

# Masashi Sugiyama

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

135  
papers

2,691  
citations

27  
h-index

47  
g-index

141  
ext. papers

3,382  
ext. citations

3.6  
avg, IF

5.48  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 135 | Spatiotemporal dynamics of odor representations in the human brain revealed by EEG decoding.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2114966119 | 11.5 | 2         |
| 134 | Semisupervised Ordinal Regression Based on Empirical Risk Minimization. <i>Neural Computation</i> , <b>2021</b> , 33, 3361-3412   | 2.9  | 0         |
| 133 | Classification From Pairwise Similarities/Dissimilarities and Unlabeled Data via Empirical Risk Minimization. <i>Neural Computation</i> , <b>2021</b> , 33, 1234-1268   | 2.9  | 3         |
| 132 | Constraint learning for control tasks with limited duration barrier functions. <i>Automatica</i> , <b>2021</b> , 127, 109504  | 5.7  | 1         |
| 131 | Artificial Neural Variability for Deep Learning: On Overfitting, Noise Memorization, and Catastrophic Forgetting. <i>Neural Computation</i> , <b>2021</b> , 33, 2163-2192   | 2.9  | 6         |
| 130 | Direction Matters: On Influence-Preserving Graph Summarization and Max-Cut Principle for Directed Graphs. <i>Neural Computation</i> , <b>2021</b> , 33, 2128-2162   | 2.9  |           |
| 129 | Information-Theoretic Representation Learning for Positive-Unlabeled Classification. <i>Neural Computation</i> , <b>2021</b> , 33, 244-268  | 2.9  | 0         |
| 128 | Binary classification with ambiguous training data. <i>Machine Learning</i> , <b>2020</b> , 109, 2369-2388  | 4    | 2         |
| 127 | Stochastic Multichannel Ranking with Brain Dynamics Preferences. <i>Neural Computation</i> , <b>2020</b> , 32, 1499-1530  | 5.3  | 3         |
| 126 | Classification from Triplet Comparison Data. <i>Neural Computation</i> , <b>2020</b> , 32, 659-681  | 2.9  | 5         |
| 125 | Principled analytic classifier for positive-unlabeled learning via weighted integral probability metric. <i>Machine Learning</i> , <b>2020</b> , 109, 513-532   | 4    | 4         |
| 124 | Active deep Q-learning with demonstration. <i>Machine Learning</i> , <b>2020</b> , 109, 1699-1725   | 4    | 6         |
| 123 | Unsupervised key frame selection using information theory and colour histogram difference. <i>International Journal of Business Intelligence and Data Mining</i> , <b>2020</b> , 16, 324                              | 0.3  |           |
| 122 | Polynomial-Time Algorithms for Multiple-Arm Identification with Full-Bandit Feedback. <i>Neural Computation</i> , <b>2020</b> , 32, 1733-1773   | 2.9  |           |
| 121 | Learning Efficient Tensor Representations with Ring-structured Networks <b>2019</b> ,   |      | 19        |
| 120 | Foreword: special issue for the journal track of the 10th Asian Conference on Machine Learning (ACML 2018). <i>Machine Learning</i> , <b>2019</b> , 108, 717-719  | 4    |           |
| 119 | Good arm identification via bandit feedback. <i>Machine Learning</i> , <b>2019</b> , 108, 721-745   | 4    | 2         |

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|-----|--|------|----|
| 118 | On the Applicability of Registration Uncertainty. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 410-419   | 0.9  | 6  |
| 117 | Clipped Matrix Completion: A Remedy for Ceiling Effects. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 5151-5158  | 5    | 1  |
| 116 | Millionaire: a hint-guided approach for crowdsourcing. <i>Machine Learning</i> , <b>2019</b> , 108, 831-858  | 4    | 0  |
| 115 | ECG-Based Concentration Recognition With Multi-Task Regression. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2019</b> , 66, 101-110   | 5    | 5  |
| 114 | Sufficient Dimension Reduction via Direct Estimation of the Gradients of Logarithmic Conditional Densities. <i>Neural Computation</i> , <b>2018</b> , 30, 477-504  | 2.9  | 1  |
| 113 | Semi-supervised AUC optimization based on positive-unlabeled learning. <i>Machine Learning</i> , <b>2018</b> , 107, 767-794  | 4    | 10 |
| 112 | Using the variogram for vector outlier screening: application to feature-based image registration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2018</b> , 13, 1871-1880 | 3.9  | 8  |
| 111 | Bias Reduction and Metric Learning for Nearest-Neighbor Estimation of Kullback-Leibler Divergence. <i>Neural Computation</i> , <b>2018</b> , 30, 1930-1960   | 2.9  | 9  |
| 110 | A Feature-Driven Active Framework for Ultrasound-Based Brain Shift Compensation. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 30-38  | 0.9  | 8  |
| 109 | Stochastic Divergence Minimization for Biterm Topic Models. <i>IEICE Transactions on Information and Systems</i> , <b>2018</b> , E101.D, 668-677   | 0.6  |    |
| 108 | Active Feature Acquisition with Supervised Matrix Completion <b>2018</b> ,   |      | 7  |
| 107 | Convex formulation of multiple instance learning from positive and unlabeled bags. <i>Neural Networks</i> , <b>2018</b> , 105, 132-141   | 9.1  | 5  |
| 106 | Lung lesion detection in FDG-PET/CT with Gaussian process regression <b>2017</b> ,   |      | 2  |
| 105 | Support consistency of direct sparse-change learning in Markov networks. <i>Annals of Statistics</i> , <b>2017</b> , 45,   | 3.2  | 6  |
| 104 | Direct Estimation of the Derivative of Quadratic Mutual Information with Application in Supervised Dimension Reduction. <i>Neural Computation</i> , <b>2017</b> , 29, 2076-2122                          | 2.9  | 7  |
| 103 | Tensor Networks for Dimensionality Reduction and Large-scale Optimization: Part 2 Applications and Future Perspectives. <i>Foundations and Trends in Machine Learning</i> , <b>2017</b> , 9, 249-429     | 32.9 | 74 |
| 102 | Homotopy continuation approaches for robust SV classification and regression. <i>Machine Learning</i> , <b>2017</b> , 106, 1009-1038   | 4    | 5  |
| 101 | Class-prior estimation for learning from positive and unlabeled data. <i>Machine Learning</i> , <b>2017</b> , 106, 463-492   |      | 26 |

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|-----|--|------|----|
| 100 | Geometry-aware principal component analysis for symmetric positive definite matrices. <i>Machine Learning</i> , <b>2017</b> , 106, 493-522   | 4    | 16 |
| 99  | Model-based reinforcement learning with dimension reduction. <i>Neural Networks</i> , <b>2016</b> , 84, 1-16   | 9.1  | 7  |
| 98  | Target-less camera-LiDAR extrinsic calibration using a bagged dependence estimator <b>2016</b> ,   |      | 9  |
| 97  | Statistical outlier detection for diagnosis of cyber attacks in power state estimation <b>2016</b> ,   |      | 12 |
| 96  | Modal Regression via Direct Log-Density Derivative Estimation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 108-116  | 0.9  | 9  |
| 95  | Direct Density Derivative Estimation. <i>Neural Computation</i> , <b>2016</b> , 28, 1101-40  | 2.9  | 5  |
| 94  | Regularized Multitask Learning for Multidimensional Log-Density Gradient Estimation. <i>Neural Computation</i> , <b>2016</b> , 28, 1388-410  | 2.9  | 3  |
| 93  | Theoretical and Experimental Analyses of Tensor-Based Regression and Classification. <i>Neural Computation</i> , <b>2016</b> , 28, 686-715   | 2.9  | 19 |
| 92  | Trial and Error: Using Previous Experiences as Simulation Models in Humanoid Motor Learning. <i>IEEE Robotics and Automation Magazine</i> , <b>2016</b> , 23, 96-105                   | 3.4  | 3  |
| 91  | An Online Policy Gradient Algorithm for Markov Decision Processes with Continuous States and Actions. <i>Neural Computation</i> , <b>2016</b> , 28, 563-93                             | 2.9  | 0  |
| 90  | Computationally Efficient Class-Prior Estimation under Class Balance Change Using Energy Distance. <i>IEICE Transactions on Information and Systems</i> , <b>2016</b> , E99.D, 176-186 | 0.6  | 5  |
| 89  | Dependence maximization localization: a novel approach to 2D street-map-based robot localization. <i>Advanced Robotics</i> , <b>2016</b> , 30, 1431-1445                               | 1.7  | 1  |
| 88  | Importance-weighted covariance estimation for robust common spatial pattern. <i>Pattern Recognition Letters</i> , <b>2015</b> , 68, 139-145  | 4.7  | 10 |
| 87  | Online Direct Density-Ratio Estimation Applied to Inlier-Based Outlier Detection. <i>Neural Computation</i> , <b>2015</b> , 27, 1899-914   | 2.9  |    |
| 86  | A fault detection technique for the steel manufacturing process based on a normal pattern library. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 871-876                                | 0.7  | 2  |
| 85  | Cross-Domain Matching with Squared-Loss Mutual Information. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2015</b> , 37, 1764-76                          | 13.3 | 5  |
| 84  | Conditional density estimation with dimensionality reduction via squared-loss conditional entropy minimization. <i>Neural Computation</i> , <b>2015</b> , 27, 228-54                   | 2.9  | 7  |
| 83  | Registration of infrared transmission images using squared-loss mutual information. <i>Precision Engineering</i> , <b>2015</b> , 39, 187-193   | 2.9  | 2  |

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|----|---|-----|-----|
| 82 | Bandit-Based Task Assignment for Heterogeneous Crowdsourcing. <i>Neural Computation</i> , <b>2015</b> , 27, 2447-259  |     | 8   |
| 81 | Direct Density Ratio Estimation with Convolutional Neural Networks with Application in Outlier Detection. <i>IEICE Transactions on Information and Systems</i> , <b>2015</b> , E98.D, 1073-1079 | 0.6 | 4   |
| 80 | Averaging covariance matrices for EEG signal classification based on the CSP: An empirical study <b>2015</b> ,  |     | 16  |
| 79 | Direct conditional probability density estimation with sparse feature selection. <i>Machine Learning</i> , <b>2015</b> , 100, 161-182   | 4   | 2   |
| 78 | Predictive Approaches for Low-Cost Preventive Medicine Program in Developing Countries <b>2015</b> ,  |     | 4   |
| 77 | Health checkup and telemedical intervention program for preventive medicine in developing countries: verification study. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e2     | 7.6 | 22  |
| 76 | High-dimensional feature selection by feature-wise kernelized Lasso. <i>Neural Computation</i> , <b>2014</b> , 26, 185-207  |     | 136 |
| 75 | Information-maximization clustering based on squared-loss mutual information. <i>Neural Computation</i> , <b>2014</b> , 26, 84-131  | 2.9 | 21  |
| 74 | Semi-supervised learning of class balance under class-prior change by distribution matching. <i>Neural Networks</i> , <b>2014</b> , 50, 110-9   | 9.1 | 33  |
| 73 | A least-squares approach to anomaly detection in static and sequential data. <i>Pattern Recognition Letters</i> , <b>2014</b> , 40, 36-40   | 4.7 | 30  |
| 72 | Semi-supervised information-maximization clustering. <i>Neural Networks</i> , <b>2014</b> , 57, 103-11  | 9.1 | 7   |
| 71 | Class Prior Estimation from Positive and Unlabeled Data. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 1358-1362  | 0.6 | 35  |
| 70 | Constrained Least-Squares Density-Difference Estimation. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 1822-1829  | 0.6 | 3   |
| 69 | Unsupervised Dimension Reduction via Least-Squares Quadratic Mutual Information. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 2806-2809                          | 0.6 | 2   |
| 68 | Computationally Efficient Estimation of Squared-Loss Mutual Information with Multiplicative Kernel Models. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 968-971  | 0.6 | 9   |
| 67 | Tree-Based Ensemble Multi-Task Learning Method for Classification and Regression. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 1677-1681                         | 0.6 | 29  |
| 66 | Model-based policy gradients with parameter-based exploration by least-squares conditional density estimation. <i>Neural Networks</i> , <b>2014</b> , 57, 128-40                                | 9.1 | 7   |
| 65 | Statistical Analysis of Distance Estimators with Density Differences and Density Ratios. <i>Entropy</i> , <b>2014</b> , 16, 921-942   | 2.8 | 3   |

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|----|---|-----|-----|
| 64 | Direct learning of sparse changes in Markov networks by density ratio estimation. <i>Neural Computation</i> , <b>2014</b> , 26, 1169-97   | 2.9 | 9   |
| 63 | Information-theoretic semi-supervised metric learning via entropy regularization. <i>Neural Computation</i> , <b>2014</b> , 26, 1717-62   | 2.9 | 56  |
| 62 | Least-squares independence regression for non-linear causal inference under non-Gaussian noise. <i>Machine Learning</i> , <b>2014</b> , 96, 249-267   | 4   | 7   |
| 61 | Variational Bayesian sparse additive matrix factorization. <i>Machine Learning</i> , <b>2013</b> , 92, 319-347  | 4   | 30  |
| 60 | Computational complexity of kernel-based density-ratio estimation: a condition number analysis. <i>Machine Learning</i> , <b>2013</b> , 90, 431-460   | 4   | 11  |
| 59 | Learning under nonstationarity: covariate shift and class-balance change. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , <b>2013</b> , 5, 465-477   | 1.4 | 12  |
| 58 | Change-point detection in time-series data by relative density-ratio estimation. <i>Neural Networks</i> , <b>2013</b> , 43, 72-83   | 9.1 | 217 |
| 57 | Sufficient dimension reduction via squared-loss mutual information estimation. <i>Neural Computation</i> , <b>2013</b> , 25, 725-58   | 2.9 | 39  |
| 56 | Efficient sample reuse in policy gradients with parameter-based exploration. <i>Neural Computation</i> , <b>2013</b> , 25, 1512-47  | 2.9 | 16  |
| 55 | Relative density-ratio estimation for robust distribution comparison. <i>Neural Computation</i> , <b>2013</b> , 25, 1324-30   | 4.7 | 41  |
| 54 | Noise adaptive optimization of matrix initialization for frequency-domain independent component analysis <b>2013</b> , 23, 1-8  |     | 1   |
| 53 | Clustering Unclustered Data: Unsupervised Binary Labeling of Two Datasets Having Different Class Balances <b>2013</b> ,   |     | 1   |
| 52 | Improved algorithm for multiwavelength single-shot interferometric surface profiling: speeding up the multiwavelength-integrated local model fitting method by local information sharing. <i>Applied Optics</i> , <b>2013</b> , 52, 4042-53 | 1.7 | 2   |
| 51 | Machine Learning with Squared-Loss Mutual Information. <i>Entropy</i> , <b>2013</b> , 15, 80-112  | 2.8 | 24  |
| 50 | Density-difference estimation. <i>Neural Computation</i> , <b>2013</b> , 25, 2734-75  | 2.9 | 28  |
| 49 | Direct Approximation of Quadratic Mutual Information and Its Application to Dependence-Maximization Clustering. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 2282-2285                                       | 0.6 | 4   |
| 48 | Winning the Kaggle Algorithmic Trading Challenge with the Composition of Many Models and Feature Engineering. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 742-745   | 0.6 | 3   |
| 47 | Computationally Efficient Multi-Label Classification by Least-Squares Probabilistic Classifiers. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 1871-1874  | 0.6 |     |

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| 46 | Feature Selection via l1-Penalized Squared-Loss Mutual Information. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 1513-1524                                      | 0.6 | 8   |
| 45 | Artist Agent: A Reinforcement Learning Approach to Automatic Stroke Generation in Oriental Ink Painting. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 1134-1144 | 0.6 | 14  |
| 44 | Salient Object Detection Based on Direct Density-ratio Estimation. <i>IPSJ Online Transactions</i> , <b>2013</b> , 6, 96-103   |     | 1   |
| 43 | SemiCCA: Efficient Semi-supervised Learning of Canonical Correlations. <i>IPSJ Online Transactions</i> , <b>2013</b> , 6, 37-44  |     | 4   |
| 42 | Designing Various Multivariate Analysis at Will via Generalized Pairwise Expression. <i>IPSJ Online Transactions</i> , <b>2013</b> , 6, 45-54  |     | 1   |
| 41 | Direct Divergence Approximation between Probability Distributions and Its Applications in Machine Learning. <i>Journal of Computing Science and Engineering</i> , <b>2013</b> , 7, 99-111      | 1.8 | 24  |
| 40 | Importance-weighted least-squares probabilistic classifier for covariate shift adaptation with application to human activity recognition. <i>Neurocomputing</i> , <b>2012</b> , 80, 93-101     | 5.4 | 47  |
| 39 | Analysis and improvement of policy gradient estimation. <i>Neural Networks</i> , <b>2012</b> , 26, 118-29  | 9.1 | 19  |
| 38 | $\mathcal{H}$ -Divergence Estimation and Two-Sample Homogeneity Test Under Semiparametric Density-Ratio Models. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 708-720     | 2.8 | 20  |
| 37 | Statistical analysis of kernel-based least-squares density-ratio estimation. <i>Machine Learning</i> , <b>2012</b> , 86, 335-367   | 4   | 43  |
| 36 | Improving importance estimation in pool-based batch active learning for approximate linear regression. <i>Neural Networks</i> , <b>2012</b> , 36, 73-82  | 9.1 | 1   |
| 35 | Canonical dependency analysis based on squared-loss mutual information. <i>Neural Networks</i> , <b>2012</b> , 34, 46-55   | 9.1 | 14  |
| 34 | Density Ratio Estimation in Machine Learning <b>2012</b> ,   |     | 112 |
| 33 | Multi-Task Approach to Reinforcement Learning for Factored-State Markov Decision Problems. <i>IEICE Transactions on Information and Systems</i> , <b>2012</b> , E95.D, 2426-2437               | 0.6 |     |
| 32 | Sequential change-point detection based on direct density-ratio estimation. <i>Statistical Analysis and Data Mining</i> , <b>2012</b> , 5, 114-127   | 1.4 | 93  |
| 31 | Multi-parametric solution-path algorithm for instance-weighted support vector machines. <i>Machine Learning</i> , <b>2012</b> , 88, 297-330  | 4   | 16  |
| 30 | Boosting and margin theory. <i>Frontiers of Electrical and Electronic Engineering</i> , <b>2012</b> , 7, 127-133   |     | 3   |
| 29 | Density-ratio matching under the Bregman divergence: a unified framework of density-ratio estimation. <i>Annals of the Institute of Statistical Mathematics</i> , <b>2012</b> , 64, 1009-1044  | 1   | 48  |

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| 28 | Multiwavelength-integrated local model fitting method for interferometric surface profiling. <i>Applied Optics</i> , <b>2012</b> , 51, 6700-7   | 1.7 | 2   |
| 27 | On Kernel Parameter Selection in Hilbert-Schmidt Independence Criterion. <i>IEICE Transactions on Information and Systems</i> , <b>2012</b> , E95.D, 2564-2567  | 0.6 | 7   |
| 26 | Early Stopping Heuristics in Pool-Based Incremental Active Learning for Least-Squares Probabilistic Classifier. <i>IEICE Transactions on Information and Systems</i> , <b>2012</b> , E95.D, 2065-2073 | 0.6 | 1   |
| 25 | The Degrees of Freedom of Partial Least Squares Regression. <i>Journal of the American Statistical Association</i> , <b>2011</b> , 106, 697-705   | 2.8 | 54  |
| 24 | Statistical outlier detection using direct density ratio estimation. <i>Knowledge and Information Systems</i> , <b>2011</b> , 26, 309-336   | 2.4 | 98  |
| 23 | Direct density-ratio estimation with dimensionality reduction via least-squares hetero-distributional subspace search. <i>Neural Networks</i> , <b>2011</b> , 24, 183-98                              | 9.1 | 24  |
| 22 | Least-squares two-sample test. <i>Neural Networks</i> , <b>2011</b> , 24, 735-51  | 9.1 | 13  |
| 21 | Reward-weighted regression with sample reuse for direct policy search in reinforcement learning. <i>Neural Computation</i> , <b>2011</b> , 23, 2798-832   | 2.9 | 13  |
| 20 | Least-squares independent component analysis. <i>Neural Computation</i> , <b>2011</b> , 23, 284-301   | 2.9 | 22  |
| 19 | Semi-supervised local Fisher discriminant analysis for dimensionality reduction. <i>Machine Learning</i> , <b>2010</b> , 78, 35-61  | 4   | 186 |
| 18 | Application of covariate shift adaptation techniques in brain-computer interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2010</b> , 57, 1318-24                                     | 5   | 91  |
| 17 | Semi-supervised speaker identification under covariate shift. <i>Signal Processing</i> , <b>2010</b> , 90, 2353-2361  | 4.4 | 27  |
| 16 | Dimensionality reduction for density ratio estimation in high-dimensional spaces. <i>Neural Networks</i> , <b>2010</b> , 23, 44-59  | 9.1 | 36  |
| 15 | Theory and algorithm for learning with dissimilarity functions. <i>Neural Computation</i> , <b>2009</b> , 21, 1459-84   | 2.9 | 8   |
| 14 | Pool-based active learning in approximate linear regression. <i>Machine Learning</i> , <b>2009</b> , 75, 249-274  | 4   | 40  |
| 13 | On Generalization Performance and Non-Convex Optimization of Extended $\mathcal{E}$ Support Vector Machine. <i>New Generation Computing</i> , <b>2009</b> , 27, 259-279                               | 0.9 | 3   |
| 12 | Dual-Augmented Lagrangian Method for Efficient Sparse Reconstruction. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 1067-1070   | 3.2 | 45  |
| 11 | A Multipurpose Linear Component Analysis Method Based on Modulated Hebb-Oja Learning Rule. <i>IEEE Signal Processing Letters</i> , <b>2008</b> , 15, 677-680  | 3.2 | 3   |



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|----|--|-----|-----|
| 10 | Direct importance estimation for covariate shift adaptation. <i>Annals of the Institute of Statistical Mathematics</i> , <b>2008</b> , 60, 699-746   | 1   | 173 |
| 9  | Geodesic Gaussian kernels for value function approximation. <i>Autonomous Robots</i> , <b>2008</b> , 25, 287-304   | 3   | 18  |
| 8  | A batch ensemble approach to active learning with model selection. <i>Neural Networks</i> , <b>2008</b> , 21, 1278-86  | 9.1 | 15  |
| 7  | A new algorithm of non-Gaussian component analysis with radial kernel functions. <i>Annals of the Institute of Statistical Mathematics</i> , <b>2007</b> , 59, 57-75                                 | 1   | 15  |
| 6  | Single-shot surface profiling by local model fitting. <i>Applied Optics</i> , <b>2006</b> , 45, 7999-8005  | 1.7 | 23  |
| 5  | Trading variance reduction with unbiasedness: the regularized subspace information criterion for robust model selection in kernel regression. <i>Neural Computation</i> , <b>2004</b> , 16, 1077-104 | 2.9 | 15  |
| 4  | A unified method for optimizing linear image restoration filters. <i>Signal Processing</i> , <b>2002</b> , 82, 1773-1787   | 4.4 | 12  |
| 3  | Theoretical and Experimental Evaluation of the Subspace Information Criterion. <i>Machine Learning</i> , <b>2002</b> , 48, 25-50   | 4   | 4   |
| 2  | Subspace information criterion for model selection. <i>Neural Computation</i> , <b>2001</b> , 13, 1863-89  | 2.9 | 41  |
| 1  | Incremental active learning for optimal generalization. <i>Neural Computation</i> , <b>2000</b> , 12, 2909-40  | 2.9 | 13  |