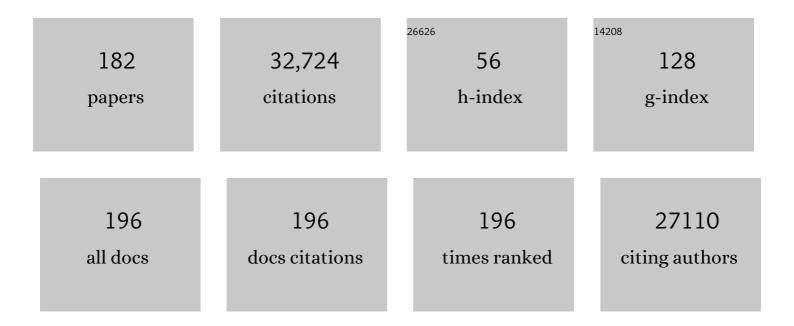
## Michael I Jordan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1885839/publications.pdf Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Machine learning: Trends, perspectives, and prospects. Science, 2015, 349, 255-260.  | 12.6 | 4,904     |
| 2  | Hierarchical Dirichlet Processes. Journal of the American Statistical Association, 2006, 101, 1566-1581.   | 3.1  | 2,215     |
| 3  | An Introduction to Variational Methods for Graphical Models. Machine Learning, 1999, 37, 183-233.  | 5.4  | 1,889     |
| 4  | An Introduction to MCMC for Machine Learning. Machine Learning, 2003, 50, 5-43.  | 5.4  | 1,641     |
| 5  | Deep generative modeling for single-cell transcriptomics. Nature Methods, 2018, 15, 1053-1058.   | 19.0 | 1,227     |
| 6  | Graphical Models, Exponential Families, and Variational Inference. Foundations and Trends in Machine<br>Learning, 2007, 1, 1-305.  | 69.0 | 1,196     |
| 7  | Convex and Semi-Nonnegative Matrix Factorizations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 45-55.  | 13.9 | 951       |
| 8  | Variational inference for Dirichlet process mixtures. Bayesian Analysis, 2006, 1, 121.   | 3.0  | 939       |
| 9  | Multiple kernel learning, conic duality, and the SMO algorithm. , 2004, , .  |      | 872       |
| 10 | Detecting large-scale system problems by mining console logs. , 2009, , .  |      | 737       |
| 11 | Factorial Hidden Markov Models. Machine Learning, 1997, 29, 245-273.   | 5.4  | 674       |
| 12 | Modeling annotated data. , 2003, , .   |      | 597       |
| 13 | A statistical framework for genomic data fusion. Bioinformatics, 2004, 20, 2626-2635.  | 4.1  | 568       |
| 14 | Convexity, Classification, and Risk Bounds. Journal of the American Statistical Association, 2006, 101, 138-156.   | 3.1  | 529       |
| 15 | A Direct Formulation for Sparse PCA Using Semidefinite Programming. SIAM Review, 2007, 49, 434-448.  | 8.4  | 524       |
| 16 | Chemogenomic profiling: Identifying the functional interactions of small molecules in yeast.<br>Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 793-798. | 7.1  | 460       |
| 17 | The nested chinese restaurant process and bayesian nonparametric inference of topic hierarchies.<br>Journal of the ACM, 2010, 57, 1-30.  | 2.2  | 390       |
| 18 | Bayesian parameter estimation via variational methods. Statistics and Computing, 2000, 10, 25-37.  | 1.5  | 383       |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Graphical Models. Statistical Science, 2004, 19, 140.   | 2.8  | 375       |
| 20 | Transferable Representation Learning with Deep Adaptation Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 3071-3085.    | 13.9 | 345       |
| 21 | Joint covariate selection and joint subspace selection for multiple classification problems. Statistics and Computing, 2010, 20, 231-252.                   | 1.5  | 325       |
| 22 | Local Privacy and Statistical Minimax Rates. , 2013, , .  |      | 310       |
| 23 | Managing data transfers in computer clusters with orchestra. , 2011, , .  |      | 301       |
| 24 | Fast approximate spectral clustering. , 2009, , .   |      | 295       |
| 25 | Learning Dependency-Based Compositional Semantics. Computational Linguistics, 2013, 39, 389-446.  | 3.3  | 268       |
| 26 | Estimating Divergence Functionals and the Likelihood Ratio by Convex Risk Minimization. IEEE Transactions on Information Theory, 2010, 56, 5847-5861.       | 2.4  | 264       |
| 27 | Partial Transfer Learning with Selective Adversarial Networks. , 2018, , .  |      | 249       |
| 28 | A Scalable Bootstrap for Massive Data. Journal of the Royal Statistical Society Series B: Statistical<br>Methodology, 2014, 76, 795-816.                    | 2.2  | 237       |
| 29 | Scalable statistical bug isolation. ACM SIGPLAN Notices, 2005, 40, 15-26.   | 0.2  | 234       |
| 30 | HopSkipJumpAttack: A Query-Efficient Decision-Based Attack. , 2020, , .   |      | 229       |
| 31 | A sticky HDP-HMM with application to speaker diarization. Annals of Applied Statistics, 2011, 5, .  | 1.1  | 225       |
| 32 | Support union recovery in high-dimensional multivariate regression. Annals of Statistics, 2011, 39, .   | 2.6  | 217       |
| 33 | Universal Domain Adaptation. , 2019, , .  |      | 216       |
| 34 | A Python library for probabilistic analysis of single-cell omics data. Nature Biotechnology, 2022, 40,<br>163-166.  | 17.5 | 216       |
| 35 | A critical assessment of Mus musculus gene function prediction using integrated genomic evidence.<br>Genome Biology, 2008, 9, S2.                           | 9.6  | 214       |
| 36 | Probabilistic harmonization and annotation of singleâ€cell transcriptomics data with deep generative<br>models. Molecular Systems Biology, 2021, 17, e9620. | 7.2  | 211       |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | A variational perspective on accelerated methods in optimization. Proceedings of the National<br>Academy of Sciences of the United States of America, 2016, 113, E7351-E7358.     | 7.1  | 193       |
| 38 | Predicting Multiple Metrics for Queries: Better Decisions Enabled by Machine Learning. Proceedings -<br>International Conference on Data Engineering, 2009, , .                   | 0.0  | 189       |
| 39 | Communication-Efficient Distributed Statistical Inference. Journal of the American Statistical Association, 2019, 114, 668-681.   | 3.1  | 189       |
| 40 | Probabilistic Independence Networks for Hidden Markov Probability Models. Neural Computation, 1997, 9, 227-269.   | 2.2  | 168       |
| 41 | Optimal Rates for Zero-Order Convex Optimization: The Power of Two Function Evaluations. IEEE Transactions on Information Theory, 2015, 61, 2788-2806.                            | 2.4  | 168       |
| 42 | Minimax Optimal Procedures for Locally Private Estimation. Journal of the American Statistical Association, 2018, 113, 182-201.   | 3.1  | 167       |
| 43 | Protein Molecular Function Prediction by Bayesian Phylogenomics. PLoS Computational Biology, 2005, 1, e45.  | 3.2  | 162       |
| 44 | Kernel dimension reduction in regression. Annals of Statistics, 2009, 37, .   | 2.6  | 162       |
| 45 | Bayesian Nonparametric Inference of Switching Dynamic Linear Models. IEEE Transactions on Signal Processing, 2011, 59, 1569-1585.   | 5.3  | 162       |
| 46 | Genomic privacy and limits of individual detection in a pool. Nature Genetics, 2009, 41, 965-967.   | 21.4 | 153       |
| 47 | Learning semantic correspondences with less supervision. , 2009, , .  |      | 152       |
| 48 | Hierarchical Bayesian nonparametric models with applications. , 2010, , 158-207.  |      | 149       |
| 49 | A kernel-based learning approach to ad hoc sensor network localization. ACM Transactions on Sensor Networks, 2005, 1, 134-152.  | 3.6  | 145       |
| 50 | Neighbor-Dependent Ramachandran Probability Distributions of Amino Acids Developed from a<br>Hierarchical Dirichlet Process Model. PLoS Computational Biology, 2010, 6, e1000763. | 3.2  | 145       |
| 51 | Characterizing, modeling, and generating workload spikes for stateful services. , 2010, , .   |      | 145       |
| 52 | Genome-Wide Requirements for Resistance to Functionally Distinct DNA-Damaging Agents. PLoS<br>Genetics, 2005, 1, e24.   | 3.5  | 144       |
| 53 | Computational and statistical tradeoffs via convex relaxation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1181-90.              | 7.1  | 143       |
| 54 | Bug isolation via remote program sampling. ACM SIGPLAN Notices, 2003, 38, 141-154.  | 0.2  | 138       |

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | An HDP-HMM for systems with state persistence. , 2008, , .   |      | 137       |
| 56 | Solving Consensus and Semi-supervised Clustering Problems Using Nonnegative Matrix Factorization. , 2007, , .                              |      | 136       |
| 57 | Online System Problem Detection by Mining Patterns of Console Logs. , 2009, , .  |      | 134       |
| 58 | Nested Hierarchical Dirichlet Processes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 256-270.                | 13.9 | 111       |
| 59 | Distributed optimization with arbitrary local solvers. Optimization Methods and Software, 2017, 32, 813-848.                               | 2.4  | 111       |
| 60 | Scaling up crowd-sourcing to very large datasets. Proceedings of the VLDB Endowment, 2014, 8, 125-136.                                     | 3.8  | 109       |
| 61 | Knowing when you're wrong. , 2014, , .   |      | 106       |
| 62 | MLI: An API for Distributed Machine Learning. , 2013, , .  |      | 105       |
| 63 | Statistical debugging. , 2006, , .   |      | 103       |
| 64 | Mixed Memory Markov Models: Decomposing Complex Stochastic Processes as Mixtures of Simpler<br>Ones. Machine Learning, 1999, 37, 75-87.    | 5.4  | 102       |
| 65 | Sulfur and Nitrogen Limitation in Escherichia coli K-12: Specific Homeostatic Responses. Journal of<br>Bacteriology, 2005, 187, 1074-1090. | 2.2  | 96        |
| 66 | Privacy Aware Learning. Journal of the ACM, 2014, 61, 1-57.  | 2.2  | 96        |
| 67 | Automating model search for large scale machine learning. , 2015, , .  |      | 91        |
| 68 | Nonparametric empirical Bayes for the Dirichlet process mixture model. Statistics and Computing, 2006, 16, 5-14.                           | 1.5  | 78        |
| 69 | DestVI identifies continuums of cell types in spatial transcriptomics data. Nature Biotechnology, 2022, 40, 1360-1369.                     | 17.5 | 75        |
| 70 | Nonnegative Matrix Factorization for Combinatorial Optimization: Spectral Clustering, Graph Matching, and Clique Finding. , 2008, , .      |      | 73        |
| 71 | Matrix concentration inequalities via the method of exchangeable pairs. Annals of Probability, 2014, 42, .                                 | 1.8  | 71        |
| 72 | Consistent probabilistic outputs for protein function prediction. Genome Biology, 2008, 9, S6.   | 9.6  | 68        |

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| #  | Article  | lF   | CITATIONS |
|----|--|------|-----------|
| 73 | On the computational complexity of high-dimensional Bayesian variable selection. Annals of Statistics, 2016, 44, .   | 2.6  | 68        |
| 74 | Active site prediction using evolutionary and structural information. Bioinformatics, 2010, 26, 617-624.   | 4.1  | 67        |
| 75 | On statistics, computation and scalability. Bernoulli, 2013, 19, .   | 1.3  | 65        |
| 76 | Phylogenetic Inference via Sequential Monte Carlo. Systematic Biology, 2012, 61, 579-593.  | 5.6  | 64        |
| 77 | Joint modeling of multiple time series via the beta process with application to motion capture segmentation. Annals of Applied Statistics, 2014, 8, .      | 1.1  | 62        |
| 78 | First-order methods almost always avoid strict saddle points. Mathematical Programming, 2019, 176, 311-337.  | 2.4  | 61        |
| 79 | Regression on manifolds using kernel dimension reduction. , 2007, , .  |      | 59        |
| 80 | Bayesian semiparametric Wiener system identification. Automatica, 2013, 49, 2053-2063.   | 5.0  | 55        |
| 81 | Genome-scale phylogenetic function annotation of large and diverse protein families. Genome<br>Research, 2011, 21, 1969-1980.                              | 5.5  | 54        |
| 82 | A latent variable model for chemogenomic profiling. Bioinformatics, 2005, 21, 3286-3293.   | 4.1  | 53        |
| 83 | Nonparametric decentralized detection using kernel methods. IEEE Transactions on Signal Processing, 2005, 53, 4053-4066.                                   | 5.3  | 53        |
| 84 | On surrogate loss functions and f-divergences. Annals of Statistics, 2009, 37, .   | 2.6  | 50        |
| 85 | Perturbed Iterate Analysis for Asynchronous Stochastic Optimization. SIAM Journal on Optimization, 2017, 27, 2202-2229.                                    | 2.0  | 50        |
| 86 | Sampling can be faster than optimization. Proceedings of the National Academy of Sciences of the<br>United States of America, 2019, 116, 20881-20885.      | 7.1  | 50        |
| 87 | A Randomization Test for Controlling Population Stratification in Whole-Genome Association Studies. American Journal of Human Genetics, 2007, 81, 895-905. | 6.2  | 48        |
| 88 | Iterative Discovery of Multiple AlternativeClustering Views. IEEE Transactions on Pattern Analysis and<br>Machine Intelligence, 2014, 36, 1340-1353.       | 13.9 | 47        |
| 89 | Multiple-sequence functional annotation and the generalized hidden Markov phylogeny.<br>Bioinformatics, 2004, 20, 1850-1860.                               | 4.1  | 44        |
| 90 | Learning Multiscale Representations of Natural Scenes Using Dirichlet Processes. , 2007, , .   |      | 44        |

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| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | On the inference of ancestries in admixed populations. Genome Research, 2008, 18, 668-675.   | 5.5 | 44        |
| 92  | An asymptotic analysis of generative, discriminative, and pseudolikelihood estimators. , 2008, , .   |     | 43        |
| 93  | Bayesian Nonparametric Methods for Learning Markov Switching Processes. IEEE Signal Processing Magazine, 2010, , .   | 5.6 | 43        |
| 94  | Log-determinant relaxation for approximate inference in discrete Markov random fields. IEEE<br>Transactions on Signal Processing, 2006, 54, 2099-2109.   | 5.3 | 40        |
| 95  | Beta Processes, Stick-Breaking and Power Laws. Bayesian Analysis, 2012, 7, .   | 3.0 | 40        |
| 96  | SM a SH: a benchmarking toolkit for human genome variant calling. Bioinformatics, 2014, 30, 2787-2795.   | 4.1 | 40        |
| 97  | Lessons from Escherichia coli genes similarly regulated in response to nitrogen and sulfur limitation.<br>Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3453-3458. | 7.1 | 39        |
| 98  | A Dual Receptor Crosstalk Model of G-Protein-Coupled Signal Transduction. PLoS Computational Biology, 2008, 4, e1000185.   | 3.2 | 38        |
| 99  | Ergodic Mirror Descent. SIAM Journal on Optimization, 2012, 22, 1549-1578.   | 2.0 | 37        |
| 100 | Cluster Forests. Computational Statistics and Data Analysis, 2013, 66, 178-192.  | 1.2 | 37        |
| 101 | Learning from measurements in exponential families. , 2009, , .  |     | 36        |
| 102 | Evolutionary inference via the Poisson Indel Process. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1160-1166.   | 7.1 | 34        |
| 103 | Understanding the acceleration phenomenon via high-resolution differential equations.<br>Mathematical Programming, 2022, 195, 79-148.  | 2.4 | 34        |
| 104 | Bayesian Haplotype Inference via the Dirichlet Process. Journal of Computational Biology, 2007, 14, 267-284.   | 1.6 | 32        |
| 105 | Bayesian inference for queueing networks and modeling of internet services. Annals of Applied Statistics, 2011, 5, .   | 1.1 | 32        |
| 106 | Real-Time Machine Learning. , 2017, , .  |     | 31        |
| 107 | Distributed Low-Rank Subspace Segmentation. , 2013, , .  |     | 30        |
| 108 | Feature Allocations, Probability Functions, and Paintboxes. Bayesian Analysis, 2013, 8, .  | 3.0 | 30        |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 109 | A unified treatment of multiple testing with prior knowledge using the p-filter. Annals of Statistics, 2019, 47, .  | 2.6  | 30        |
| 110 | Multiway Spectral Clustering: A Margin-Based Perspective. Statistical Science, 2008, 23, .  | 2.8  | 29        |
| 111 | Automatic exploration of datacenter performance regimes. , 2009, , .  |      | 29        |
| 112 | Active spectral clustering via iterative uncertainty reduction. , 2012, , .   |      | 29        |
| 113 | Optimal prediction for sparse linear models? Lower bounds for coordinate-separable M-estimators.<br>Electronic Journal of Statistics, 2017, 11, .                             | 0.7  | 29        |
| 114 | Word alignment via quadratic assignment. , 2006, , .  |      | 29        |
| 115 | Cluster and Feature Modeling from Combinatorial Stochastic Processes. Statistical Science, 2013, 28, .  | 2.8  | 25        |
| 116 | Combinatorial Clustering and the Beta Negative Binomial Process. IEEE Transactions on Pattern<br>Analysis and Machine Intelligence, 2015, 37, 290-306.                        | 13.9 | 23        |
| 117 | Learning Low-Dimensional Signal Models. IEEE Signal Processing Magazine, 2011, 28, 39-51.   | 5.6  | 22        |
| 118 | Joint estimation of gene conversion rates and mean conversion tract lengths from population SNP data. Bioinformatics, 2009, 25, i231-i239.                                    | 4.1  | 20        |
| 119 | Subtree power analysis and species selection for comparative genomics. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7900-7905. | 7.1  | 19        |
| 120 | Extensions of the Informative Vector Machine. Lecture Notes in Computer Science, 2005, , 56-87.   | 1.3  | 19        |
| 121 | Bayesian multi-population haplotype inference via a hierarchical dirichlet process mixture. , 2006, , .   |      | 18        |
| 122 | Nonparametric link prediction in large scale dynamic networks. Electronic Journal of Statistics, 2014,<br>8, .  | 0.7  | 18        |
| 123 | Union support recovery in high-dimensional multivariate regression. , 2008, , .   |      | 17        |
| 124 | Nonparametric estimation of the likelihood ratio and divergence functionals. , 2007, , .  |      | 15        |
| 125 | Feature space resampling for protein conformational search. Proteins: Structure, Function and Bioinformatics, 2010, 78, 1583-1593.  | 2.6  | 15        |
| 126 | Sufficient dimension reduction for visual sequence classification. , 2010, , .  |      | 15        |

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|-----|--|-----|-----------|
| 127 | Optimism-driven exploration for nonlinear systems. , 2015, , .   |     | 15        |
| 128 | Posteriors, conjugacy, and exponential families for completely random measures. Bernoulli, 2018, 24, .   | 1.3 | 14        |
| 129 | A sequential algorithm for false discovery rate control on directed acyclic graphs. Biometrika, 2019,<br>106, 69-86.   | 2.4 | 14        |
| 130 | Is there an analog of Nesterov acceleration for gradient-based MCMC?. Bernoulli, 2021, 27, .   | 1.3 | 13        |
| 131 | Phylogenetic molecular function annotation. Journal of Physics: Conference Series, 2009, 180, 012024.  | 0.4 | 12        |
| 132 | Major Advances and Emerging Developments of Graphical Models [From the Guest Editors]. IEEE Signal<br>Processing Magazine, 2010, 27, 17-138.   | 5.6 | 12        |
| 133 | A general bootstrap performance diagnostic. , 2013, , .  |     | 12        |
| 134 | A Flexible and Efficient Algorithm for Regularized Fisher Discriminant Analysis. Lecture Notes in<br>Computer Science, 2009, , 632-647.  | 1.3 | 12        |
| 135 | Association Mapping and Significance Estimation via the Coalescent. American Journal of Human<br>Genetics, 2008, 83, 675-683.  | 6.2 | 11        |
| 136 | Local privacy and statistical minimax rates. , 2013, , .   |     | 11        |
| 137 | A Marked Poisson Process Driven Latent Shape Model for 3D Segmentation of Reflectance Confocal<br>Microscopy Image Stacks of Human Skin. IEEE Transactions on Image Processing, 2017, 26, 172-184. | 9.8 | 11        |
| 138 | Generalized Momentum-Based Methods: A Hamiltonian Perspective. SIAM Journal on Optimization, 2021, 31, 915-944.  | 2.0 | 11        |
| 139 | On dissipative symplectic integration with applications to gradient-based optimization. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 043402.                               | 2.3 | 11        |
| 140 | Image Denoising with Nonparametric Hidden Markov Trees. , 2007, , .  |     | 10        |
| 141 | Supervised hierarchical Pitman-Yor process for natural scene segmentation. , 2011, , .   |     | 10        |
| 142 | The asymptotics of ranking algorithms. Annals of Statistics, 2013, 41, .   | 2.6 | 9         |
| 143 | Machine Learning and Databases. , 2015, , .  |     | 9         |
| 144 | A control-theoretic perspective on optimal high-order optimization. Mathematical Programming, 2022, 195, 929-975.  | 2.4 | 9         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | SOUL: An Energy-Efficient Unsupervised Online Learning Seizure Detection Classifier. IEEE Journal of Solid-State Circuits, 2022, 57, 2532-2544.   | 5.4 | 9         |
| 146 | On optimal quantization rules for sequential decision problems. , 2006, , .   |     | 8         |
| 147 | A semiparametric Bayesian approach to Wiener system identification*. IFAC Postprint Volumes IPPV /<br>International Federation of Automatic Control, 2012, 45, 1137-1142.   | 0.4 | 8         |
| 148 | Decoding From Pooled Data: Phase Transitions of Message Passing. IEEE Transactions on Information Theory, 2019, 65, 572-585.  | 2.4 | 8         |
| 149 | On kernel methods for covariates that are rankings. Electronic Journal of Statistics, 2018, 12, .   | 0.7 | 8         |
| 150 | A graphical model for predicting protein molecular function. , 2006, , .  |     | 7         |
| 151 | On Optimal Quantization Rules for Some Problems in Sequential Decentralized Detection. IEEE<br>Transactions on Information Theory, 2008, 54, 3285-3295.   | 2.4 | 7         |
| 152 | Is Temporal Difference Learning Optimal? An Instance-Dependent Analysis. SIAM Journal on<br>Mathematics of Data Science, 2021, 3, 1013-1040.  | 1.8 | 7         |
| 153 | Qualcomm Context-Awareness Symposium Sets Research Agenda for Context-Aware Smartphones. IEEE<br>Pervasive Computing, 2012, 11, 76-79.  | 1.3 | 6         |
| 154 | Molecular function prediction for a family exhibiting evolutionary tendencies toward substrate specificity swapping: Recurrence of tyrosine aminotransferase activity in the lα subfamily. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1593-1609. | 2.6 | 6         |
| 155 | On the Adaptivity of Stochastic Gradient-Based Optimization. SIAM Journal on Optimization, 2020, 30, 1473-1500.   | 2.0 | 6         |
| 156 | A 1.5nJ/cls Unsupervised Online Learning Classifier for Seizure Detection. , 2021, , .  |     | 6         |
| 157 | QuTE: Decentralized multiple testing on sensor networks with false discovery rate control. , 2017, , .  |     | 5         |
| 158 | Ergodic mirror descent. , 2011, , .   |     | 4         |
| 159 | Matrix-Variate Dirichlet Process Priors with Applications. Bayesian Analysis, 2014, 9, .  | 3.0 | 4         |
| 160 | Decoding from Pooled Data: Sharp Information-Theoretic Bounds. SIAM Journal on Mathematics of Data Science, 2019, 1, 161-188.   | 1.8 | 4         |
| 161 | Universal Domain Adaptation. , 2020, , 195-211.   |     | 4         |
| 162 | Adaptivity of Stochastic Gradient Methods for Nonconvex Optimization. SIAM Journal on Mathematics of Data Science, 2022, 4, 634-648.  | 1.8 | 4         |

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| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Geometric methods for sampling, optimization, inference, and adaptive agents. Handbook of Statistics, 2022, , 21-78.   | 0.6 | 4         |
| 164 | A permutation-augmented sampler for DP mixture models. , 2007, , .   |     | 3         |
| 165 | Mining Massive Amounts of Genomic Data: A Semiparametric Topic Modeling Approach. Journal of the<br>American Statistical Association, 2017, 112, 921-932.                            | 3.1 | 3         |
| 166 | Evaluating Sensitivity to the Stick-Breaking Prior in Bayesian Nonparametrics (with Discussion).<br>Bayesian Analysis, 2023, 18, .   | 3.0 | 3         |
| 167 | Nonparametric Bayesian Identification of Jump Systems with Sparse Dependencies. IFAC Postprint<br>Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1591-1596. | 0.4 | 2         |
| 168 | Computational Thinking, Inferential Thinking and "Big Data". , 2015, , .   |     | 2         |
| 169 | Latent Marked Poisson Process with Applications to Object Segmentation. Bayesian Analysis, 2018, 13, .   | 3.0 | 2         |
| 170 | Function-Specific Mixing Times and Concentration Away from Equilibrium. Bayesian Analysis, 2020, 15, .   | 3.0 | 2         |
| 171 | A Bayesian nonparametric approach to super-resolution single-molecule localization. Annals of Applied Statistics, 2021, 15, .  | 1.1 | 2         |
| 172 | Leo Breiman. Annals of Applied Statistics, 2010, 4, .  | 1.1 | 1         |
| 173 | Nonparametric Combinatorial Sequence Models. Journal of Computational Biology, 2011, 18, 1649-1660.  | 1.6 | 1         |
| 174 | Decoding from pooled data: Phase transitions of message passing. , 2017, , .   |     | 1         |
| 175 | Unsupervised Online Learning for Long-Term High Sensitivity Seizure Detection. , 2020, 2020, 528-531.  |     | 1         |
| 176 | Nonparametric Combinatorial Sequence Models. Lecture Notes in Computer Science, 2011, , 516-530.   | 1.3 | 1         |
| 177 | On the Inference of Ancestries in Admixed Populations. , 2008, , 424-433.  |     | 1         |
| 178 | Private Prediction Sets. , 0, , .  |     | 1         |
| 179 | ICMLA 2008 Invited Speakers. , 2008, , .   |     | 0         |
| 180 | Visually Relating Gene Expression and in vivo DNA Binding Data. , 2011, , .  |     | 0         |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 181 | Changepoint Analysis for Efficient Variant Calling. Lecture Notes in Computer Science, 2014, , 20-34. | 1.3  | Ο         |
| 182 | Saturating Splines and Feature Selection. Journal of Machine Learning Research, 2018, 18, .           | 62.4 | 0         |