Asha Rao

List of Publications by Year
in descending order

31 papers	232 citations	1305906 8 h-index	1181555 14 g-index
34 all docs	34 docs citations	34 times ranked	204 citing authors

#	ARTICLE	IF	CITATIONS
1	High-rate LDPC codes from partially balanced incomplete block designs. Journal of Algebraic Combinatorics, 2022, 55, 259-275.	0.4	2
2	Honeyboost: Boosting honeypot performance with data fusion and anomaly detection. Expert Systems With Applications, 2022, 201, 117073.	4.4	6
3	Lightweight Cryptographic Protocols for IoT-Constrained Devices: A Survey. IEEE Internet of Things Journal, 2021, 8, 4132-4156.	5.5	48
4	The good, the bad and the missing: A Narrative review of cyber-security implications for australian small businesses. Computers and Security, 2021, 109, 102385.	4.0	23
5	Fault detection and identification—A filter investigation. International Journal of Robust and Nonlinear Control, 2018, 28, 1852-1870.	2.1	10
6	Online election campaigning: Identifying political parties using likes and comments. Studies in Computational Intelligence, 2017, , 619-630.	0.7	1
7	The spread of ideas in a weighted threshold network. Studies in Computational Intelligence, 2017, , 437-447.	0.7	3
8	Significance of likes: Analysing passive interactions on Facebook during campaigning. PLoS ONE, 2017, 12, e0179435.	1.1	3
9	Difference Covering Arrays and Pseudo-Orthogonal Latin Squares. Graphs and Combinatorics, 2016, 32, 1353-1374.	0.2	8
10	Fast extraction of the backbone of projected bipartite networks to aid community detection. Europhysics Letters, 2016, 113, 28003.	0.7	12
11	Predicting item popularity: Analysing local clustering behaviour of users. Physica A: Statistical Mechanics and Its Applications, 2016, 442, 523-531.	1.2	5
12	Using shortest path to discover criminal community. Digital Investigation, 2015, 15, 1-17.	3.2	19
13	Graph mining indoor tracking data for social interaction analysis. , 2015, , .		3
14	An Algorithm for Constructing Hjelmslev Planes. Springer Proceedings in Mathematics and Statistics, 2015, , 137-147.	0.1	0
15	Identifying Influential Nodes in Bipartite Networks Using the Clustering Coefficient. , 2014, , .		12
16	Identifying a Criminal's Network of Trust. , 2014, , .		6
17	Co—designing compliance to the Anti—Money Laundering Act within the small and medium enterprise sector. Journal of Financial Regulation and Compliance, 2013, 21, 84-101.	0.7	3
18	A Family of Alltop Functions that are EA-Inequivalent to the Cubic Function. IEEE Transactions on Communications, 2013, 61, 4722-4727.	4.9	5

#	Article	IF	Citations
19	Influence Neighbourhoods in CiteSeer: A Case Study. , 2013, , .		2
20	Planar difference functions. , 2012, , .		2
21	Comment on "Mutually unbiased bases, orthogonal Latin squares, and hidden-variable models". Physical Review A, 2011, 83, .	1.0	2
22	AMLCTF compliance and SMEs in Australia: a case study of the prepaid card industry. Journal of Money Laundering Control, 2010, 13, 184-201.	0.7	5
23	Mutually orthogonal Latin squares and mutually unbiased bases in dimensions of odd prime power. Cryptography and Communications, 2010, 2, 221-231.	0.9	4
24	A Family of Two-Weight Irreducible Cyclic Codes. IEEE Transactions on Information Theory, 2010, 56, 2568-2570.	1.5	20
25	Mutually orthogonal Latin squares from the inner products of vectors in mutually unbiased bases. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 135302.	0.7	8
26	The algebraic structure of Mutually Unbiased Bases. , 2008, , .		1
27	Fourier Transforms from a Weighted Trace Map. , 2006, , .		0
28	Traitor Tracing Against Powerful Attacks Using Combinatorial Designs. Lecture Notes in Computer Science, 2006, , 215-224.	1.0	0
29	Traitor tracing against powerful attacks. , 2005, , .		1
30	Cocyclic Simplex Codes of Type<tex>$\alpha $</tex>Over<tex>$\mmb Z_4$</tex>and<tex>$\mmb Z_2^s$</tex>. IEEE Transactions on Information Theory, 2004, 50, 2165-2169.	1.5	16
31	Cocyclic Codes of Length 40. Designs, Codes, and Cryptography, 2001, 24, 171-179.	1.0	1