

Pushpendra Singh

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Enviro-Economic Analysis of Ginger Drying in Hybrid Active Greenhouse Solar Dryer. Algorithms for Intelligent Systems, 2022, , 117-128.	0.5	1
3	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
4	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
5	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
6	A comparative study for predictive monitoring of COVID-19 pandemic. Applied Soft Computing Journal, 2022, 122, 108806.	4.1	6
7	COVID-19 image classification using deep learning: Advances, challenges and opportunities. Computers in Biology and Medicine, 2022, 144, 105350.	3.9	65
8	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
9	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
10	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
11	Identification of bioactive molecule from <i>Withania somnifera</i> (Ashwagandha) as SARS-CoV-2 main protease inhibitor. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5668-5681.	2.0	105
12	AF-MNS: A Novel AM-FM Based Measure of Non-Stationarity. IEEE Communications Letters, 2021, 25, 990-994.	2.5	1
13	Understanding Preferences of Delhi Metro Users Using Choice-Based Conjoint Analysis. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 384-393.	4.7	5
14	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
15	Automated detection of COVID-19 from CT scan using convolutional neural network. Biocybernetics and Biomedical Engineering, 2021, 41, 572-588.	3.3	48
16	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
17	Hand movement recognition from sEMG signals using Fourier decomposition method. Biocybernetics and Biomedical Engineering, 2021, 41, 690-703.	3.3	30
18	An Improved Data Driven Dynamic SIRD Model for Predictive Monitoring of COVID-19. , 2021, , .		5

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19	Genetic analysis of human papilloma virus 16 E6/E7 variants obtained from cervical cancer cases in Chhattisgarh, a central state of India. <i>VirusDisease</i> , 2021, 32, 492-503.	1.0	2
20	Efficient detection of myocardial infarction from single lead ECG signal. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102678.	3.5	34
21	Modified moth-Flame optimization for strategic integration of fuel cell in renewable active distribution network. <i>Electric Power Systems Research</i> , 2021, 197, 107323.	2.1	8
22	Multiarea Economic Dispatch Using Evolutionary Algorithms. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-14.	0.6	8
23	Modified Dragonfly Optimisation for Distributed Energy Mix in Distribution Networks. <i>Energies</i> , 2021, 14, 5690.	1.6	5
24	Environmental and economic analysis of novel hybrid active greenhouse solar dryer with evacuated tube solar collector. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101428.	1.7	31
25	Identification and molecular characterization of H9N2 viruses carrying multiple mammalian adaptation markers in resident birds in central-western wetlands in India. <i>Infection, Genetics and Evolution</i> , 2021, 94, 105005.	1.0	2
26	Ethnopharmacologic screening of medicinal plants used traditionally by tribal people of Madhya Pradesh, India, for the treatment of snakebites. <i>Journal of Herbal Medicine</i> , 2021, 29, 100483.	1.0	1
27	Sustainability assessment of hybrid active greenhouse solar dryer integrated with evacuated solar collector. <i>Current Research in Food Science</i> , 2021, 4, 684-691.	2.7	27
28	Possibility of Probiotic in Colorectal Cancer: A Specific Countenance to Research. , 2021, , 113-123.		0
29	Moth Search Optimization for Optimal DERs Integration in Conjunction to OLTC Tap Operations in Distribution Systems. <i>IEEE Systems Journal</i> , 2020, 14, 880-888.	2.9	36
30	An efficient removal of power-line interference and baseline wander from ECG signals by employing Fourier decomposition technique. <i>Biomedical Signal Processing and Control</i> , 2020, 57, 101741.	3.5	95
31	Green synthesis of silver nanoparticles using Indian male fern (<i>Dryopteris Cochleata</i>), operational parameters, characterization and bioactivity on <i>Naja naja</i> venom neutralization. <i>Toxicology Research</i> , 2020, 9, 706-713.	0.9	4
32	Multi-criteria decision making monarch butterfly optimization for optimal distributed energy resources mix in distribution networks. <i>Applied Energy</i> , 2020, 278, 115723.	5.1	47
33	Potential Inhibitors for SARS-CoV-2 and Functional Food Components as Nutritional Supplement for COVID-19: A Review. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 458-466.	1.4	34
34	Novel generalized Fourier representations and phase transforms. , 2020, 106, 102830.		13
35	Hybrid Elephant Herding and Particle Swarm Optimizations for Optimal DG Integration in Distribution Networks. <i>Electric Power Components and Systems</i> , 2020, 48, 727-741.	1.0	14
36	A novel approach for automated alcoholism detection using Fourier decomposition method. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108945.	1.3	37

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37	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
38	Detection of apnea events from ECG segments using Fourier decomposition method. Biomedical Signal Processing and Control, 2020, 61, 102005.	3.5	69
39	Modeling and prediction of COVID-19 pandemic using Gaussian mixture model. Chaos, Solitons and Fractals, 2020, 138, 110023.	2.5	88
40	Modified African Buffalo Optimization for Strategic Integration of Battery Energy Storage in Distribution Networks. IEEE Access, 2020, 8, 14289-14301.	2.6	49
41	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
42	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
43	EMD-based discrimination of mental arithmetic tasks from EEG signals. , 2020, , .		1
44	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
45	Identification of Loosening of Bolts in a Steel Plane Frame Structure Using Fourier Decomposition Method. Lecture Notes in Mechanical Engineering, 2020, , 393-406.	0.3	0
46	Diagnostic aids for early detection of oral squamous cell carcinoma: concepts and emerging techniques. Minerva Biotechnologica, 2020, 32, .	1.2	0
47	Progress on Transition Metal-Doped ZnO Nanoparticles and Its Application. Industrial & Engineering Chemistry Research, 2019, 58, 17130-17163.	1.8	141
48	Feedpal. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-30.	2.5	53
49	Epidemiology of technology addiction among school students in rural India. Asian Journal of Psychiatry, 2019, 40, 30-38.	0.9	47
50	Can non-intrusive load monitoring be used for identifying an appliance's anomalous behaviour?. Applied Energy, 2019, 238, 796-805.	5.1	82
51	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
52	Evaluation of Non-intrusive Load Monitoring Algorithms for Appliance-level Anomaly Detection. , 2019, , .		20
53	Drug-Eluting Stent Use Among Low-Income Patients in Maharashtra After Statewide Price Reductions. Circulation: Cardiovascular Interventions, 2019, 12, e007757.	1.4	1
54	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

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55	Non-cooperative game theory based stepwise power tariff model using Monte-Carle simulation for agricultural consumers. <i>Open Agriculture</i> , 2019, 4, 418-425.	0.7	5
56	Demand Response Management in the Presence of Renewable Energy Sources using Stackelberg Game Theory. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 605, 012004.	0.3	11
57	Complete Dielectric Resonator Model of Human Brain from MRI Data: A Journey from Connectome Neural Branching to Single Protein. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 717-733.	0.3	13
58	Analysis of Sun Flower Shaped Monopole Antenna. <i>Wireless Personal Communications</i> , 2019, 104, 881-894.	1.8	15
59	Economic status of women in India: paradox of paidâ€“unpaid work and poverty. <i>International Journal of Social Economics</i> , 2019, 46, 410-428.	1.1	18
60	Baseline Wander and Power-Line Interference Removal from ECG Signals Using Fourier Decomposition Method. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 25-36.	0.5	9
61	I-BLEND, a campus-scale commercial and residential buildings electrical energy dataset. <i>Scientific Data</i> , 2019, 6, 190015.	2.4	30
62	LEAP. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2019, 3, 1-27.	2.5	16
63	Comparative Study and Measurement of Form Errors for the Component Printed by FDM and PolyJet Process. <i>Instrumentation Measure Metrologie</i> , 2019, 18, 353-359.	0.2	19
64	Screening and Identification of Plant Metabolites against Snake Venom Enzymes using in vitro to in silico Approach. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s607-s618.	0.3	2
65	The Genus <i>Glycosmis</i> [Rutaceae]: A Comprehensive Review on its Phytochemical and Pharmacological Perspectives. <i>Natural Products Journal</i> , 2019, 9, 98-124.	0.1	9
66	Structure Based Computational Exploration of Beilschmiedia Compounds with Selected Targets against Multidrug-Resistant Mycobacterium tuberculosis. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s143-s150.	0.3	0
67	Discussion of â€œAn orthogonal Hilbert-Huang transform and its application in the spectral representation of earthquake accelerogramsâ€“by Tian-Li Huang, Meng-Lin Lou, Hua-Peng Chen, Ning-Bo Wanga [Soil Dyn. Earthq. Eng. 104 (2018), 378â€“389]. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 108, 196.	1.9	0
68	A Brain-like Computer Made of Time Crystal: Could a Metric of Prime Alone Replace a User and Alleviate Programming Forever?. <i>Studies in Computational Intelligence</i> , 2018, , 1-43.	0.7	20
69	A biological overview of Hyaluronidase: A venom enzyme and its inhibition with plants materials. <i>Materials Today: Proceedings</i> , 2018, 5, 6406-6412.	0.9	19
70	I have no peace of mindâ€“psychosocial distress expressed by rural women living with HIV in India as part of a mobile health interventionâ€“a qualitative study. <i>Archives of Women's Mental Health</i> , 2018, 21, 525-531.	1.2	11
71	A Novel Signal Modeling Approach for Classification of Seizure and Seizure-Free EEG Signals. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 925-935.	2.7	122
72	How effective health insurance schemes are in tackling economic burden of healthcare in India. <i>Clinical Epidemiology and Global Health</i> , 2018, 6, 75-82.	0.9	14

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73	Recent developments in greenhouse solar drying: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3250-3262.	8.2	96
74	Breaking the Limits: Redefining the Instantaneous Frequency. <i>Circuits, Systems, and Signal Processing</i> , 2018, 37, 3515-3536.	1.2	21
75	A Game Theory Approach and Tariff Strategy for Demand Side Management. , 2018, , .		4
76	Automatic Annotation of Voice Forum Content for Rural Users and Evaluation of Relevance. , 2018, , .		5
77	Learning <i>from</i> and <i>with</i> Menstrupedia. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2018, 2, 1-20.	2.5	46
78	Novel Fourier quadrature transforms and analytic signal representations for nonlinear and non-stationary time-series analysis. <i>Royal Society Open Science</i> , 2018, 5, 181131.	1.1	40
79	Modelling and analysis of critical factors for phorbol ester degradation in <i>Jatropha</i> seed cake using ISM and MICMAC. <i>International Journal of Environment and Waste Management</i> , 2018, 21, 287.	0.2	2
80	Moth Search Optimization for Optimal Integration of DERs for Annual Energy Loss Minimization in Distribution Systems. , 2018, , .		4
81	Backward/Forward Method for Three-phase Power Flow Calculation in Low Voltage Distribution Networks with EV Charging Points. , 2018, , .		1
82	Time-Frequency Analysis of Gravitational Waves. , 2018, , .		7
83	4W1H in IoT Semantics. <i>IEEE Access</i> , 2018, 6, 65488-65506.	2.6	22
84	Monitor: An Abnormality Detection Approach in Buildings Energy Consumption. , 2018, , .		13
85	R imor. , 2018, , .		11
86	On the approximate discrete KLT of fractional Brownian motion and applications. <i>Journal of the Franklin Institute</i> , 2018, 355, 8989-9016.	1.9	20
87	Direct Numerical Simulation of Particles in Spatially Varying Electric Fields \hat{a} . <i>Fluids</i> , 2018, 3, 52.	0.8	5
88	Is India ready for mental health apps (MHApps)? A quantitative-qualitative exploration of caregiversâ€™ perspective on smartphone-based solutions for managing severe mental illnesses in low resource settings. <i>PLoS ONE</i> , 2018, 13, e0203353.	1.1	39
89	Survival outcomes post percutaneous coronary intervention: Why the hype about stent type? Lessons from a healthcare system in India. <i>PLoS ONE</i> , 2018, 13, e0196830.	1.1	8
90	<i>Determination of curve number and estimation of runoff using experimental rainfall and runoff data</i>. , 2018, , .		1

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91	Load-Balanced Task Allocation for Improved System Lifetime in Mobile Crowdsensing. , 2018, , .		5
92	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
93	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
94	{N 1-[2-(Butylselanyl)benzyl]-N 2,N 2-dimethylethane-1,2-diamine}dichloridomercury(II). Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1151-1154.	0.2	0
95	Insurance coverage under different health schemes in Uttar Pradesh, India. Clinical Epidemiology and Global Health, 2017, 5, 33-39.	0.9	15
96	The Rising Burden of Healthcare Expenditure in India: A Poverty Nexus. Social Indicators Research, 2017, 133, 741-762.	1.4	9
97	The health of India's older population: do living arrangements matter?. Working With Older People, 2017, 21, 82-89.	0.2	3
98	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
99	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
100	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
101	Fluid Dynamics of Hydrophilous Pollination in Ruppia (widgeon grass). Procedia IUTAM, 2017, 20, 152-158.	1.2	2
102	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
103	Cognitive Impairment and Quality of Life among Elderly in India. Applied Research in Quality of Life, 2017, 12, 963-979.	1.4	24
104	Studies of Flow Induced on a Water Surface due to the Impingement of a Drop or a Water Source. , 2017, , .		0
105	Numerical Simulations of Electric Field Driven Self-Assembly of Monolayers of Mixtures of Nanoparticles. , 2017, , .		0
106	A performance measurement of three dimensional integrated solar PV system in Indian conditions. , 2017, , .		0
107	Enhancement of voltage security by MW-generation rescheduling based on sensitivities using black hole. , 2017, , .		0
108	Mew. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
109	<i>Sangoshthi</i>. , 2017, , .		27
110	Optimal reactive power dispatch for enhancement of static voltage stability using jaya algorithm. , 2017, , .		3
111	Shrouded problems of solar power plant and recommendations. , 2017, , .		5
112	Revisiting selection of residential consumers for demand response programs. , 2017, , .		6
113	An efficient ML frequency estimation of a sinusoid using the Secant method. , 2017, , .		1
114	Want to reduce energy consumption?. , 2017, , .		2
115	Whole genome sequencing distinguishes between relapse and reinfection in recurrent leprosy cases. PLoS Neglected Tropical Diseases, 2017, 11, e0005598.	1.3	35
116	Energy disaggregation for identifying anomalous appliance. , 2017, , .		6
117	A Review on Venom Enzymes Neutralizing Ability of Secondary Metabolites from Medicinal Plants. Journal of Pharmacopuncture, 2017, 20, 173-178.	0.4	19
118	Mobile + Cloud. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 260-279.	0.1	0
119	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
120	Harmony. , 2016, , .		16
121	Fluid Dynamics of Hydrophilous Pollination in Ruppia (Widgeon Grass). , 2016, , .		0
122	Self-Assembly of Monolayers of Mixtures of Particles. , 2016, , .		0
123	Transient Electrohydrodynamic Manipulation of Particles on the Surface of a Drop. , 2016, , .		1
124	On-line probabilistic voltage security assessment using Radial Basis Function neural network. , 2016, , .		1
125	Health service system in transition. International Journal of Health Governance, 2016, 21, 204-221.	0.6	3
126	Strategy to optimize the load shedding amount based on static voltage stability using SFLA. , 2016, , .		3

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127	Managing childhood diarrhoea at homes in India: An opportunity to reduce child morbidity and mortality. <i>Infection, Disease and Health</i> , 2016, 21, 176-183.	0.5	2
128	Toxic effect of chemicals dumped in premises of UCIL, Bhopal leading to environmental pollution: An in silico approach. <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 284-290.	0.5	4
129	How Affordable is Childbearing in India? An Evaluation of Maternal Healthcare Expenditures. <i>Newborn and Infant Nursing Reviews</i> , 2016, 16, 175-183.	0.4	2
130	A Multimodel Approach for Schizophrenia Diagnosis using fMRI and sMRI Dataset. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 869-877.	0.5	6
131	Collect, compare, and score. , 2016, , .		5
132	MAHILA: a protocol for evaluating a nurse-delivered mHealth intervention for women with HIV and psychosocial risk factors in India. <i>BMC Health Services Research</i> , 2016, 16, 352.	0.9	16
133	Frequency estimation of a sinusoidal signal. , 2016, , .		2
134	An execution of smart grid with game theory. , 2016, , .		6
135	A Real-Time IVR Platform for Community Radio. , 2016, , .		39
136	Fourier-Based Feature Extraction for Classification of EEG Signals Using EEG Rhythms. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 3700-3715.	1.2	43
137	Electrohydrodynamic manipulation of particles adsorbed on the surface of a drop. <i>Soft Matter</i> , 2016, 12, 1663-1673.	1.2	15
138	Efficient Strategy for the Construction of Both Enantiomers of the Octahydropyrroloquinolinone Ring System: Total Synthesis of (+)-Aspidospermidine. <i>Organic Letters</i> , 2016, 18, 1558-1561.	2.4	31
139	Need of ICT for Sustainable Development of Power Sector. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 607-614.	0.5	4
140	Design of Nature Inspired Broadband Microstrip Patch Antenna for Satellite Communication. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 369-379.	0.5	5
141	A Review on <i>in Vitro</i> Screening Assay for Inhibitory Effect against Venom Enzymes Using Medicinal Plants. <i>Toxicology International</i> , 2016, 23, 207.	0.1	5
142	Time passed since death from degenerative changes in the Skeletal muscle. <i>Journal of Indian Academy of Forensic Medicine</i> , 2016, 38, 197.	0.1	0
143	Sahyog: A middleware for mobile collaborative applications. , 2015, , .		5
144	SensorAct: A Decentralized and Scriptable Middleware for Smart Energy Buildings. , 2015, , .		4

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145	Sensing human activity for assessing participation in evacuation drills. , 2015, , .		4
146	Data Driven Usability. , 2015, , .		0
147	A pub/sub based architecture to support public healthcare data exchange. , 2015, , .		9
148	Toward Enabling Convenient Urban Transit through Mobile Crowdsensing. , 2015, , .		16
149	Multi-User Energy Consumption Monitoring and Anomaly Detection with Partial Context Information. , 2015, , .		23
150	Wavelength selective switching application of one dimensional defect photonic crystal. , 2015, , .		1
151	Adaptive framework for data transmission over GSM voice channel for developing regions. , 2015, , .		2
152	An EMR-enabled medical sensor data collection framework. , 2015, , .		0
153	Blending active learning in a modified SPOC based classroom. , 2015, , .		6
154	Insight into the evolution and origin of leprosy bacilli from the genome sequence of <i>Mycobacterium lepromatosis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4459-4464.	3.3	134
155	<i>Mycobacterium lepromatosis</i> Infections in Nuevo Le3n, Mexico. Journal of Clinical Microbiology, 2015, 53, 1945-1946.	1.8	15
156	Cultural and morphological variability among <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> causing wilt of tomato in south Gujarat region. Archives of Phytopathology and Plant Protection, 2015, 48, 104-110.	0.6	4
157	Interconnected Distribution Networks for Climate Change Abatement. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 240-250.	0.1	5
158	Direct Numerical Simulations (DNS) of Particles in Spatially Varying Electric Fields. , 2014, , .		0
159	Transient Flow Induced by the Adsorption of Particles. KONA Powder and Particle Journal, 2014, 31, 135-145.	0.9	2
160	Integration of Distributed Energy Resources. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 91-96.	0.1	26
161	VividhaVahana: Smartphone Based Vehicle Classification And Its Applications in Developing Regions. , 2014, , .		13
162	Self-Assembly and Manipulation of Particles on Drop Surfaces. , 2014, , .		0

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163	MW-rescheduling based on eigen sensitivities to enhance voltage security using DE. , 2014, , .		1
164	Crystal structure of N1-benzyl-N1,N2,N2-trimethylethane-1,2-diaminium dichloride. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o911-o912.	0.2	0
165	Mitigation of transmission losses with voltage stability consideration using TLBO. , 2014, , .		0
166	Environmental Factors Influencing Algal Biodiesel Production. Environmental Engineering Science, 2014, 31, 602-611.	0.8	16
167	Some studies on nonpolynomial interpolation and error analysis. Applied Mathematics and Computation, 2014, 244, 809-821.	1.4	23
168	Silver nanoparticles impair Peste des petits ruminants virus replication. Virus Research, 2014, 190, 1-7.	1.1	61
169	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
170	Mycobacterium leprae genomes from a British medieval leprosy hospital: towards understanding an ancient epidemic. BMC Genomics, 2014, 15, 270.	1.2	60
171	Making Organizations Pervasive Using Existing Infrastructure. , 2014, , .		1
172	PIV Measurement of the Transient Fluid Flow due to the Adsorption of Particles. , 2014, , .		0
173	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
174	Using mobile phone sensors to detect driving behavior. , 2013, , .		40
175	Recent experimental results of magnetron injection gun (MIG) for 42 GHz 200 kW gyrotron. , 2013, , .		1
176	Nonpolynomial spline based Empirical Mode Decomposition. , 2013, , .		13
177	Castor (Ricinus communis L.) Rc-LOX5 plays important role in wilt resistance. Industrial Crops and Products, 2013, 45, 20-24.	2.5	15
178	Genome-Wide Comparison of Medieval and Modern <i>Mycobacterium leprae</i> . Science, 2013, 341, 179-183.	6.0	313
179	Design and evaluation of adaptive interfaces for IVR systems. , 2013, , .		6
180	Bounced — Improving data availability through replication in P2P networks. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
181	Exploring the usability of interactive voice response system's design. , 2013, , .		3
182	MoSen. , 2013, , .		0
183	Exploring adverse effects of adaptive voice menu. , 2013, , .		4
184	Airavat. , 2013, , .		8
185	MVoice. , 2013, , .		3
186	Simplifying and improving mobile based data collection. , 2013, , .		9
187	MockTell. , 2013, , .		2
188	A usability study of adaptive interfaces for interactive voice response system. , 2013, , .		2
189	Experimental Study of Dispersion of Particles at a Two-Fluid Interface. , 2013, , .		0
190	Detection and Strain Typing of Ancient Mycobacterium leprae from a Medieval Leprosy Hospital. PLoS ONE, 2013, 8, e62406.	1.1	44
191	Assessing Designs of Interactive Voice Response Systems for Better Usability. Lecture Notes in Computer Science, 2013, , 183-192.	1.0	1
192	CVDMagic. , 2012, , .		6
193	SensorAct. , 2012, , .		30
194	Optimum load shedding based on sensitivity to enhance static voltage stability using DE. Swarm and Evolutionary Computation, 2012, 6, 25-38.	4.5	28
195	Low Energy and Sufficiently Accurate Localization for Non-smartphones. , 2012, , .		12
196	Filter performance of reduced sized defect photonic crystals based on singleâ€ negative materials. Journal of Modern Optics, 2012, 59, 601-610.	0.6	6
197	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
198	Time delays and angles of arrival estimation using known signals. Signal, Image and Video Processing, 2012, 6, 171-178.	1.7	9

#	ARTICLE	IF	CITATIONS
199	Anticipatory reactive power reserve maximization using differential evolution. International Journal of Electrical Power and Energy Systems, 2012, 35, 66-73.	3.3	29
200	Regulatory T Cells Suppress T Cell Activation at the Pathologic Site of Human Visceral Leishmaniasis. PLoS ONE, 2012, 7, e31551.	1.1	72
201	Improving the efficiency of healthcare delivery system in underdeveloped rural areas. , 2011, , .		8
202	Under voltage load shedding using evolution strategy to enhance voltage stability. , 2011, , .		1
203	Comparative evaluation of inverter topologies for wind and solar applications. , 2011, , .		1
204	Electric fieldâ€induced selfâ€assembly of microâ€and nanoparticles of various shapes at twoâ€fluid interfaces. Electrophoresis, 2011, 32, 518-526.	1.3	22
205	Particles dispersion on fluidâ€liquid interfaces. Particuology, 2011, 9, 1-13.	2.0	8
206	MELOS. , 2011, , .		7
207	Case of Diffuse Lepromatous Leprosy Associated with â€Mycobacterium lepromatosisâ€. Journal of Clinical Microbiology, 2011, 49, 4366-4368.	1.8	42
208	Molecular Drug Susceptibility Testing and Genotyping of Mycobacterium leprae Strains from South America. Antimicrobial Agents and Chemotherapy, 2011, 55, 2971-2973.	1.4	25
209	<i>Mycobacterium leprae</i>: genes, pseudogenes and genetic diversity. Future Microbiology, 2011, 6, 57-71.	1.0	106
210	Challenges and novelties while using mobile phones as ICT devices for Indian masses. , 2010, , .		14
211	Destabilization of Pickering emulsions using external electric fields. Electrophoresis, 2010, 31, 850-859.	1.3	33
212	Alternative localization approach for mobile phones without GPS. , 2010, , .		4
213	Modeling of Blood Flow in the Human Brain. , 2010, , .		0
214	Dispersion and attraction of particles floating on fluidâ€liquid surfaces. Soft Matter, 2010, 6, 4310.	1.2	47
215	Effect of parameters on redistribution and removal of particles from drop surfaces. Soft Matter, 2010, 6, 1157.	1.2	25
216	Modeling of Particles Dispersion on Liquid Surfaces. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
217	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
218	Modeling cell interactions under flow. Journal of Mathematical Biology, 2009, 58, 235-259.	0.8	27
219	Comparative genomic and phylogeographic analysis of Mycobacterium leprae. Nature Genetics, 2009, 41, 1282-1289.	9.4	360
220	The iBICOOP middleware: Enablers and services for emerging pervasive computing environments. , 2009, , .		5
221	Concentrating particles on drop surfaces using external electric fields. Electrophoresis, 2008, 29, 1164-1172.	1.3	29
222	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
223	Controlling Mixing Inside a Droplet by Time Dependent Rigid-Body Rotation. , 2008, , .		0
224	Comparative Evaluation of Lo ^o wenstein-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
225	Electrostatic Forces on Particles Floating Within the Interface Between Two Immiscible Fluids. , 2007, , .		0
226	Transient and steady state of a rising bubble in a viscoelastic fluid. Journal of Fluid Mechanics, 2007, 589, 215-252.	1.4	82
227	Transport and deformation of droplets in a microdevice using dielectrophoresis. Electrophoresis, 2007, 28, 644-657.	1.3	77
228	Trapping heavy metals by using calcium hydroxyapatite and dielectrophoresis. Journal of Hazardous Materials, 2007, 139, 461-466.	6.5	21
229	Migration and deformation of leukocytes in pressure driven flows. Mechanics Research Communications, 2007, 34, 411-422.	1.0	24
230	Antimycobacterial activity of econazole against multidrug-resistant strains of Mycobacterium tuberculosis. International Journal of Antimicrobial Agents, 2006, 28, 543-544.	1.1	54
231	Influence of particle-particle interactions and particles rotational motion in traveling wave dielectrophoresis. Electrophoresis, 2006, 27, 703-715.	1.3	26
232	Immersive video as a rapid prototyping and evaluation tool for mobile and ambient applications. , 2006, , .		13
233	Optical manipulation of neutral nanoparticles suspended in a microfluidic channel. Journal of Applied Physics, 2006, 99, 094303.	1.1	9
234	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

#	ARTICLE	IF	CITATIONS
235	Dielectrophoresis induced clustering regimes of viable yeast cells. Electrophoresis, 2005, 26, 3738-3744.	1.3	46
236	Dielectrophoresis of Nanoparticles. , 2004, , 85.		0
237	The interfacial torque on a partially submerged sphere. Journal of Colloid and Interface Science, 2004, 280, 542-543.	5.0	14
238	Dielectrophoresis of nanoparticles. Electrophoresis, 2004, 25, 3625-3632.	1.3	94
239	Direct Simulation of Electrorheological Suspensions. , 2004, , .		0
240	Negative Wake and Velocity of a Bubble Rising in a Viscoelastic Fluid. , 2003, , 709.		1
241	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
242	Mobile adaptive call (MAC) an adaptive s/w for computer assisted language learning. , 0, , .		4
243	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
244	Heat transfer analysis of hybrid active solar still with water flowing over glass cover. Journal of Thermal Engineering, 0, , 1329-1343.	0.8	1
245	Development of empirical relations to compute the heat transfer coefficients for distiller operating in different operating modes. , 0, 158, 1-10.		0
246	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