

Bin Gu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,048
citations

759233

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24
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32
all docs

32
docs citations

32
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental Support Vector Learning for Ordinal Regression. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1403-1416.	11.3	659
2	Incremental learning for $\frac{1}{2}$ -Support Vector Regression. Neural Networks, 2015, 67, 140-150.	5.9	473
3	A Robust Regularization Path Algorithm for ℓ_1 -Support Vector Classification. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1241-1248.	11.3	331
4	Structural Minimax Probability Machine. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1646-1656.	11.3	240
5	Cross Validation Through Two-Dimensional Solution Surface for Cost-Sensitive SVM. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1103-1121.	13.9	48
6	Chunk incremental learning for cost-sensitive hinge loss support vector machine. Pattern Recognition, 2018, 83, 196-208.	8.1	44
7	Feasibility and Finite Convergence Analysis for Accurate On-Line ℓ_1 -Support Vector Machine. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1304-1315.	11.3	43
8	Cost-sensitive learning for defect escalation. Knowledge-Based Systems, 2014, 66, 146-155.	7.1	25
9	A regularization path algorithm for support vector ordinal regression. Neural Networks, 2018, 98, 114-121.	5.9	21
10	Accurate on-line ℓ_1 -support vector learning. Neural Networks, 2012, 27, 51-59.	5.9	20
11	Regularization Path for ℓ_1 -Support Vector Classification. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 800-811.	11.3	20
12	Efficient Active Learning by Querying Discriminative and Representative Samples and Fully Exploiting Unlabeled Data. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4111-4122.	11.3	15
13	A Solution Path Algorithm for General Parametric Quadratic Programming Problem. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4462-4472.	11.3	14
14	Large-Scale Nonlinear AUC Maximization via Triply Stochastic Gradients. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1385-1398.	13.9	12
15	New Incremental Learning Algorithm for Semi-Supervised Support Vector Machine. , 2018, , .		10
16	Accelerating Sequential Minimal Optimization via Stochastic Subgradient Descent. IEEE Transactions on Cybernetics, 2021, 51, 2215-2223.	9.5	10
17	Quadruply Stochastic Gradients for Large Scale Nonlinear Semi-Supervised AUC Optimization. , 2019, , .		10
18	Sparse regression with output correlation for cardiac ejection fraction estimation. Information Sciences, 2018, 423, 303-312.	6.9	9

#	ARTICLE	IF	CITATIONS
19	Solving large-scale support vector ordinal regression with asynchronous parallel coordinate descent algorithms. Pattern Recognition, 2021, 109, 107592.	8.1	7
20	Scalable Semi-Supervised SVM via Triply Stochastic Gradients. , 2019, , .		7
21	Accelerated Asynchronous Greedy Coordinate Descent Algorithm for SVMs. , 2018, , .		6
22	Tackle Balancing Constraint for Incremental Semi-Supervised Support Vector Learning. , 2019, , .		4
23	A kernel path algorithm for general parametric quadratic programming problem. Pattern Recognition, 2021, 116, 107941.	8.1	4
24	Incremental learning algorithm for large-scale semi-supervised ordinal regression. Neural Networks, 2022, 149, 124-136.	5.9	4
25	Ordinal-Class Core Vector Machine. Journal of Computer Science and Technology, 2010, 25, 699-708.	1.5	3
26	Efficient inexact proximal gradient algorithms for structured sparsity-inducing norm. Neural Networks, 2019, 118, 352-362.	5.9	2
27	Generalized error path algorithm. Pattern Recognition, 2021, 120, 108112.	8.1	2
28	Kernel Path for $\hat{1}/2$ -Support Vector Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 490-501.	11.3	2
29	Finding Age Path of Self-Paced Learning. , 2021, , .		2
30	Scalable Kernel Ordinal Regression via Doubly Stochastic Gradients. IEEE Transactions on Neural Networks and Learning Systems, 2020, 32, 1-13.	11.3	1
31	Kernel Error Path Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-13.	11.3	0
32	Kernel Path for Semisupervised Support Vector Machine. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1512-1522.	11.3	0