# Fumiyasu Komaki

List of Publications by Year
in descending order

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|---|---|---|---|
| **62**<br>papers | **571**<br>citations | 759233<br>**12**<br>h-index | 713466<br>**21**<br>g-index |
| **63**<br>all docs | **63**<br>docs citations | **63**<br>times ranked | **244**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | On asymptotic properties of predictive distributions. Biometrika, 1996, 83, 299-313. | 2.4 | 94 |
| 2 | A shrinkage predictive distribution for multivariate Normal observables. Biometrika, 2001, 88, 859-864. | 2.4 | 63 |
| 3 | Simultaneous prediction of independent Poisson observables. Annals of Statistics, 2004, 32, 1744. | 2.6 | 36 |
| 4 | Shrinkage priors for Bayesian prediction. Annals of Statistics, 2006, 34, 808. | 2.6 | 36 |
| 5 | Time Series Decomposition into Oscillation Components and Phase Estimation. Neural Computation, 2017, 29, 332-367. | 2.2 | 28 |
| 6 | Bayesian forecasting of recurrent earthquakes and predictive performance for a small sample size. Journal of Geophysical Research, 2011, 116, . | 3.3 | 27 |
| 7 | State-space modelling of time series sampled from continuous processes with pulses. Biometrika, 1993, 80, 417-429. | 2.4 | 17 |
| 8 | Graph€Partitioning Based Convolutional Neural Network for Earthquake Detection Using a Seismic Array. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020269. | 3.4 | 17 |
| 9 | Bayesian predictive density operators for exchangeable quantum-statistical models. Physical Review A, 2005, 71, . | 2.5 | 16 |
| 10 | Information criteria for support vector machines. IEEE Transactions on Neural Networks, 2006, 17, 571-577. | 4.2 | 16 |
| 11 | Simultaneous prediction for independent Poisson processes with different durations. Journal of Multivariate Analysis, 2015, 141, 35-48. | 1.0 | 15 |
| 12 | On Parametric Bootstrapping and Bayesian Prediction. Scandinavian Journal of Statistics, 2004, 31, 403-416. | 1.4 | 14 |
| 13 | Nonparametric bootstrap prediction. Bernoulli, 2005, 11, 293. | 1.3 | 13 |
| 14 | A class of proper priors for Bayesian simultaneous prediction of independent Poisson observables. Journal of Multivariate Analysis, 2006, 97, 1815-1828. | 1.0 | 12 |
| 15 | Asymptotic Properties of Bayesian Predictive Densities When the Distributions of Data and Target Variables are Different. Bayesian Analysis, 2015, 10, . | 3.0 | 12 |
| 16 | Singular value shrinkage priors for Bayesian prediction. Biometrika, 2015, 102, 843-854. | 2.4 | 12 |
| 17 | Multivariate Time Series Decomposition into Oscillation Components. Neural Computation, 2017, 29, 2055-2075. | 2.2 | 12 |
| 18 | Bayesian shrinkage prediction for the regression problem. Journal of Multivariate Analysis, 2008, 99, 1888-1905. | 1.0 | 9 |

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|---|---------|----|-----------|
| 19 | Bayesian predictive densities based on latent information priors. Journal of Statistical Planning and Inference, 2011, 141, 3705-3715. | 0.6 | 9 |
| 20 | Bayesian prediction based on a class of shrinkage priors for location-scale models. Annals of the Institute of Statistical Mathematics, 2007, 59, 135-146. | 0.8 | 8 |
| 21 | An Extension of Least Angle Regression Based on the Information Geometry of Dually Flat Spaces. Journal of Computational and Graphical Statistics, 2010, 19, 1007-1023. | 1.7 | 8 |
| 22 | Bayesian Predictive Distribution with Right Invariant Priors. Calcutta Statistical Association Bulletin, 2002, 52, 171-180. | 0.3 | 7 |
| 23 | Deconvolution of calcium imaging data using marked point processes. PLoS Computational Biology, 2020, 16, e1007650. | 3.2 | 7 |
| 24 | Bayesian prediction and model selection for locally asymptotically mixed normal models. Journal of Statistical Planning and Inference, 2007, 137, 2523-2534. | 0.6 | 6 |
| 25 | A superharmonic prior for the autoregressive process of the second-order. Journal of Time Series Analysis, 2008, 29, 444-452. | 1.2 | 6 |
| 26 | Asymptotically minimax Bayesian predictive densities for multinomial models. Electronic Journal of Statistics, 2012, 6, . | 0.7 | 6 |
| 27 | An Estimating Method for Parametric Spectral Densities of Gaussian Time Series. Journal of Time Series Analysis, 1999, 20, 31-50. | 1.2 | 5 |
| 28 | Statistical modeling for temporal dominance of sensations data incorporating individual characteristics of panelists: an application to data of milk chocolate. Journal of Food Science and Technology, 2022, 59, 2420-2428. | 2.8 | 5 |
| 29 | Bayesian predictive densities based on superharmonic priors for the 2-dimensional Wishart model. Journal of Multivariate Analysis, 2009, 100, 2137-2154. | 1.0 | 4 |
| 30 | On Prior Selection and Covariate Shift of $\beta$-Bayesian Prediction Under $\alpha$-Divergence Risk. Communications in Statistics - Theory and Methods, 2010, 39, 1655-1673. | 1.0 | 4 |
| 31 | Minimax Estimation of Quantum States Based on the Latent Information Priors. Entropy, 2017, 19, 618. | 2.2 | 4 |
| 32 | Scoring rules for statistical models on spheres. Statistics and Probability Letters, 2018, 138, 111-115. | 0.7 | 4 |
| 33 | Asymptotic expansion of the risk difference of the Bayesian spectral density in the autoregressive moving average model. Sankhya A, 2011, 73, 162-184. | 0.8 | 3 |
| 34 | Relations Between the Conditional Normalized Maximum Likelihood Distributions and the Latent Information Priors. IEEE Transactions on Information Theory, 2016, 62, 539-553. | 2.4 | 3 |
| 35 | A point process modeling approach for investigating the effect of online brain activity on perceptual switching. NeuroImage, 2017, 152, 50-59. | 4.2 | 3 |
| 36 | Firing rate estimation using infinite mixture models and its application to neural decoding. Journal of Neurophysiology, 2017, 118, 2902-2913. | 1.8 | 3 |

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|---|---------|----|-----------|
| 37 | Minimax predictive density for sparse count data. Bernoulli, 2021, 27, . | 1.3 | 3 |
| 38 | Determinantal point process priors for Bayesian variable selection in linear regression. Statistica Sinica, 2016, , . | 0.3 | 3 |
| 39 | A unified model for Kakutani's interval splitting and RÃ©nyi's random packing. Advances in Applied Probability, 1992, 24, 502-505. | 0.7 | 2 |
| 40 | Edge selection based on the geometry of dually flat spaces for Gaussian graphical models. Statistics and Computing, 2013, 23, 793-800. | 1.5 | 2 |
| 41 | Bayesian optimal response-adaptive design for binary responses using stopping rule. Statistical Methods in Medical Research, 2018, 27, 891-904. | 1.5 | 2 |
| 42 | Paired comparison models with age effects modeled as piecewise quadratic splines. International Journal of Forecasting, 2019, 35, 733-740. | 6.5 | 2 |
| 43 | Empirical Bayes matrix completion. Computational Statistics and Data Analysis, 2019, 137, 195-210. | 1.2 | 2 |
| 44 | Asymptotically minimax prediction in infinite sequence models. Electronic Journal of Statistics, 2017, 11, . | 0.7 | 2 |
| 45 | Oscillator decomposition of infant fNIRS data. PLoS Computational Biology, 2022, 18, e1009985. | 3.2 | 2 |
| 46 | Information geometry of small diffusions. Statistical Inference for Stochastic Processes, 2008, 11, 123-141. | 0.6 | 1 |
| 47 | The Information Geometric Structure of Generalized Empirical Likelihood Estimators. Communications in Statistics - Theory and Methods, 2008, 37, 1867-1879. | 1.0 | 1 |
| 48 | A modification of profile empirical likelihood for the exponential-tilt model. Statistics and Probability Letters, 2010, 80, 997-1004. | 0.7 | 1 |
| 49 | Bayes Extended Estimators for Curved Exponential Families. IEEE Transactions on Information Theory, 2021, 67, 1088-1098. | 2.4 | 1 |
| 50 | Shrinkage Priors on Complex-Valued Circular- Symmetric Autoregressive Processes. IEEE Transactions on Information Theory, 2021, 67, 5318-5333. | 2.4 | 1 |
| 51 | An Estimation Procedure for Contingency Table Models Based on Nested Geometry. Journal of the Japan Statistical Society, 2015, 45, 57-75. | 0.1 | 1 |
| 52 | Information criteria for prediction when distributions of data and target variables are different. Statistica Sinica, 2017, , . | 0.3 | 1 |
| 53 | Homogeneous Gaussian Markov processes on general lattices. Advances in Applied Probability, 1996, 28, 189-206. | 0.7 | 0 |
| 54 | Homogeneous Gaussian Markov processes on general lattices. Advances in Applied Probability, 1996, 28, 189-206. | 0.7 | 0 |

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|---|---------|-----|-----------|
| 55 | Noninformative priors for prediction based on group models. AIP Conference Proceedings, 2004, , . | 0.4 | 0 |
| 56 | Bayesian Testing of a Point Null Hypothesis Based on the Latent Information Prior. Entropy, 2013, 15, 4416-4431. | 2.2 | 0 |
| 57 | Asymptotically Constant-Risk Predictive Densities When the Distributions of Data and Target Variables Are Different. Entropy, 2014, 16, 3026-3048. | 2.2 | 0 |
| 58 | Second-order matching prior family parametrized by sample size and matching probability. Statistical Papers, 2020, 61, 1701-1717. | 1.2 | 0 |
| 59 | Adjacency-based regularization for partially ranked data with non-ignorable missing. Computational Statistics and Data Analysis, 2020, 145, 106905. | 1.2 | 0 |
| 60 | Shrinkage priors for single-spiked covariance models. Statistics and Probability Letters, 2021, 176, 109127. | 0.7 | 0 |
| 61 | Shrinkage Priors for Nonparametric Bayesian Prediction of Nonhomogeneous Poisson Processes. IEEE Transactions on Information Theory, 2021, 67, 5305-5317. | 2.4 | 0 |
| 62 | State Space Modeling of Switching Time Series. , 1999, , 163-173. | | 0 |