

# Mark A Kramer

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

4,920  
citations

535685

17  
h-index

591227

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

5770  
citing authors

#	ARTICLE	IF	CITATIONS
1	A state space modeling approach to real-time phase estimation. <i>ELife</i> , 2021, 10, .	2.8	24
2	Focal Sleep Spindle Deficits Reveal Focal Thalamocortical Dysfunction and Predict Cognitive Deficits in Sleep Activated Developmental Epilepsy. <i>Journal of Neuroscience</i> , 2021, 41, 1816-1829.	1.7	45
3	The natural history of seizures and neuropsychiatric symptoms in childhood epilepsy with centrotemporal spikes (CECTS). <i>Epilepsy and Behavior</i> , 2020, 103, 106437.	0.9	34
4	Persistent abnormalities in Rolandic thalamocortical white matter circuits in childhood epilepsy with centrotemporal spikes. <i>Epilepsia</i> , 2020, 61, 2500-2508.	2.6	14
5	Beta oscillations in the sensorimotor cortex correlate with disease and remission in benign epilepsy with centrotemporal spikes. <i>Brain and Behavior</i> , 2019, 9, e01237.	1.0	5
6	Timing matters: Impact of anticonvulsant drug treatment and spikes on seizure risk in benign epilepsy with centrotemporal spikes. <i>Epilepsia Open</i> , 2018, 3, 409-417.	1.3	8
7	Assessing dynamics, spatial scale, and uncertainty in task-related brain network analyses. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 31.	1.2	9
8	Some Sampling Properties of Common Phase Estimators. <i>Neural Computation</i> , 2013, 25, 901-921.	1.3	12
9	Epilepsy as a Disorder of Cortical Network Organization. <i>Neuroscientist</i> , 2012, 18, 360-372.	2.6	426
10	Network inference with confidence from multivariate time series. <i>Physical Review E</i> , 2009, 79, 061916.	0.8	107
11	Emergent network topology at seizure onset in humans. <i>Epilepsy Research</i> , 2008, 79, 173-186.	0.8	233
12	Dynamic cross-frequency couplings of local field potential oscillations in rat striatum and hippocampus during performance of a T-maze task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20517-20522.	3.3	700
13	Estimating state probability distributions from noisy and corrupted data. <i>AICHE Journal</i> , 1998, 44, 591-602.	1.8	11
14	A general framework for preventive maintenance optimization in chemical process operations. <i>Computers and Chemical Engineering</i> , 1997, 21, 1451-1469.	2.0	90
15	Maximum likelihood data rectification: Steady-state systems. <i>AICHE Journal</i> , 1995, 41, 2415-2426.	1.8	64
16	Hazard function modeling using cross validation: From data collection to model selection. <i>Reliability Engineering and System Safety</i> , 1995, 49, 155-169.	5.1	7
17	Modeling chemical processes using prior knowledge and neural networks. <i>AICHE Journal</i> , 1994, 40, 1328-1340.	1.8	469
18	Probability density estimation using elliptical basis functions. <i>AICHE Journal</i> , 1994, 40, 1639-1649.	1.8	22

#	ARTICLE	IF	CITATIONS
19	Comparison of belief networks and rule-based expert systems for fault diagnosis of chemical processes. <i>Engineering Applications of Artificial Intelligence</i> , 1993, 6, 191-202.	4.3	29
20	GALGO: A Genetic ALGORITHM Decision Support Tool for Complex Uncertain Systems Modeled with Bayesian Belief Networks. , 1993, , 368-375.		23
21	Nonlinear principal component analysis using autoassociative neural networks. <i>AIChE Journal</i> , 1991, 37, 233-243.	1.8	2,191
22	Classifying Process Behavior with Neural Networks: Strategies for Improved Training and Generalization. , 1990, , .		3
23	Qualitative simulation of chemical process systems: Steady-state analysis. <i>AIChE Journal</i> , 1988, 34, 1441-1454.	1.8	123
24	The simultaneous solution and sensitivity analysis of systems described by ordinary differential equations. <i>ACM Transactions on Mathematical Software</i> , 1988, 14, 45-60.	1.6	106
25	Algorithm 658. <i>ACM Transactions on Mathematical Software</i> , 1988, 14, 61-67.	1.6	89
26	Sensitivity analysis of oscillatory systems. <i>Applied Mathematical Modelling</i> , 1984, 8, 328-340.	2.2	35
27	Parametric scaling of mathematical models. <i>Applied Mathematical Modelling</i> , 1984, 8, 341-350.	2.2	6
28	Sensitivity analysis in chemical kinetics: Recent developments and computational comparisons. <i>International Journal of Chemical Kinetics</i> , 1984, 16, 559-578.	1.0	31