

# D Sugumar, IEEE, AMIE, ISTE

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2227976/publications.pdf>

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27  
papers

72  
citations

2258059

3  
h-index

2053705

5  
g-index

27  
all docs

27  
docs citations

27  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart and Effective Environment Monitoring Using Internet of Things. Bioscience Biotechnology Research Communications, 2021, 14, 258-262.	0.1	4
2	Improved Clustering Using Deep Learning Model on Water Resource Engineering. Bioscience Biotechnology Research Communications, 2021, 14, 343-349.	0.1	0
3	Smart Vehicle Monitoring and Tracking System Powered by Active Radio Frequency Identification and Internet of Things. , 2020, , 51-64.		3
4	Dual-Pin-Fed Circularly Polarized Patch Antenna for Wi-Fi Application. , 2019, , .		0
5	Design of All-Digital Phase Locked Loop for Improved Frequency Lock Range. , 2019, , .		1
6	RFID and GPS antennas design of Heterogeneous tracking system for school children safety. , 2019, , .		4
7	Design of Multiple Frequency Microstrip Antenna for Mine Applications. , 2019, , .		0
8	Patch antenna using Biocompatible Insulation layer in Wireless On-Body sensor applications. Journal of Engineering Science and Technology Review, 2019, 12, 99-103.	0.4	0
9	Design of Rectangular Array Microstrip Patch Antenna for Improved Return Loss. , 2019, , .		1
10	Citrus Classification and Grading Using Machine Learning Algorithms. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 2616-2621.	0.3	0
11	Capacitive Disc Fed GPS Antenna Operating at L Band. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 3656-3659.	0.3	0
12	Independent Vector Analysis of Non-Negative Image Mixture Model for Clinical Image Separation. , 2019, , 17-40.		0
13	Minimized Losses with High Isolation Pin Diode Based X-Band SP4T Switch for Phased Array Antenna Application. , 2018, , .		0
14	EEG Signal Separation using Improved EEMD - Fast IVA Algorithm. Asian Journal of Research in Social Sciences and Humanities, 2017, 7, 1230.	0.0	3
15	Separation of Maternal and Fetal ECG Signals Using Improved Independent Vector Analysis. Journal of Medical Imaging and Health Informatics, 2016, 6, 2048-2056.	0.3	3
16	Joint blind source separation algorithms in the separation of non-invasive maternal and fetal ECG. , 2014, , .		9
17	Modified convex divergence ICA for separation of mixed images. , 2014, , .		0
18	MULTI-CHANNEL IMAGE SOURCE SEPARATION BY DICTIONARY UPDATE METHOD. International Journal of Electronic Signal and Systems, 2014, , 204-208.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Separation Of Maternal And Fetal ECG Signals From The Mixed Source Signal Using FASTICA. Procedia Engineering, 2012, 30, 356-363.	1.2	21
20	Convolute Blind Source Separation for mixed audio signals using lifting schemes. , 2011, , .		0
21	ICA based informed source separation for watermarked audio signals. , 2011, , .		2
22	ICA Based Informed Source Separation for Digitally Watermarked Audio Signals. Communications in Computer and Information Science, 2011, , 477-480.	0.5	1
23	Blind Source Separation for Convolute Audio Mixing. Communications in Computer and Information Science, 2011, , 473-476.	0.5	1
24	Investigation of SAR on human head modelling using patch antenna in mobile communication for dual band frequency. , 2010, , .		4
25	Impact of SAR on human head modeling in Elevators using IFA. , 2010, , .		3
26	Audio Signal Classification Based on Optimal Wavelet and Support Vector Machine. , 2007, , .		3
27	Study on Reduction of Machining Time in CNC Turning Centre by Genetic Algorithm. , 2007, , .		9