

Shiliang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,592
citations

159585

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106344

65
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98
all docs

98
docs citations

98
times ranked

3871
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Multiview Graph Restricted Boltzmann Machines. IEEE Transactions on Cybernetics, 2022, 52, 12414-12428. | 9.5 | 8 |
| 2 | Incomplete multiview nonnegative representation learning with multiple graphs. Pattern Recognition, 2022, 123, 108412. | 8.1 | 8 |
| 3 | Incomplete multi-view clustering with cosine similarity. Pattern Recognition, 2022, 123, 108371. | 8.1 | 36 |
| 4 | Conditional Random Fields for Multiview Sequential Data Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1242-1253. | 11.3 | 3 |
| 5 | FE-DaST: Fast and effective data-free substitute training for black-box adversarial attacks. Computers and Security, 2022, 113, 102555. | 6.0 | 11 |
| 6 | Adversarially Training MCMC with Non-Volume-Preserving Flows. Entropy, 2022, 24, 415. | 2.2 | 0 |
| 7 | Stability-based PAC-Bayes analysis for multi-view learning algorithms. Information Fusion, 2022, 86-87, 76-92. | 19.1 | 1 |
| 8 | Multiview Variational Sparse Gaussian Processes. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2875-2885. | 11.3 | 13 |
| 9 | Multi-View Representation Learning With Deep Gaussian Processes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4453-4468. | 13.9 | 31 |
| 10 | Multi-Kernel Online Reinforcement Learning for Path Tracking Control of Intelligent Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6962-6975. | 9.3 | 23 |
| 11 | LCBM: A Multi-View Probabilistic Model for Multi-Label Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2682-2696. | 13.9 | 18 |
| 12 | Multi-view Gaussian processes with posterior consistency. Information Sciences, 2021, 547, 710-722. | 6.9 | 6 |
| 13 | Variational multimodal machine translation with underlying semantic alignment. Information Fusion, 2021, 69, 73-80. | 19.1 | 11 |
| 14 | DetexNet: Accurately Diagnosing Frequent and Challenging Pediatric Malignant Tumors. IEEE Transactions on Medical Imaging, 2021, 40, 395-404. | 8.9 | 1 |
| 15 | Adversarial robustness and attacks for multi-view deep models. Engineering Applications of Artificial Intelligence, 2021, 97, 104085. | 8.1 | 12 |
| 16 | Stick-Breaking Dependent Beta Processes with Variational Inference. Neural Processing Letters, 2021, 53, 339-353. | 3.2 | 0 |
| 17 | A Survey on Multiview Clustering. IEEE Transactions on Artificial Intelligence, 2021, 2, 146-168. | 4.7 | 135 |
| 18 | RL-VAEGAN: Adversarial defense for reinforcement learning agents via style transfer. Knowledge-Based Systems, 2021, 221, 106967. | 7.1 | 6 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Multi-Task Transformer with Input Feature Reconstruction for Dysarthric Speech Recognition. , 2021, , | | 2 |
| 20 | A Sequential Contrastive Learning Framework for Robust Dysarthric Speech Recognition. , 2021, , . | | 7 |
| 21 | Resilient Abstractive Summarization Model with Adaptively Weighted Training Loss. , 2021, , . | | 1 |
| 22 | Multi-view Defense with Adversarial Autoencoders. , 2021, , . | | 0 |
| 23 | Variational Beta Process Hidden Markov Models with Shared Hidden States for Trajectory Recognition. Entropy, 2021, 23, 1290. | 2.2 | 0 |
| 24 | Incomplete Multi-View Clustering with Reconstructed Views. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1. | 5.7 | 13 |
| 25 | Promoting active learning with mixtures of Gaussian processes. Knowledge-Based Systems, 2020, 188, 105044. | 7.1 | 11 |
| 26 | Hybrid neural conditional random fields for multi-view sequence labeling. Knowledge-Based Systems, 2020, 189, 105151. | 7.1 | 13 |
| 27 | Multi-View Support Vector Machines with the Consensus and Complementarity Information. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2401-2413. | 5.7 | 54 |
| 28 | Decomposed slice sampling for factorized distributions. Pattern Recognition, 2020, 97, 107021. | 8.1 | 1 |
| 29 | Multiview Uncorrelated Locality Preserving Projection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3442-3455. | 11.3 | 34 |
| 30 | A Survey of Optimization Methods From a Machine Learning Perspective. IEEE Transactions on Cybernetics, 2020, 50, 3668-3681. | 9.5 | 335 |
| 31 | Policy-based reinforcement learning for time series anomaly detection. Engineering Applications of Artificial Intelligence, 2020, 95, 103919. | 8.1 | 42 |
| 32 | Attentive multi-view reinforcement learning. International Journal of Machine Learning and Cybernetics, 2020, 11, 2461-2474. | 3.6 | 4 |
| 33 | Multiview learning with variational mixtures of Gaussian processes. Knowledge-Based Systems, 2020, 200, 105990. | 7.1 | 2 |
| 34 | Online anomaly detection with sparse Gaussian processes. Neurocomputing, 2020, 403, 383-399. | 5.9 | 14 |
| 35 | Neural Langevin Dynamical Sampling. IEEE Access, 2020, 8, 31595-31605. | 4.2 | 15 |
| 36 | General multi-view semi-supervised least squares support vector machines with multi-manifold regularization. Information Fusion, 2020, 62, 63-72. | 19.1 | 34 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Dynamical Sampling with Langevin Normalization Flows. Entropy, 2019, 21, 1096. | 2.2 | 2 |
| 38 | Guest Editorial: Special Issue on New Advances in Deep-Transfer Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 357-359. | 4.9 | 5 |
| 39 | An Accelerated Linearly Convergent Stochastic L-BFGS Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3338-3346. | 11.3 | 27 |
| 40 | Generalizing expectation propagation with mixtures of exponential family distributions and an application to Bayesian logistic regression. Neurocomputing, 2019, 337, 180-190. | 5.9 | 4 |
| 41 | General multi-view learning with maximum entropy discrimination. Neurocomputing, 2019, 332, 184-192. | 5.9 | 18 |
| 42 | Multi-view learning for visual violence recognition with maximum entropy discrimination and deep features. Information Fusion, 2019, 50, 43-53. | 19.1 | 30 |
| 43 | Multi-view Opinion Mining with Deep Learning. Neural Processing Letters, 2019, 50, 1451-1463. | 3.2 | 6 |
| 44 | Semi-supervised multi-view maximum entropy discrimination with expectation Laplacian regularization. Information Fusion, 2019, 45, 296-306. | 19.1 | 34 |
| 45 | Multiview Learning With Generalized Eigenvalue Proximal Support Vector Machines. IEEE Transactions on Cybernetics, 2019, 49, 688-697. | 9.5 | 55 |
| 46 | A Conditional Random Fields Based Framework for Multiview Sequential Data Modeling. Communications in Computer and Information Science, 2019, , 698-706. | 0.5 | 1 |
| 47 | Domain Adaptation with Twin Support Vector Machines. Neural Processing Letters, 2018, 48, 1213-1226. | 3.2 | 19 |
| 48 | Multi-view Deep Gaussian Processes. Lecture Notes in Computer Science, 2018, , 130-139. | 1.3 | 3 |
| 49 | Multi-view learning overview: Recent progress and new challenges. Information Fusion, 2017, 38, 43-54. | 19.1 | 619 |
| 50 | PAC-Bayes analysis of multi-view learning. Information Fusion, 2017, 35, 117-131. | 19.1 | 45 |
| 51 | A review of natural language processing techniques for opinion mining systems. Information Fusion, 2017, 36, 10-25. | 19.1 | 370 |
| 52 | Variational hidden conditional random fields with beta processes. , 2017, , . | | 0 |
| 53 | Multi-view Regularized Gaussian Processes. Lecture Notes in Computer Science, 2017, , 655-667. | 1.3 | 10 |
| 54 | Multi-kernel maximum entropy discrimination for multi-view learning. Intelligent Data Analysis, 2016, 20, 481-493. | 0.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
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| 55 | Local Tangent Space Discriminant Analysis. <i>Neural Processing Letters</i> , 2016, 43, 727-744. | 3.2 | 7 |
| 56 | Consensus and complementarity based maximum entropy discrimination for multi-view classification. <i>Information Sciences</i> , 2016, 367-368, 296-310. | 6.9 | 86 |
| 57 | Alternative Multiview Maximum Entropy Discrimination. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 1445-1456. | 11.3 | 50 |
| 58 | High-Order Gaussian Process Dynamical Models for Traffic Flow Prediction. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016, 17, 2014-2019. | 8.0 | 60 |
| 59 | Multiview Uncorrelated Discriminant Analysis. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 3272-3284. | 9.5 | 106 |
| 60 | Sparse uncorrelated cross-domain feature extraction for signal classification in brain-computer interfaces. , 2015, , . | | 0 |
| 61 | Machine Learning with Applications to Autonomous Systems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-2. | 1.1 | 5 |
| 62 | Semisupervised Tangent Space Discriminant Analysis. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-10. | 1.1 | 2 |
| 63 | Multi-view twin support vector machines. <i>Intelligent Data Analysis</i> , 2015, 19, 701-712. | 0.9 | 52 |
| 64 | PAC-Bayes Analysis for Twin Support Vector Machines. , 2015, , . | | 1 |
| 65 | Uncorrelated transferable feature extraction for signal classification in brain-computer interfaces. , 2015, , . | | 1 |
| 66 | A survey of multi-source domain adaptation. <i>Information Fusion</i> , 2015, 24, 84-92. | 19.1 | 204 |
| 67 | A review of Nyström methods for large-scale machine learning. <i>Information Fusion</i> , 2015, 26, 36-48. | 19.1 | 42 |
| 68 | Text detection in nature scene images using two-stage nontext filtering. , 2015, , . | | 13 |
| 69 | Multitask centroid twin support vector machines. <i>Neurocomputing</i> , 2015, 149, 1085-1091. | 5.9 | 35 |
| 70 | Multi-view Laplacian twin support vector machines. <i>Applied Intelligence</i> , 2014, 41, 1059-1068. | 5.3 | 48 |
| 71 | Multi-view uncorrelated linear discriminant analysis with applications to handwritten digit recognition. , 2014, , . | | 16 |
| 72 | Supervised Bayesian sparse coding for classification. , 2014, , . | | 1 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Active learning of Gaussian processes with manifold-preserving graph reduction. <i>Neural Computing and Applications</i> , 2014, 25, 1615-1625. | 5.6 | 16 |
| 74 | A review of adaptive feature extraction and classification methods for EEG-based brain-computer interfaces. , 2014, , . | | 46 |
| 75 | Sparse Gaussian processes with manifold-preserving graph reduction. <i>Neurocomputing</i> , 2014, 138, 99-105. | 5.9 | 6 |
| 76 | A survey of multi-view machine learning. <i>Neural Computing and Applications</i> , 2013, 23, 2031-2038. | 5.6 | 664 |
| 77 | Trajectory-based human activity recognition with hierarchical dirichlet process hidden Markov models. , 2013, , . | | 14 |
| 78 | A review of deterministic approximate inference techniques for Bayesian machine learning. <i>Neural Computing and Applications</i> , 2013, 23, 2039-2050. | 5.6 | 33 |
| 79 | Tangent space intrinsic manifold regularization for data representation. , 2013, , . | | 11 |
| 80 | Semi-supervised feature extraction for EEG classification. <i>Pattern Analysis and Applications</i> , 2013, 16, 213-222. | 4.6 | 27 |
| 81 | Infinite mixtures of multivariate Gaussian processes. , 2013, , . | | 1 |
| 82 | Kernel regression with sparse metric learning. <i>Journal of Intelligent and Fuzzy Systems</i> , 2013, 24, 775-787. | 1.4 | 14 |
| 83 | Single-task and multitask sparse Gaussian processes. , 2013, , . | | 1 |
| 84 | Network-Scale Traffic Modeling and Forecasting with Graphical Lasso and Neural Networks. <i>Journal of Transportation Engineering</i> , 2012, 138, 1358-1367. | 0.9 | 99 |
| 85 | A subject transfer framework for EEG classification. <i>Neurocomputing</i> , 2012, 82, 109-116. | 5.9 | 97 |
| 86 | Semi-supervised feature extraction with local temporal regularization for EEG classification. , 2011, , . | | 5 |
| 87 | A review of optimization methodologies in support vector machines. <i>Neurocomputing</i> , 2011, 74, 3609-3618. | 5.9 | 208 |
| 88 | Multiple-View Multiple-Learner Semi-Supervised Learning. <i>Neural Processing Letters</i> , 2011, 34, 229-240. | 3.2 | 52 |
| 89 | The stochastic approximation method for adaptive Bayesian classifiers: towards online brain-computer interfaces. <i>Neural Computing and Applications</i> , 2011, 20, 31-40. | 5.6 | 13 |
| 90 | ROBUST CO-TRAINING. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2011, 25, 1113-1126. | 1.2 | 69 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | HIERARCHICAL DISTANCE METRIC LEARNING FOR LARGE MARGIN NEAREST NEIGHBOR CLASSIFICATION. International Journal of Pattern Recognition and Artificial Intelligence, 2011, 25, 1073-1087. | 1.2 | 24 |
| 92 | Multi-view Laplacian Support Vector Machines. Lecture Notes in Computer Science, 2011, , 209-222. | 1.3 | 65 |
| 93 | Multiple-view multiple-learner active learning. Pattern Recognition, 2010, 43, 3113-3119. | 8.1 | 57 |
| 94 | Local within-class accuracies for weighting individual outputs in multiple classifier systems. Pattern Recognition Letters, 2010, 31, 119-124. | 4.2 | 29 |
| 95 | Extreme energy difference for feature extraction of EEG signals. Expert Systems With Applications, 2010, 37, 4350-4357. | 7.6 | 19 |
| 96 | An experimental evaluation of ensemble methods for EEG signal classification. Pattern Recognition Letters, 2007, 28, 2157-2163. | 4.2 | 117 |
| 97 | Multi-view multi-label active learning with conditional Bernoulli mixtures. International Journal of Machine Learning and Cybernetics, 0, , 1. | 3.6 | 3 |
| 98 | Editorial: special issue on multi-view learning. Applied Intelligence, 0, , 1. | 5.3 | 0 |