

Kapil Ahuja

List of Publications by Year in descending order

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30
papers

237
citations

1040056

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h-index

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all docs

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docs citations

30
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Multigoal-oriented error estimation and mesh adaptivity for fluid-structure interaction. Journal of Computational and Applied Mathematics, 2022, 412, 114315.	2.0	1
2	CSIS: Compressed sensing-based enhanced embedding capacity image steganography scheme. IET Image Processing, 2021, 15, 1909-1925.	2.5	7
3	Probabilistically sampled and spectrally clustered plant species using phenotypic characteristics. PeerJ, 2021, 9, e11927.	2.0	2
4	An Apache Giraph Implementation of Distributed ADMM for Solving LASSO Problems. Advances in Intelligent Systems and Computing, 2021, , 547-556.	0.6	2
5	RL-Guided Runtime-Constrained Heuristic Exploration for Logic Synthesis. , 2021, , .		8
6	Cube Sampled K-Prototype Clustering for Featured Data. , 2021, , .		0
7	Preconditioned linear solves for parametric model order reduction. International Journal of Computer Mathematics, 2020, 97, 1484-1502.	1.8	4
8	Adaptive Online Learning With Regularized Kernel for One-Class Classification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, , 1-16.	9.3	10
9	Stability, efficiency, and contentedness of social storage networks. Annals of Operations Research, 2020, 287, 811-842.	4.1	1
10	Externalities in endogenous sharing economy networks. Applied Economics Letters, 2020, 27, 1404-1408.	1.8	2
11	Reusing Preconditioners in Projection Based Model Order Reduction Algorithms. IEEE Access, 2020, 8, 133233-133247.	4.2	3
12	L2L: A Highly Accurate Log ₂ Lead Quantization of Pre-trained Neural Networks. , 2020, , .		4
13	ALigN: A Highly Accurate Adaptive Layerwise Log ₂ Lead Quantization of Pre-Trained Neural Networks. IEEE Access, 2020, 8, 118899-118911.	4.2	9
14	Vector Quantized Spectral Clustering Applied to Whole Genome Sequences of Plants. Evolutionary Bioinformatics, 2019, 15, 117693431983699.	1.2	5
15	Localized Multiple Kernel learning for Anomaly Detection: One-class Classification. Knowledge-Based Systems, 2019, 165, 241-252.	7.1	33
16	Inexact Linear Solves in Model Reduction of Bilinear Dynamical Systems. IEEE Access, 2019, 7, 72297-72307.	4.2	2
17	Formation of Stable and Efficient Social Storage Cloud. Games, 2019, 10, 44.	0.6	1
18	ParaLarPD: Parallel FPGA Router Using Primal-Dual Sub-Gradient Method. Electronics (Switzerland), 2019, 8, 1439.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Density-wise two stage mammogram classification using texture exploiting descriptors. Expert Systems With Applications, 2018, 99, 71-82.	7.6	26
20	Stability analysis of Bilinear Iterative Rational Krylov Algorithm. Linear Algebra and Its Applications, 2018, 538, 56-88.	0.9	4
21	Scaled and Projected Spectral Clustering with Vector Quantization for Handling Big Data. , 2018, , .		2
22	Data backup network formation with heterogeneous agents: (Extended abstract). , 2018, , .		0
23	Recycling BiCGSTAB with an Application to Parametric Model Order Reduction. SIAM Journal of Scientific Computing, 2015, 37, S429-S446.	2.8	20
24	Recycling Krylov subspaces for CFD applications and a new hybrid recycling solver. Journal of Computational Physics, 2015, 303, 222-237.	3.8	23
25	Externalities and stability in social cloud. , 2014, , .		2
26	Recycling BiCG with an Application to Model Reduction. SIAM Journal of Scientific Computing, 2012, 34, A1925-A1949.	2.8	31
27	Improved Scaling for Quantum Monte Carlo on Insulators. SIAM Journal of Scientific Computing, 2011, 33, 1837-1859.	2.8	10
28	Probability-one homotopy maps for mixed complementarity problems. Computational Optimization and Applications, 2008, 41, 363-375.	1.6	10
29	SIMPEL. , 2006, , .		3
30	Effectiveness of Implicit Rating Data on Characterizing Users in Complex Information Systems. Lecture Notes in Computer Science, 2005, , 186-194.	1.3	5