

Toni Karvonen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5260119/publications.pdf>

Version: 2024-02-01

19
papers

104
citations

1477746

6
h-index

1473754

9
g-index

20
all docs

20
docs citations

20
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	On Stability of a Class of Filters for Nonlinear Stochastic Systems. SIAM Journal on Control and Optimization, 2020, 58, 2023-2049.	1.1	13
2	Student's t -Filters for Noise Scale Estimation. IEEE Signal Processing Letters, 2019, 26, 352-356.	2.1	12
3	Maximum Likelihood Estimation and Uncertainty Quantification for Gaussian Process Approximation of Deterministic Functions. SIAM-ASA Journal on Uncertainty Quantification, 2020, 8, 926-958.	1.1	10
4	Fully Symmetric Kernel Quadrature. SIAM Journal of Scientific Computing, 2018, 40, A697-A720.	1.3	9
5	Taylor Moment Expansion for Continuous-Discrete Gaussian Filtering. IEEE Transactions on Automatic Control, 2021, 66, 4460-4467.	3.6	8
6	Classical quadrature rules via Gaussian processes. , 2017, , .		7
7	Gaussian kernel quadrature at scaled Gauss-Hermite nodes. BIT Numerical Mathematics, 2019, 59, 877-902.	1.0	7
8	On the positivity and magnitudes of Bayesian quadrature weights. Statistics and Computing, 2019, 29, 1317-1333.	0.8	7
9	Approximate state-space Gaussian processes via spectral transformation. , 2016, , .		5
10	Student-t process quadratures for filtering of non-linear systems with heavy-tailed noise. , 2017, , .		4
11	Worst-case optimal approximation with increasingly flat Gaussian kernels. Advances in Computational Mathematics, 2020, 46, 1.	0.8	4
12	Sampling based approximation of linear functionals in reproducing kernel Hilbert spaces. BIT Numerical Mathematics, 0, , 1.	1.0	4
13	Symmetry exploits for Bayesian cubature methods. Statistics and Computing, 2019, 29, 1231-1248.	0.8	3
14	Improved Calibration of Numerical Integration Error in Sigma-Point Filters. IEEE Transactions on Automatic Control, 2021, 66, 1286-1292.	3.6	3
15	Bounds on the Covariance Matrix of a Class of Kalman-Bucy Filters for Systems with Non-Linear Dynamics. , 2018, , .		2
16	MIXTURE REPRESENTATION OF THE MATERN CLASS WITH APPLICATIONS IN STATE SPACE APPROXIMATIONS AND BAYESIAN QUADRATURE. , 2018, , .		2
17	Asymptotics of Maximum Likelihood Parameter Estimates For Gaussian Processes: The Ornstein-Uhlenbeck Prior. , 2019, , .		2
18	Kernel-based interpolation at approximate Fekete points. Numerical Algorithms, 2021, 87, 445-468.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Integration in reproducing kernel Hilbert spaces of Gaussian kernels. Mathematics of Computation, 2021, 90, 2209-2233.	1.1	1