

Mikael Sorensen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

559
citations

687363

13
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Canonical Polyadic Decomposition with a Columnwise Orthonormal Factor Matrix. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2012, 33, 1190-1213.	1.4	100
2	Coupled Canonical Polyadic Decompositions and (Coupled) Decompositions in Multilinear Rank- $(L_{r,n}, L_{r,n}, 1)$ Terms--Part I: Uniqueness. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2015, 36, 496-522.	1.4	83
3	Blind Signal Separation via Tensor Decomposition With Vandermonde Factor: Canonical Polyadic Decomposition. <i>IEEE Transactions on Signal Processing</i> , 2013, 61, 5507-5519.	5.3	70
4	Coupled Canonical Polyadic Decompositions and (Coupled) Decompositions in Multilinear Rank- $(L_{r,n}, L_{r,n}, 1)$ Terms--Part II: Algorithms. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2015, 36, 1015-1045.	1.4	55
5	Multidimensional Harmonic Retrieval via Coupled Canonical Polyadic Decomposition--Part I: Model and Identifiability. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 517-527.	5.3	33
6	New Uniqueness Conditions for the Canonical Polyadic Decomposition of Third-Order Tensors. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2015, 36, 1381-1403.	1.4	29
7	Multidimensional Harmonic Retrieval via Coupled Canonical Polyadic Decomposition--Part II: Algorithm and Multirate Sampling. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 528-539.	5.3	26
8	Fiber Sampling Approach to Canonical Polyadic Decomposition and Application to Tensor Completion. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2019, 40, 888-917.	1.4	23
9	Multiple Invariance ESPRIT for Nonuniform Linear Arrays: A Coupled Canonical Polyadic Decomposition Approach. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 3693-3704.	5.3	22
10	Generalized Canonical Correlation Analysis: A Subspace Intersection Approach. <i>IEEE Transactions on Signal Processing</i> , 2021, 69, 2452-2467.	5.3	21
11	Coupled tensor decompositions for applications in array signal processing. , 2013, , .		16
12	Tensor decompositions with banded matrix factors. <i>Linear Algebra and Its Applications</i> , 2013, 438, 919-941.	0.9	14
13	Blind Multichannel Deconvolution and Convolutional Extensions of Canonical Polyadic and Block Term Decompositions. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 4132-4145.	5.3	14
14	Coupled Canonical Polyadic Decompositions and Multiple Shift Invariance in Array Processing. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 3665-3680.	5.3	14
15	On Jacobi-type methods for blind equalization of paraunitary channels. <i>Signal Processing</i> , 2012, 92, 617-624.	3.7	7
16	Simulation Study of the Localization of a Near-Surface Crack Using an Air-Coupled Ultrasonic Sensor Array. <i>Sensors</i> , 2017, 17, 930.	3.8	7
17	Tensor decompositions with block-Toeplitz structure and applications in signal processing. , 2011, , .		6
18	Tensor Decompositions With Several Block-Hankel Factors and Application in Blind System Identification. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 4090-4101.	5.3	6

#	ARTICLE	IF	CITATIONS
19	Multi-Set Low-Rank Factorizations With Shared and Unshared Components. IEEE Transactions on Signal Processing, 2020, 68, 5122-5137.	5.3	5
20	Bilinear factorizations subject to monomial equality constraints via tensor decompositions. Linear Algebra and Its Applications, 2021, 621, 296-333.	0.9	4
21	Tensor decompositions with Vandermonde factor and applications in signal processing. , 2012, , .		3
22	New Simultaneous Generalized Schur Decomposition methods for the computation of the Canonical Polyadic decomposition. , 2010, , .		1
23	Shift invariance, incomplete arrays and coupled CPD: A case study. , 2016, , .		0