Pushpendra Singh

List of Publications by Year
in descending order

246 papers	5,379 citations	94381 37 h-index	123376 61 g-index
263 all docs	263 docs citations	263 times ranked	5454 citing authors

#	Article	IF	Citations
1	Comparative genomic and phylogeographic analysis of Mycobacterium leprae. Nature Genetics, 2009, 41, 1282-1289.	9.4	360
2	Genome-Wide Comparison of Medieval and Modern *Mycobacterium leprae*. Science, 2013, 341, 179-183.	6.0	313
3	Progress on Transition Metal-Doped ZnO Nanoparticles and Its Application. Industrial & Engineering Chemistry Research, 2019, 58, 17130-17163.	1.8	141
4	Insight into the evolution and origin of leprosy bacilli from the genome sequence of *Mycobacterium lepromatosis*. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4459-4464.	3.3	134
5	The Fourier decomposition method for nonlinear and non-stationary time series analysis. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160871.	1.0	134
6	A Novel Signal Modeling Approach for Classification of Seizure and Seizure-Free EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 925-935.	2.7	122
7	*Mycobacterium leprae*: genes, pseudogenes and genetic diversity. Future Microbiology, 2011, 6, 57-71.	1.0	106
8	Identification of bioactive molecule from *Withania somnifera* (Ashwagandha) as SARS-CoV-2 main protease inhibitor. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5668-5681.	2.0	105
9	Recent developments in greenhouse solar drying: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 3250-3262.	8.2	96
10	An efficient removal of power-line interference and baseline wander from ECG signals by employing Fourier decomposition technique. Biomedical Signal Processing and Control, 2020, 57, 101741.	3.5	95
11	Dielectrophoresis of nanoparticles. Electrophoresis, 2004, 25, 3625-3632.	1.3	94
12	Modeling and prediction of COVID-19 pandemic using Gaussian mixture model. Chaos, Solitons and Fractals, 2020, 138, 110023.	2.5	88
13	Transient and steady state of a rising bubble in a viscoelastic fluid. Journal of Fluid Mechanics, 2007, 589, 215-252.	1.4	82
14	Can non-intrusive load monitoring be used for identifying an appliance's anomalous behaviour?. Applied Energy, 2019, 238, 796-805.	5.1	82
15	Transport and deformation of droplets in a microdevice using dielectrophoresis. Electrophoresis, 2007, 28, 644-657.	1.3	77
16	Regulatory T Cells Suppress T Cell Activation at the Pathologic Site of Human Visceral Leishmaniasis. PLoS ONE, 2012, 7, e31551.	1.1	72
17	Detection of apnea events from ECG segments using Fourier decomposition method. Biomedical Signal Processing and Control, 2020, 61, 102005.	3.5	69
18	COVID-19 image classification using deep learning: Advances, challenges and opportunities. Computers in Biology and Medicine, 2022, 144, 105350.	3.9	65

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19	Silver nanoparticles impair Peste des petits ruminants virus replication. Virus Research, 2014, 190, 1-7.	1.1	61
20	Mycobacterium leprae genomes from a British medieval leprosy hospital: towards understanding an ancient epidemic. BMC Genomics, 2014, 15, 270.	1.2	60
21	Antimycobacterial activity of econazole against multidrug-resistant strains of Mycobacterium tuberculosis. International Journal of Antimicrobial Agents, 2006, 28, 543-544.	1.1	54
22	CLASSIFICATION OF FOCAL AND NONFOCAL EEG SIGNALS USING FEATURES DERIVED FROM FOURIER-BASED RHYTHMS. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740002.	0.3	54
23	Feedpal. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-30.	2.5	53
24	Socioeconomic patterns of underweight and its association with self-rated health, cognition and quality of life among older adults in India. PLoS ONE, 2018, 13, e0193979.	1.1	51
25	Modified African Buffalo Optimization for Strategic Integration of Battery Energy Storage in Distribution Networks. IEEE Access, 2020, 8, 14289-14301.	2.6	49
26	Automated detection of COVID-19 from CT scan using convolutional neural network. Biocybernetics and Biomedical Engineering, 2021, 41, 572-588.	3.3	48
27	Dispersion and attraction of particles floating on fluid–liquid surfaces. Soft Matter, 2010, 6, 4310.	1.2	47
28	Epidemiology of technology addiction among school students in rural India. Asian Journal of Psychiatry, 2019, 40, 30-38.	0.9	47
29	Multi-criteria decision making monarch butterfly optimization for optimal distributed energy resources mix in distribution networks. Applied Energy, 2020, 278, 115723.	5.1	47
30	Dielectrophoresis induced clustering regimes of viable yeast cells. Electrophoresis, 2005, 26, 3738-3744.	1.3	46
31	Learning *from* and *with* Menstrupedia. Proceedings of the ACM on Human-Computer Interaction, 2018, 2, 1-20.	2.5	46
32	Detection and Strain Typing of Ancient Mycobacterium leprae from a Medieval Leprosy Hospital. PLoS ONE, 2013, 8, e62406.	1.1	44
33	Fourier-Based Feature Extraction for Classification of EEG Signals Using EEG Rhythms. Circuits, Systems, and Signal Processing, 2016, 35, 3700-3715.	1.2	43
34	Case of Diffuse Lepromatous Leprosy Associated with "Mycobacterium lepromatosis" Journal of Clinical Microbiology, 2011, 49, 4366-4368.	1.8	42
35	A stepwise power tariff model with game theory based on Monte-Carlo simulation and its applications for household, agricultural, commercial and industrial consumers. International Journal of Electrical Power and Energy Systems, 2019, 111, 14-24.	3.3	41
36	Fractal, Scale Free Electromagnetic Resonance of a Single Brain Extracted Microtubule Nanowire, a Single Tubulin Protein and a Single Neuron. Fractal and Fractional, 2020, 4, 11.	1.6	41

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37	Generalized SIR (GSIR) epidemic model: An improved framework for the predictive monitoring of COVID-19 pandemic. ISA Transactions, 2022, 124, 31-40.	3.1	41
38	Comparative Evaluation of Loìˆwenstein-Jensen Proportion Method, BacT/ALERT 3D System, and Enzymatic Pyrazinamidase Assay for Pyrazinamide Susceptibility Testing of Mycobacterium tuberculosis. Journal of Clinical Microbiology, 2007, 45, 76-80.	1.8	40
39	Using mobile phone sensors to detect driving behavior. , 2013, , .		40
40	Novel Fourier quadrature transforms and analytic signal representations for nonlinear and non-stationary time-series analysis. Royal Society Open Science, 2018, 5, 181131.	1.1	40
41	A Real-Time IVR Platform for Community Radio. , 2016, , .		39
42	Is India ready for mental health apps (MHApps)? A quantitative-qualitative exploration of caregivers' perspective on smartphone-based solutions for managing severe mental illnesses in low resource settings. PLoS ONE, 2018, 13, e0203353.	1.1	39
43	Differential evolution applied for anticipatory load shedding with voltage stability considerations. International Journal of Electrical Power and Energy Systems, 2012, 42, 644-652.	3.3	37
44	A novel approach for automated alcoholism detection using Fourier decomposition method. Journal of Neuroscience Methods, 2020, 346, 108945.	1.3	37
45	Moth Search Optimization for Optimal DERs Integration in Conjunction to OLTC Tap Operations in Distribution Systems. IEEE Systems Journal, 2020, 14, 880-888.	2.9	36
46	A Self-Operating Time Crystal Model of the Human Brain: Can We Replace Entire Brain Hardware with a 3D Fractal Architecture of Clocks Alone?. Information (Switzerland), 2020, 11, 238.	1.7	36
47	Whole genome sequencing distinguishes between relapse and reinfection in recurrent leprosy cases. PLoS Neglected Tropical Diseases, 2017, 11, e0005598.	1.3	35
48	Potential Inhibitors for SARS-CoV-2 and Functional Food Components as Nutritional Supplement for COVID-19: A Review. Plant Foods for Human Nutrition, 2020, 75, 458-466.	1.4	34
49	Efficient detection of myocardial infarction from single lead ECG signal. Biomedical Signal Processing and Control, 2021, 68, 102678.	3.5	34
50	Destabilization of Pickering emulsions using external electric fields. Electrophoresis, 2010, 31, 850-859.	1.3	33
51	Efficient Strategy for the Construction of Both Enantiomers of the Octahydropyrroloquinolinone Ring System: Total Synthesis of (+)-Aspidospermidine. Organic Letters, 2016, 18, 1558-1561.	2.4	31
52	An efficient method for identification of epileptic seizures from EEG signals using Fourier analysis. Physical and Engineering Sciences in Medicine, 2021, 44, 443-456.	1.3	31
53	Environmental and economic analysis of novel hybrid active greenhouse solar dryer with evacuated tube solar collector. Sustainable Energy Technologies and Assessments, 2021, 47, 101428.	1.7	31
54	SensorAct. , 2012, , .		30

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55	Hand movement recognition from sEMG signals using Fourier decomposition method. Biocybernetics and Biomedical Engineering, 2021, 41, 690-703.	3.3	30
56	I-BLEND, a campus-scale commercial and residential buildings electrical energy dataset. Scientific Data, 2019, 6, 190015.	2.4	30
57	Computational studies of nonlinear elastic dumbbell models of Boger fluids in a cross-slot flow. Journal of Non-Newtonian Fluid Mechanics, 1999, 88, 31-61.	1.0	29
58	Concentrating particles on drop surfaces using external electric fields. Electrophoresis, 2008, 29, 1164-1172.	1.3	29
59	Physics underlying controlled self-assembly of micro- and nanoparticles at a two-fluid interface using an electric field. Physical Review E, 2008, 77, 056302.	0.8	29
60	Anticipatory reactive power reserve maximization using differential evolution. International Journal of Electrical Power and Energy Systems, 2012, 35, 66-73.	3.3	29
61	Optimum load shedding based on sensitivity to enhance static voltage stability using DE. Swarm and Evolutionary Computation, 2012, 6, 25-38.	4.5	28
62	Modeling cell interactions under flow. Journal of Mathematical Biology, 2009, 58, 235-259.	0.8	27
63	Optimal reactive power rescheduling based on EPSDE algorithm to enhance static voltage stability. International Journal of Electrical Power and Energy Systems, 2014, 63, 588-599.	3.3	27
64	<i>Sangoshthi</i>., 2017, , .		27
65	Sustainability assessment of hybrid active greenhouse solar dryer integrated with evacuated solar collector. Current Research in Food Science, 2021, 4, 684-691.	2.7	27
66	Influence of particle-particle interactions and particles rotational motion in traveling wave dielectrophoresis. Electrophoresis, 2006, 27, 703-715.	1.3	26
67	Spontaneous dispersion of particles on liquid surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19761-19764.	3.3	26
68	Integration of Distributed Energy Resources. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 91-96.	0.1	26
69	Effect of parameters on redistribution and removal of particles from drop surfaces. Soft Matter, 2010, 6, 1157.	1.2	25
70	Molecular Drug Susceptibility Testing and Genotyping of Mycobacterium leprae Strains from South America. Antimicrobial Agents and Chemotherapy, 2011, 55, 2971-2973.	1.4	25
71	Migration and deformation of leukocytes in pressure driven flows. Mechanics Research Communications, 2007, 34, 411-422.	1.0	24
72	Cognitive Impairment and Quality of Life among Elderly in India. Applied Research in Quality of Life, 2017, 12, 963-979.	1.4	24

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73	Some studies on nonpolynomial interpolation and error analysis. Applied Mathematics and Computation, 2014, 244, 809-821.	1.4	23
74	Multi-User Energy Consumption Monitoring and Anomaly Detection with Partial Context Information. , 2015, , .		23
75	Electric field‑induced self‑assembly of micro‑and nanoparticles of various shapes at two‑fluid interfaces. Electrophoresis, 2011, 32, 518-526.	1.3	22
76	4W1H in IoT Semantics. IEEE Access, 2018, 6, 65488-65506.	2.6	22
77	Trapping heavy metals by using calcium hydroxyapatite and dielectrophoresis. Journal of Hazardous Materials, 2007, 139, 461-466.	6.5	21
78	Breaking the Limits: Redefining the Instantaneous Frequency. Circuits, Systems, and Signal Processing, 2018, 37, 3515-3536.	1.2	21
79	Polyamine metabolism and lipoxygenase activity during Fusarium oxysporum f. sp. ricini -Castor interaction. Physiology and Molecular Biology of Plants, 2013, 19, 323-331.	1.4	20
80	A Brain-like Computer Made of Time Crystal: Could a Metric of Prime Alone Replace a User and Alleviate Programming Forever?. Studies in Computational Intelligence, 2018, , 1-43.	0.7	20
81	On the approximate discrete KLT of fractional Brownian motion and applications. Journal of the Franklin Institute, 2018, 355, 8989-9016.	1.9	20
82	Evaluation of Non-intrusive Load Monitoring Algorithms for Appliance-level Anomaly Detection. , 2019, , .		20
83	A Review on Venom Enzymes Neutralizing Ability of Secondary Metabolites from Medicinal Plants. Journal of Pharmacopuncture, 2017, 20, 173-178.	0.4	19
84	A biological overview of Hyaluronidase: A venom enzyme and its inhibition with plants materials. Materials Today: Proceedings, 2018, 5, 6406-6412.	0.9	19
85	Comparative Study and Measurement of Form Errors for the Component Printed by FDM and PolyJet Process. Instrumentation Mesure Metrologie, 2019, 18, 353-359.	0.2	19
86	Green Synthesis of Silver Nanoparticles Using Leaf Extract of Common Arrowhead Houseplant and Its Anticandidal Activity. Pharmacognosy Magazine, 2018, 13, S840-S844.	0.3	19
87	Economic status of women in India: paradox of paid‑unpaid work and poverty. International Journal of Social Economics, 2019, 46, 410-428.	1.1	18
88	Electrophysiology using coaxial atom probe array: live imaging reveals hidden circuits of a hippocampal neural network. Journal of Neurophysiology, 2021, 125, 2107-2116.	0.9	18
89	Environmental Factors Influencing Algal Biodiesel Production. Environmental Engineering Science, 2014, 31, 602-611.	0.8	16
90	Toward Enabling Convenient Urban Transit through Mobile Crowdsensing. , 2015, , .		16

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91	Harmony. , 2016, , .		16
92	MAHILA: a protocol for evaluating a nurse-delivered mHealth intervention for women with HIV and psychosocial risk factors in India. BMC Health Services Research, 2016, 16, 352.	0.9	16
93	LEAP. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-27.	2.5	16
94	Castor (Ricinus communis L.) Rc-LOX5 plays important role in wilt resistance. Industrial Crops and Products, 2013, 45, 20-24.	2.5	15
95	Mycobacterium lepromatosis Infections in Nuevo León, Mexico. Journal of Clinical Microbiology, 2015, 53, 1945-1946.	1.8	15
96	Electrohydrodynamic manipulation of particles adsorbed on the surface of a drop. Soft Matter, 2016, 12, 1663-1673.	1.2	15
97	Insurance coverage under different health schemes in Uttar Pradesh, India. Clinical Epidemiology and Global Health, 2017, 5, 33-39.	0.9	15
98	Analysis of Sun Flower Shaped Monopole Antenna. Wireless Personal Communications, 2019, 104, 881-894.	1.8	15
99	The interfacial torque on a partially submerged sphere. Journal of Colloid and Interface Science, 2004, 280, 542-543.	5.0	14
100	Challenges and novelties while using mobile phones as ICT devices for Indian masses. , 2010, , .		14
101	How effective health insurance schemes are in tackling economic burden of healthcare in India. Clinical Epidemiology and Global Health, 2018, 6, 75-82.	0.9	14
102	Review on development, recent advancement and applications of various types of solar dryers. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-21.	1.2	14
103	Hybrid Elephant Herding and Particle Swarm Optimizations for Optimal DG Integration in Distribution Networks. Electric Power Components and Systems, 2020, 48, 727-741.	1.0	14
104	Genomic characterization unravelling the causative role of SARS-CoV-2 Delta variant of lineage B.1.617.2 in 2nd wave of COVID-19 pandemic in Chhattisgarh, India. Microbial Pathogenesis, 2022, 164, 105404.	1.3	14
105	Immersive video as a rapid prototyping and evaluation tool for mobile and ambient applications. , 2006, , .		13
106	Nonpolynomial spline based Empirical Mode Decomposition. , 2013, , .		13
107	VividhaVahana: Smartphone Based Vehicle Classification And Its Applications in Developing Regions. , 2014, , .		13
108	Monitor: An Abnormality Detection Approach in Buildings Energy Consumption. , 2018, , .		13

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109	Some Studies on Multidimensional Fourier Theory for Hilbert Transform, Analytic Signal and AM–FM Representation. Circuits, Systems, and Signal Processing, 2019, 38, 5623-5650.	1.2	13
110	Complete Dielectric Resonator Model of Human Brain from MRI Data: A Journey from Connectome Neural Branching to Single Protein. Lecture Notes in Electrical Engineering, 2019, , 717-733.	0.3	13
111	Novel generalized Fourier representations and phase transforms. , 2020, 106, 102830.		13
112	Low Energy and Sufficiently Accurate Localization for Non-smartphones. , 2012, , .		12
113	I have no peace of mind—psychosocial distress expressed by rural women living with HIV in India as part of a mobile health intervention—a qualitative study. Archives of Women's Mental Health, 2018, 21, 525-531.	1.2	11
114	R imor. , 2018, , .		11
115	Demand Response Management in the Presence of Renewable Energy Sources using Stackelberg Game Theory. IOP Conference Series: Materials Science and Engineering, 2019, 605, 012004.	0.3	11
116	In silico interaction of methyl isocyanate with immune protein responsible for Mycobacterium tuberculosis infection using molecular docking. Toxicology and Industrial Health, 2016, 32, 162-167.	0.6	10
117	Optical manipulation of neutral nanoparticles suspended in a microfluidic channel. Journal of Applied Physics, 2006, 99, 094303.	1.1	9
118	Time delays and angles of arrival estimation using known signals. Signal, Image and Video Processing, 2012, 6, 171-178.	1.7	9
119	Simplifying and improving mobile based data collection. , 2013, , .		9
120	A pub/sub based architecture to support public healthcare data exchange. , 2015, , .		9
121	The Rising Burden of Healthcare Expenditure in India: A Poverty Nexus. Social Indicators Research, 2017, 133, 741-762.	1.4	9
122	How far is universal coverage of antenatal care (ANC) in India? An evaluation of coverage and expenditure from a national survey. Clinical Epidemiology and Global Health, 2017, 5, 1-7.	0.9	9
123	Baseline Wander and Power-Line Interference Removal from ECG Signals Using Fourier Decomposition Method. Advances in Intelligent Systems and Computing, 2019, , 25-36.	0.5	9
124	The Genus Glycosmis [Rutaceae]: A Comprehensive Review on its Phytochemical and Pharmacological Perspectives. Natural Products Journal, 2019, 9, 98-124.	0.1	9
125	Improving the efficiency of healthcare delivery system in underdeveloped rural areas. , 2011, , .		8
126	Particles dispersion on fluid–liquid interfaces. Particuology, 2011, 9, 1-13.	2.0	8

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127	Airavat. , 2013, , .		8
128	Survival outcomes post percutaneous coronary intervention: Why the hype about stent type? Lessons from a healthcare system in India. PLoS ONE, 2018, 13, e0196830.	1.1	8
129	Modified moth-Flame optimization for strategic integration of fuel cell in renewable active distribution network. Electric Power Systems Research, 2021, 197, 107323.	2.1	8
130	Multiarea Economic Dispatch Using Evolutionary Algorithms. Mathematical Problems in Engineering, 2021, 2021, 1-14.	0.6	8
131	MELOS. , 2011, , .		7
132	Time-Frequency Analysis of Gravitational Waves. , 2018, , .		7
133	A multi-modal assessment of sleep stages using adaptive Fourier decomposition and machine learning. Computers in Biology and Medicine, 2022, 148, 105877.	3.9	7
134	CVDMagic. , 2012, , .		6
135	Filter performance of reduced sized defect photonic crystals based on single€negative materials. Journal of Modern Optics, 2012, 59, 601-610.	0.6	6
136	Design and evaluation of adaptive interfaces for IVR systems. , 2013, , .		6
137	Blending active learning in a modified SPOC based classroom. , 2015, , .		6
138	A Multimodel Approach for Schizophrenia Diagnosis using fMRI and sMRI Dataset. Advances in Intelligent Systems and Computing, 2016, , 869-877.	0.5	6
139	An execution of smart grid with game theory. , 2016, , .		6
140	Revisiting selection of residential consumers for demand response programs. , 2017, , .		6
141	Energy disaggregation for identifying anomalous appliance. , 2017, , .		6
142	Genetic Divergence Studies in Some Indigenous Scented Rice (Oryza sativa L.) Accessions of Central India. Asian Journal of Plant Sciences, 2006, 5, 197-200.	0.2	6
143	A comparative study for predictive monitoring of COVID-19 pandemic. Applied Soft Computing Journal, 2022, 122, 108806.	4.1	6
144	A Mobile Education and Social Support Group Intervention for Improving Postpartum Health in Northern India: Development and Usability Study. JMIR Formative Research, 2022, 6, e34087.	0.7	6

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145	The iBICOOP middleware: Enablers and services for emerging pervasive computing environments. , 2009, , .		5
146	Interconnected Distribution Networks for Climate Change Abatement. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 240-250.	0.1	5
147	Sahyog: A middleware for mobile collaborative applications. , 2015, , .		5
148	Collect, compare, and score. , 2016, , .		5
149	Design of Nature Inspired Broadband Microstrip Patch Antenna for Satellite Communication. Advances in Intelligent Systems and Computing, 2016, , 369-379.	0.5	5
150	Shrouded problems of solar power plant and recommendations. , 2017, , .		5
151	Automatic Annotation of Voice Forum Content for Rural Users and Evaluation of Relevance. , 2018, , .		5
152	Direct Numerical Simulation of Particles in Spatially Varying Electric Fields â€. Fluids, 2018, 3, 52.	0.8	5
153	Load-Balanced Task Allocation for Improved System Lifetime in Mobile Crowdsensing. , 2018, , .		5
154	Non-cooperative game theory based stepwise power tariff model using Monte-Carle simulation for agricultural consumers. Open Agriculture, 2019, 4, 418-425.	0.7	5
155	Understanding Preferences of Delhi Metro Users Using Choice-Based Conjoint Analysis. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 384-393.	4.7	5
156	An Improved Data Driven Dynamic SIRD Model for Predictive Monitoring of COVID-19. , 2021, , .		5
157	Modified Dragonfly Optimisation for Distributed Energy Mix in Distribution Networks. Energies, 2021, 14, 5690.	1.6	5
158	A Review on <i>in Vitro</i> Screening Assay for Inhibitory Effect against Venom Enzymes Using Medicinal Plants. Toxicology International, 2016, 23, 207.	0.1	5
159	Performance evaluation of evacuated solar collector assisted hybrid greenhouse solar dryer under active and passive mode. Materials Today: Proceedings, 2022, 57, 2002-2008.	0.9	5
160	Mobile adaptive call (MAC) an adaptive s/w for computer assisted language learning. , 0, , .		4
161	Alternative localization approach for mobile phones without GPS. , 2010, , .		4
162	Exploring adverse effects of adaptive voice menu. , 2013, , .		4

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163	SensorAct: A Decentralized and Scriptable Middleware for Smart Energy Buildings. , 2015, , .		4
164	Sensing human activity for assessing participation in evacuation drills. , 2015, , .		4
165	Cultural and morphological variability among *Fusarium oxysporum* f.sp. *lycopersici* causing wilt of tomato in south Gujarat region. Archives of Phytopathology and Plant Protection, 2015, 48, 104-110.	0.6	4
166	Toxic effect of chemicals dumped in premises of UCIL, Bhopal leading to environmental pollution: An in silico approach. Asian Pacific Journal of Tropical Disease, 2016, 6, 284-290.	0.5	4
167	Need of ICT for Sustainable Development of Power Sector. Advances in Intelligent Systems and Computing, 2016, , 607-614.	0.5	4
168	A Game Theory Approach and Tariff Strategy for Demand Side Management. , 2018, , .		4
169	Moth Search Optimization for Optimal Integration of DERs for Annual Energy Loss Minimization in Distribution Systems. , 2018, , .		4
170	Green synthesis of silver nanoparticles using Indian male fern (Dryopteris Cochleata), operational parameters, characterization and bioactivity on Naja naja venom neutralization. Toxicology Research, 2020, 9, 706-713.	0.9	4
171	A Comparative Study to Explore the Effect of Different Compounds in Immune Proteins of Human Beings Against Tuberculosis: An In-silico Approach. Current Bioinformatics, 2020, 15, 155-164.	0.7	4
172	Exploring the usability of interactive voice response system's design. , 2013, , .		3
173	MVoice. , 2013, , .		3
174	Health service system in transition. International Journal of Health Governance, 2016, 21, 204-221.	0.6	3
175	Strategy to optimize the load shedding amount based on static voltage stability using SFLA. , 2016, , .		3
176	The health of India's older population: do living arrangements matter?. Working With Older People, 2017, 21, 82-89.	0.2	3
177	Optimal reactive power dispatch for enhancement of static voltage stability using jaya algorithm. , 2017, , .		3
178	Mango leather (Aam Papad) drying in hybrid greenhouse solar dryer with evacuated tube collector and finned drying tray: drying behavior and economic analysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	1.2	3
179	General Parameterized Fourier Transform: A Unified Framework for the Fourier, Laplace, Mellin and Z Transforms. IEEE Transactions on Signal Processing, 2022, 70, 1295-1309.	3.2	3
180	MockTell. , 2013, , .		2

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181	A usability study of adaptive interfaces for interactive voice response system. , 2013, , .		2
182	Transient Flow Induced by the Adsorption of Particles. KONA Powder and Particle Journal, 2014, 31, 135-145.	0.9	2
183	Adaptive framework for data transmission over GSM voice channel for developing regions. , 2015, , .		2
184	Managing childhood diarrhoea at homes in India: An opportunity to reduce child morbidity and mortality. Infection, Disease and Health, 2016, 21, 176-183.	0.5	2
185	How Affordable is Childbearing in India? An Evaluation of Maternal Healthcare Expenditures. Newborn and Infant Nursing Reviews, 2016, 16, 175-183.	0.4	2
186	Frequency estimation of a sinusoidal signal. , 2016, , .		2
187	Flow induced on a salt waterbody due to the impingement of a freshwater drop or a water source. Mechanics Research Communications, 2017, 85, 89-95.	1.0	2
188	Fluid Dynamics of Hydrophilous Pollination in Ruppia (widgeon grass). Procedia IUTAM, 2017, 20, 152-158.	1.2	2
189	Mew. , 2017, , .		2
190	Want to reduce energy consumption?. , 2017, , .		2
191	Modelling and analysis of critical factors for phorbol ester degradation in *Jatropha* seed cake using ISM and MICMAC. International Journal of Environment and Waste Management, 2018, 21, 287.	0.2	2
192	Genetic analysis of human papilloma virus 16 E6/E7 variants obtained from cervical cancer cases in Chhattisgarh, a central state of India. VirusDisease, 2021, 32, 492-503.	1.0	2
193	Identification and molecular characterization of H9N2 viruses carrying multiple mammalian adaptation markers in resident birds in central-western wetlands in India. Infection, Genetics and Evolution, 2021, 94, 105005.	1.0	2
194	Screening and Identification of Plant Metabolites against Snake Venom Enzymes using in vitro to in silico Approach. Indian Journal of Pharmaceutical Education and Research, 2019, 53, s607-s618.	0.3	2
195	Classification of Epileptic Seizure in EEG Signal Using Support Vector Machine and EMD. Advances in Healthcare Information Systems and Administration Book Series, 2020, , 80-95.	0.2	2
196	Access to and Use of Mobile Phone by Postpartum, Married Women in Punjab, India: Secondary Analysis of mHealth Intervention Pilot Data. JMIR Formative Research, 2022, 6, e34852.	0.7	2
197	Negative Wake and Velocity of a Bubble Rising in a Viscoelastic Fluid. , 2003, , 709.		1
198	Under voltage load shedding using evolution strategy to enhance voltage stability. , 2011, , .		1

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199	Comparative evaluation of inverter topologies for wind and solar applications. , 2011, , .		1
200	Recent experimental results of magnetron injection gun (MIG) for 42 GHz 200 kW gyrotron. , 2013, , .		1
201	MW-rescheduling based on eigen sensitivities to enhance voltage security using DE. , 2014, , .		1
202	Making Organizations Pervasive Using Existing Infrastructure. , 2014, , .		1
203	Wavelength selective switching application of one dimensional defect photonic crystal. , 2015, , .		1
204	Transient Electrohydrodynamic Manipulation of Particles on the Surface of a Drop. , 2016, , .		1
205	On-line probabilistic voltage security assessment using Radial Basis Function neural network. , 2016, , .		1
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