5	13
10	Adaptive Subspace Optimization Ensemble Method for High-Dimensional Imbalanced Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2284-2297.	11.3	8
11	Multi-Channel EEG Based Emotion Recognition Using Temporal Convolutional Network and Broad Learning System. , 2020, , .		7
12	Multi-Kernel Broad Learning systems Based on Random Features:A Novel Expansion for Nonlinear Feature Nodes. , 2019, , .		6
13	An Efficient Inspection System Based on Broad Learning: Nondestructively Estimating Cement Compressive Strength With Internal Factors. IEEE Transactions on Industrial Informatics, 2022, 18, 3787-3798.	11.3	6
14	Pruning Broad Learning System based on Adaptive Feature Evolution. , 2021, , .		4
15	Mortality prediction for COVID-19 patients via Broad Learning System. , 2020, , .		2
16	An Efficient Algorithm for the Incremental Broad Learning System by Inverse Cholesky Factorization of a Partitioned Matrix. IEEE Access, 2021, 9, 19294-19303.	4.2	1
17	Random Feature-Based Collaborative Kernel Fuzzy Clustering for Distributed Peer-to-Peer Networks. IEEE Transactions on Fuzzy Systems, 2023, 31, 692-706.	9.8	1