

# Sanjeev Kumar

## List of Publications by Year in descending order

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439  
papers

10,067  
citations

53794

45  
h-index

64796

79  
g-index

461  
all docs

461  
docs citations

461  
times ranked

11600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of repetitive paired associative stimulation on brain plasticity and working memory in Alzheimer's disease: a pilot randomized double-blind-controlled trial. <i>International Psychogeriatrics</i> , 2023, 35, 143-155.	1.0	10
2	Suitability of Google Trends for Digital Surveillance During Ongoing COVID-19 Epidemic: A Case Study from India. <i>Disaster Medicine and Public Health Preparedness</i> , 2023, 17, 1-10.	1.3	12
3	Strategy for repurposing of disposed PPE kits by production of biofuel: Pressing priority amidst COVID-19 pandemic. <i>Biofuels</i> , 2022, 13, 545-549.	2.4	34
4	Incinerated municipal solid waste bottom ash bricks: A sustainable and cost-efficient building material. <i>Materials Today: Proceedings</i> , 2022, 49, 1566-1572.	1.8	15
5	Comparative Assessment of Kurukshetra City Waste Dumping Sites Using RIAM Analysis: A Case Study. <i>Lecture Notes in Civil Engineering</i> , 2022, , 31-38.	0.4	8
6	Physico-Mechanical Properties and Taguchi Optimized Abrasive Wear of Alkali Treated and Fly Ash Reinforced Himalayan Agave Fiber Polyester Composite. <i>Journal of Natural Fibers</i> , 2022, 19, 9269-9282.	3.1	18
7	Bacillus sp. and arbuscular mycorrhizal fungi consortia enhance wheat nutrient and yield in the second-year field trial: Superior performance in comparison with chemical fertilizers. <i>Journal of Applied Microbiology</i> , 2022, 132, 2203-2219.	3.1	12
8	Fractional-order identification and synthesis of equivalent circuit for electrochemical system based on pulse voltammetry. , 2022, , 373-402.		2
9	Strength characteristics of kaolin clay mixed with RHA, sand and lime. <i>Materials Today: Proceedings</i> , 2022, 60, 328-335.	1.8	4
10	The impact of the COVID-19 lockdown on global air quality: A review. <i>Environmental Sustainability</i> , 2022, 5, 5-23.	2.8	4
11	High thermostability improves neutralizing antibody responses induced by native-like HIV-1 envelope trimers. <i>Npj Vaccines</i> , 2022, 7, 27.	6.0	13
12	Understanding cross-tolerance mechanism and effect of drought priming on individual heat stress and combinatorial heat and drought stress in chickpea. <i>Journal of Crop Science and Biotechnology</i> , 2022, 25, 515-533.	1.5	2
13	Proximal tubular aortopulmonary window in an adult - A diagnostic dilemma solved by cardiac computed tomographic angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, , .	1.3	0
14	Unravelling cross priming induced heat stress, combinatorial heat and drought stress response in contrasting chickpea varieties. <i>Plant Physiology and Biochemistry</i> , 2022, 180, 91-105.	5.8	8
15	Critical Overview of Reinforcing Sand Using Geocell for Shallow Foundation. <i>Lecture Notes in Civil Engineering</i> , 2022, , 271-280.	0.4	4
16	Multiple Tubercular Aortic Aneurysms in a Case of Chronic Noninfectious Osteomyelitis. <i>Indian Journal of Pediatrics</i> , 2022, , 1.	0.8	1
17	Impact of standardizing care for agitation in dementia using an integrated care pathway on an inpatient geriatric psychiatry unit. <i>International Psychogeriatrics</i> , 2022, 34, 919-928.	1.0	3
18	<i>Pseudomonas citronellolis</i> alleviates arsenic toxicity and maintains cellular homeostasis in chickpea ( <i>Cicer arietinum</i> L.). <i>Plant Physiology and Biochemistry</i> , 2022, 184, 26-39.	5.8	5

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19	Primary Aorto-enteric Fistula: an Exceedingly Rare Life-Threatening Complication!. Indian Journal of Surgery, 2021, 83, 1314-1315.	0.3	0
20	Observation of Shubnikovâ€“de Haas Oscillations, Planar Hall Effect, and Anisotropic Magnetoresistance at the Conducting Interface of EuOâ€“KTaO <sub>3</sub> . Advanced Quantum Technologies, 2021, 4, .	3.9	33
21	Impact of different cropping systems on the land nutrient index, microbial diversity, and soil quality. Land Degradation and Development, 2021, 32, 3973-3991.	3.9	7
22	Effect of polar nano region dynamics on pyroelectric energy conversion efficiency of doped BaTiO <sub>3</sub> . Journal of Alloys and Compounds, 2021, 857, 157605.	5.5	5
23	Cross priming with drought improves heat-tolerance in chickpea (Cicer arietinum L.) by stimulating small heat shock proteins and antioxidative defense. Environmental Sustainability, 2021, 4, 171-182.	2.8	16
24	Thermoelectric Effect in Graphene-Based Three-Terminal Junction. IEEE Nanotechnology Magazine, 2021, 20, 733-738.	2.0	3
25	Comparative radioâ€“frequency and crosstalk analysis of carbonâ€“based nanoâ€“interconnects. IET Circuits, Devices and Systems, 2021, 15, 493-503.	1.4	1
26	A highly contiguous reference genome assembly for Colletotrichum falcatum pathotype Cf08 causing red rot disease in sugarcane. 3 Biotech, 2021, 11, 148.	2.2	0
27	B-Site Stoichiometry Control of the Magnetotransport Properties of Epitaxial Sr <sub>2</sub> FeMoO <sub>6</sub> Thin Film. ACS Applied Electronic Materials, 2021, 3, 597-604.	4.3	5
28	Assessment of Global Sustainable Development, Environmental Sustainability, Economic Development and Social Development Index in Selected Economies. International Journal of Sustainable Development and Planning, 2021, 16, 123-138.	0.7	19
29	Enhanced room temperature multiferroic behaviour of Ni-doped Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 10255-10265.	2.2	5
30	Circular Slotted Antenna with CPW feed for GSM and UWB Applications. International Journal of Sensors, Wireless Communications and Control, 2021, 11, 160-168.	0.7	1
31	Stenotic lesions of aorta: Imaging evaluation using multidetector computed tomography angiography. Asian Cardiovascular and Thoracic Annals, 2021, 29, 021849232110240.	0.5	0
32	Baseline risk factor prevalence among adolescents aged 15â€“17 years old: findings from National Non-communicable Disease Monitoring Survey (NNMS) of India. BMJ Open, 2021, 11, e044066.	1.9	13
33	InGaAs self-switching diode-based THz bridge rectifier. Semiconductor Science and Technology, 2021, 36, 075017.	2.0	4
34	Adsorption of hexavalent chromium from aqueous solution using pomegranate peel as low-cost biosorbent. Environmental Sustainability, 2021, 4, 401-417.	2.8	16
35	Magnetoelectric coupling enhancement in lead-free Â“BCTZâ€“xNZFO composites. Journal of Materials Science: Materials in Electronics, 2021, 32, 17512-17523.	2.2	15
36	Characterization of neutralizing versus binding antibodies and memory B cells in COVID-19 recovered individuals from India. Virology, 2021, 558, 13-21.	2.4	24

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37	Enhanced dielectric response under applied magnetic field in $\text{PbZr}_{0.95}\text{Ti}_{0.05}\text{O}_3$ particulate composites of $(1-x)\text{PbZr}_{0.95}\text{Ti}_{0.05}\text{O}_3$ - $x)\text{Ni}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ . <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	4
38	A Few MeV Laser-Plasma Accelerated Proton Beam in Air Collimated Using Compact Permanent Quadrupole Magnets. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6358.	2.5	3
39	Municipal solid waste incineration bottom ash: a competent raw material with new possibilities. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	2.2	25
40	Preparedness of primary and secondary health facilities in India to address major noncommunicable diseases: results of a National Noncommunicable Disease Monitoring Survey (NNMS). <i>BMC Health Services Research</i> , 2021, 21, 757.	2.2	28
41	A Smart Archive Box for Museum Artifact Monitoring Using Battery-Less Temperature and Humidity Sensing. <i>Sensors</i> , 2021, 21, 4903.	3.8	21
42	Design and analysis simple microstrip low-pass filter for wireless application. <i>Materials Today: Proceedings</i> , 2021, 51, 1017-1017.	1.8	0
43	An Active Plasma Beam Dump for EuPRAXIA Beams. <i>Instruments</i> , 2021, 5, 24.	1.8	0
44	A Bandwidth-Enhanced Sub-GHz Wristwatch Antenna Using an Optimized Feed Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 1389-1393.	4.0	3
45	Linkage to primary-care public health facilities for cardiovascular disease prevention: a community-based cohort study from urban slums in India. <i>BMJ Open</i> , 2021, 11, e045997.	1.9	2
46	Flattening of free energy profile and enhancement of energy storage efficiency near morphotropic phase boundary in lead-free BZT-xBCT. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159824.	5.5	16
47	Imaging Spectrum of Valvular and Paravalvular Complications of Prosthetic Heart Valve at CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210159.	2.5	3
48	Nanotechnology-Based Strategies for the Management of COVID-19: Recent Developments and Challenges. <i>Current Pharmaceutical Design</i> , 2021, 27, 4197-4211.	1.9	5
49	Enhanced magnetoelectric coupling in environmental friendly lead-free $\text{Ni}_{0.8}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4$ - $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.1}\text{Ti}_{0.9}\text{O}_3$ laminate composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25481-25492.	2.2	5
50	Immunophenotyping and Transcriptional Profiling of Human Plasmablasts in Dengue. <i>Journal of Virology</i> , 2021, 95, e0061021.	3.4	2
51	Delineating the Role of <i>Aedes aegypti</i> ABC Transporter Gene Family during Mosquito Development and Arboviral Infection via Transcriptome Analyses. <i>Pathogens</i> , 2021, 10, 1127.	2.8	9
52	Current status of therapeutic monoclonal antibodies against SARS-CoV-2. <i>PLoS Pathogens</i> , 2021, 17, e1009885.	4.7	79
53	Cross-neutralization of SARS-CoV-2 by HIV-1 specific broadly neutralizing antibodies and polyclonal plasma. <i>PLoS Pathogens</i> , 2021, 17, e1009958.	4.7	20
54	Critical behavior of relaxor $\text{Pb}_{0.91}\text{La}_{0.09}\text{Zr}_{0.65}\text{Ti}_{0.35}\text{O}_3$ : Interplay between polar nano regions, electrocaloric and energy storage response. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161067.	5.5	7

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55	An Ultrathin Compact Polarization-Sensitive Triple-band Microwave Metamaterial Absorber. Journal of Electronic Materials, 2021, 50, 1506-1513.	2.2	25
56	Intercropping in Sugarcane Improves Functional Diversity, Soil Quality and Crop Productivity. Sugar Tech, 2021, 23, 794-810.	1.8	10
57	Current understanding of the influence of environmental factors on SARS-CoV-2 transmission, persistence, and infectivity. Environmental Science and Pollution Research, 2021, 28, 6267-6288.	5.3	49
58	An Investigation on Rolling Element Bearing Fault and Real-Time Spectrum Analysis by Using Short-Time Fourier Transform. Advances in Intelligent Systems and Computing, 2021, , 561-567.	0.6	9
59	An Overview of Biometrics and Face Spoofing Detection. Lecture Notes in Electrical Engineering, 2021, , 871-881.	0.4	10
60	Molecular Combustion Properties of Nanoscale Aluminum and Its Energetic Composites: A Short Review. ACS Omega, 2021, 6, 17-27.	3.5	12
61	Experimental and numerical study on physico-mechanical properties and Taguchi's designed abrasive wear behavior of hemp/nettle-polyester hybrid composite. Polymer Composites, 2021, 42, 6912-6927.	4.6	24
62	Thermoelectric rectification in a graphene-based triangular ballistic rectifier (G-TBR). Journal of Computational Electronics, 2021, 20, 2308-2316.	2.5	5
63	An Investigation of Different Methodology Used for Achieving Compact Multiband Microstrip Antenna for Wireless Application. Advances in Intelligent Systems and Computing, 2021, , 151-160.	0.6	4
64	Wireless Powered Uplink of NOMA Using Poisson Cluster Process with Two Orthogonal Signal Sets. Lecture Notes in Electrical Engineering, 2021, , 1105-1113.	0.4	1
65	Documentation on Smart Home Monitoring Using Internet of Things. Lecture Notes in Electrical Engineering, 2021, , 1115-1124.	0.4	5
66	Modern Health Monitoring System Using IoT. Lecture Notes in Electrical Engineering, 2021, , 1135-1144.	0.4	1
67	Compressive Sensing and Contourlet Transform Applications in Speech Signal. Lecture Notes in Electrical Engineering, 2021, , 833-842.	0.4	2
68	Multi-point Data Transmission and Control-Data Separation in Ultra-Dense Cellular Networks. Lecture Notes in Electrical Engineering, 2021, , 853-859.	0.4	1
69	Review of 5G Communications Over OFDM and GFDM. Lecture Notes in Electrical Engineering, 2021, , 861-869.	0.4	2
70	Booth Multiplier: The Systematic Study. Lecture Notes in Electrical Engineering, 2021, , 943-956.	0.4	5
71	Modeling Trade-Off Employment Elasticity Nexus: Evidence from India. Emerging Economy Studies, 2021, 7, 62-75.	0.6	2
72	Isolated aortic interruption complicated by type B aortic dissection: A rare case of "double trouble". Journal of Cardiovascular Computed Tomography, 2020, 14, e11-e12.	1.3	1

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73	Nano-bioremediation: An Innovative Remediation Technology for Treatment and Management of Contaminated Sites. , 2020, , 165-182.		24
74	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. <i>Neurobiology of Aging</i> , 2020, 85, 58-73.	3.1	150
75	Influence of barrier and spacer layer on structural and electrical properties of AlGaIn/GaN HEMT. <i>International Journal of Information Technology (Singapore)</i> , 2020, 12, 119-124.	2.7	2
76	Molecular Analysis as a Guide to Determining the Extent and Pathophysiology of Perilesional Tissues in Oral Epithelial Dysplasias. <i>Journal of Maxillofacial and Oral Surgery</i> , 2020, 19, 447-455.	1.4	0
77	Identification of fractional order model for a voltammetric E-tongue system. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 150, 107064.	5.0	16
78	Effect of Mn addition on magnetoelectric coupling behavior of BiFeO <sub>3</sub> -Pb/BaTiO <sub>3</sub> multiferroics. <i>Materials Research Express</i> , 2020, 7, 015704.	1.6	0
79	Revisiting Criteria for Psychosis in Alzheimer's Disease and Related Dementias: Toward Better Phenotypic Classification and Biomarker Research. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1143-1156.	2.6	39
80	Priming alleviates high temperature induced oxidative DNA damage and repair using Apurinic/apyrimidinic endonuclease (Ape1L) homologue in wheat ( <i>Triticum aestivum</i> L.). <i>Plant Physiology and Biochemistry</i> , 2020, 156, 304-313.	5.8	3
81	Effectively Caring for Individuals With Behavioral and Psychological Symptoms of Dementia During the COVID-19 Pandemic. <i>Frontiers in Psychiatry</i> , 2020, 11, 573367.	2.6	51
82	Heme-Peroxidase 2, a Peroxinectin-Like Gene, Regulates Bacterial Homeostasis in <i>Anopheles stephensi</i> Midgut. <i>Frontiers in Physiology</i> , 2020, 11, 572340.	2.8	5
83	Nonlinear Modeling of Voltammetric Sensor Signals: Application to the E-Tongue Measurement. <i>IEEE Sensors Journal</i> , 2020, 20, 14237-14244.	4.7	5
84	CCCDT5 recommendations on early and timely assessment of neurocognitive disorders using cognitive, behavioral, and functional scales. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12057.	3.7	9
85	Theta-gamma coupling and ordering information: a stable brain-behavior relationship across cognitive tasks and clinical conditions. <i>Neuropsychopharmacology</i> , 2020, 45, 2038-2047.	5.4	19
86	Investigations on multiferroic properties of lead free (1-x)BCZT-xCZFMo based particulate ceramic composites. <i>Solid State Sciences</i> , 2020, 108, 106380.	3.2	17
87	Sequential treatment of unilateral temporo-mandibular joint ankylosis with distraction osteogenesis: A case report. <i>International Orthodontics</i> , 2020, 18, 584-592.	1.9	3
88	Enhancement in the piezoelectric properties in lead-free BZT-xBCT dense ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21651-21660.	2.2	7
89	Insights on improved room temperature ferromagnetism in chemically co-precipitated Ru-doped ZnS nanopowders. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	3
90	Agitation and impulsivity in mid and late life as possible risk markers for incident dementia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12016.	3.7	25

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91	Broadly neutralizing plasma antibodies effective against autologous circulating viruses in infants with multivariant HIV-1 infection. <i>Nature Communications</i> , 2020, 11, 4409.	12.8	26
92	Plants-Derived Biomolecules as Potent Antiviral Phytomedicines: New Insights on Ethnobotanical Evidences against Coronaviruses. <i>Plants</i> , 2020, 9, 1244.	3.5	53
93	A Rare Mutation in an Infant-Derived HIV-1 Envelope Glycoprotein Alters Interprotomer Stability and Susceptibility to Broadly Neutralizing Antibodies Targeting the Trimer Apex. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
94	Multiferroic and magnetodielectric properties of (1-x)KNN-xCMgFO ceramic-based composites. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 1027-1035.	2.3	8
95	Frontal-executive and corticolimbic structural brain circuitry in older people with remitted depression, mild cognitive impairment, Alzheimer's dementia, and normal cognition. <i>Neuropsychopharmacology</i> , 2020, 45, 1567-1578.	5.4	14
96	Enhanced magneto-capacitance in Sr <sup>2+</sup> modified BiFeO <sub>3</sub> -PbTiO <sub>3</sub> solid solutions. <i>Materials Chemistry and Physics</i> , 2020, 252, 123313.	4.0	10
97	Incidentally detected anomalous origin of left circumflex artery from right pulmonary artery in an adult with aortic stenosis and coarctation. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, e180-e181.	1.3	1
98	A Feature Extraction Method Using Linear Model Identification of Voltammetric Electronic Tongue. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 9243-9250.	4.7	6
99	RF analysis of intercalated graphene nanoribbon-based global-level interconnects. <i>Journal of Computational Electronics</i> , 2020, 19, 1002-1013.	2.5	7
100	Structural Brain Magnetic Resonance Imaging to Rule Out Comorbid Pathology in the Assessment of Alzheimer's Disease Dementia: Findings from the Ontario Neurodegenerative Disease Research Initiative (ONDRI) Study and Clinical Trials Over the Past 10 Years. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 747-757.	2.6	9
101	Triple Band Polarisation Sensitive Metamaterial Absorber for Terahertz Applications. , 2020, , .		4
102	A highly efficient bilayer graphene/ZnO/silicon nanowire based heterojunction photodetector with broadband spectral response. <i>Nanotechnology</i> , 2020, 31, 405205.	2.6	56
103	Effects of bilateral transcranial direct current stimulation on working memory and global cognition in older patients with remitted major depression: A pilot randomized clinical trial. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 1233-1242.	2.7	7
104	Graphene-based tunable multi-band metamaterial polarization-insensitive absorber for terahertz applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11878-11886.	2.2	38
105	An Improved Fractional-Order Circuit Model for Voltammetric Taste Sensor System With Infused Tea as Analyte. <i>IEEE Sensors Journal</i> , 2020, 20, 7792-7800.	4.7	11
106	Ultra-thin metamaterial perfect absorbers for single/dual/multi-band microwave applications. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 390-396.	1.4	58
107	Percutaneous retrieval of embolized peripherally inserted central catheter. <i>Asian Cardiovascular and Thoracic Annals</i> , 2020, 28, 222-223.	0.5	0
108	Regional Disparities in Employment Intensity of Indian Industries: A State-level Analysis. <i>Emerging Economy Studies</i> , 2020, 6, 23-38.	0.6	5

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109	Strongly enhanced polarization and dielectric breakdown strength of PZT95/5 by doping of Ce <sup>4+</sup> and Nb <sup>5+</sup> . Journal of Materials Science: Materials in Electronics, 2020, 31, 13104-13110.	2.2	4
110	Incidence and Prevalence of Head and Neck Pathological Spectrum in a Pediatric Population. Journal of Craniofacial Surgery, 2020, 31, e394-e397.	0.7	2
111	Design and Rationale of the PACt-MD Randomized Clinical Trial: Prevention of Alzheimer's dementia with Cognitive remediation plus transcranial direct current stimulation in Mild cognitive impairment and Depression. Journal of Alzheimer's Disease, 2020, 76, 733-751.	2.6	27
112	Progress and Prospects of Association Mapping in Sugarcane (Saccharum Species Hybrid), a Complex Polyploid Crop. Sugar Tech, 2020, 22, 939-953.	1.8	12
113	Exploiting WiMAX for covert transmission of secret data over fading channel. International Journal of Communication Systems, 2020, 33, e4338.	2.5	2
114	Gender impact on transcranial magnetic stimulation-based cortical excitability and cognition relationship in healthy individuals. NeuroReport, 2020, 31, 287-292.	1.2	9
115	Enhanced pyroelectric figure of merits in Sr and Zr co-doped porous BaTiO <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 2337-2346.	2.2	13
116	Spontaneous pulmonary artery aneurysm in a case of Williams syndrome. Journal of Cardiovascular Computed Tomography, 2020, 14, e170-e171.	1.3	1
117	Design and characterization of RF MEMS capacitive shunt switch for X, Ku, K and Ka band applications. Microelectronic Engineering, 2020, 227, 111310.	2.4	9
118	Functional Competence and Cognition in Individuals With Amnesic Mild Cognitive Impairment. Journal of the American Geriatrics Society, 2020, 68, 1787-1795.	2.6	2
119	Anticipating and Mitigating the Impact of the COVID-19 Pandemic on Alzheimer's Disease and Related Dementias. American Journal of Geriatric Psychiatry, 2020, 28, 712-721.	1.2	374
120	Efficiency of Algae for Heavy Metal Removal, Bioenergy Production, and Carbon Sequestration. Microorganisms for Sustainability, 2020, , 77-101.	0.7	5
121	Advances in Plant Microbe-Based Remediation Approaches for Environmental Cleanup. Microorganisms for Sustainability, 2020, , 103-128.	0.7	3
122	The modified magnetodielectric response in KNN-CZFMO based particulate multiferroic composite system. Journal of Advanced Dielectrics, 2020, 10, 2050024.	2.4	4
123	Determination of Model Order of an Electrochemical System: A Case Study with Electronic Tongue. Lecture Notes in Electrical Engineering, 2020, , 29-38.	0.4	0
124	COLK 12209 (IKSHU-7): A NEW MID-LATE MATURING SUGARCANE VARIETY FOR NORTH CENTRAL AND NORTH EAST ZONE OF SUB-TROPICAL INDIA. Journal of Sugarcane Research, 2020, 10, 43.	0.2	0
125	Suitability of Coupling Application of Organic and Inorganic Fertilizers for Crop Cultivation. , 2020, , 149-177.		0
126	Effect of combination antiretroviral therapy on human immunodeficiency virus 1 specific antibody responses in subtype-C infected children. Journal of General Virology, 2020, 101, 1289-1299.	2.9	5

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127	Nanoagroparticles: An Emerging Trend in Modern Agriculture System. , 2020, , 207-227.		1
128	Information hiding with adaptive steganography based on novel fuzzy edge identification. Defence Technology, 2019, 15, 162-169.	4.2	41
129	Trichoderma-Mediated Suppression of Red Rot of Sugarcane Under Field Conditions in Subtropical India. Sugar Tech, 2019, 21, 496-504.	1.8	9
130	Reconfigurable dual notch band antenna on Si-substrate integrated with RF MEMS SP4T switch for GPS, 3G, 4G, bluetooth, UWB and close range radar applications. AEU - International Journal of Electronics and Communications, 2019, 110, 152873.	2.9	20
131	Enhanced Optoelectronic Properties of Bilayer Graphene/HgCdTe-Based Single- and Dual-Junction Photodetectors in Long Infrared Regime. IEEE Nanotechnology Magazine, 2019, 18, 781-789.	2.0	45
132	Influence of Cr <sup>3+</sup> doping on multiferroic properties in the morphotropic phase boundary compositions of BiFeO <sub>3</sub> â€“PbTiO <sub>3</sub> system. Journal of Materials Science: Materials in Electronics, 2019, 30, 16539-16547.	2.2	2
133	Effect of Nd <sup>3+</sup> substitution on structural, ferroelectric, magnetic and electrical properties of BiFeO <sub>3</sub> â€“PbTiO <sub>3</sub> binary system. SN Applied Sciences, 2019, 1, 1.	2.9	11
134	Viral Characteristics Associated with Maintenance of Elite Neutralizing Activity in Chronically HIV-1 Clade C-Infected Monozygotic Pediatric Twins. Journal of Virology, 2019, 93, .	3.4	18
135	Pseudomonas citronellolis; a multi-metal resistant and potential plant growth promoter against arsenic (V) stress in chickpea. Plant Physiology and Biochemistry, 2019, 142, 179-192.	5.8	33
136	Temperature dependent structural and electrical analysis of Cr-doped multiferroic GaFeO <sub>3</sub> ceramics. Materials Research Express, 2019, 6, 115704.	1.6	3
137	Cross-priming accentuates key biochemical and molecular indicators of defense and improves cold tolerance in chickpea (Cicer arietinum L.). Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	10
138	Analysis of nonlinear characteristics of a graphene based four-terminal ballistic rectifier using a drift-diffusion model. Nanoscale Advances, 2019, 1, 4119-4127.	4.6	6
139	Extraction of Trench Capacitance and Reverse Recovery Time of InGaAs Self-Switching Diode. IEEE Nanotechnology Magazine, 2019, 18, 925-931.	2.0	9
140	Crystal structure correlation of ferroelectric and dielectric properties of Nb doped PZT95/5. Journal of Materials Science: Materials in Electronics, 2019, 30, 5014-5020.	2.2	3
141	The role of a weakly coordinating thioether group in ligation controlled molecular self-assemblies and their inter-conversions in Ni(ii) complexes of l-methionine derived ligand. New Journal of Chemistry, 2019, 43, 11222-11232.	2.8	5
142	Physico-mechanical and Taguchi-designed sliding wear properties of Himalayan agave fiber reinforced polyester composite. Journal of Materials Research and Technology, 2019, 8, 3662-3671.	5.8	31
143	Current State of Knowledge on Algae-Mediated Remediation of Endocrine-Disrupting Chemicals (EDCs) from Wastewater. , 2019, , 101-120.		5
144	Association between Sleep Disturbances and Medial Temporal Lobe Volume in Older Adults with Mild Cognitive Impairment Free of Lifetime History of Depression. Journal of Alzheimer's Disease, 2019, 69, 413-421.	2.6	11

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145	A circuit model estimation of voltammetric taste measurement system for black tea. Measurement: Journal of the International Measurement Confederation, 2019, 140, 609-621.	5.0	12
146	Changes in Theta but not Alpha Modulation Are Associated with Impairment in Working Memory in Alzheimer's Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 68, 1085-1094.	2.6	16
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