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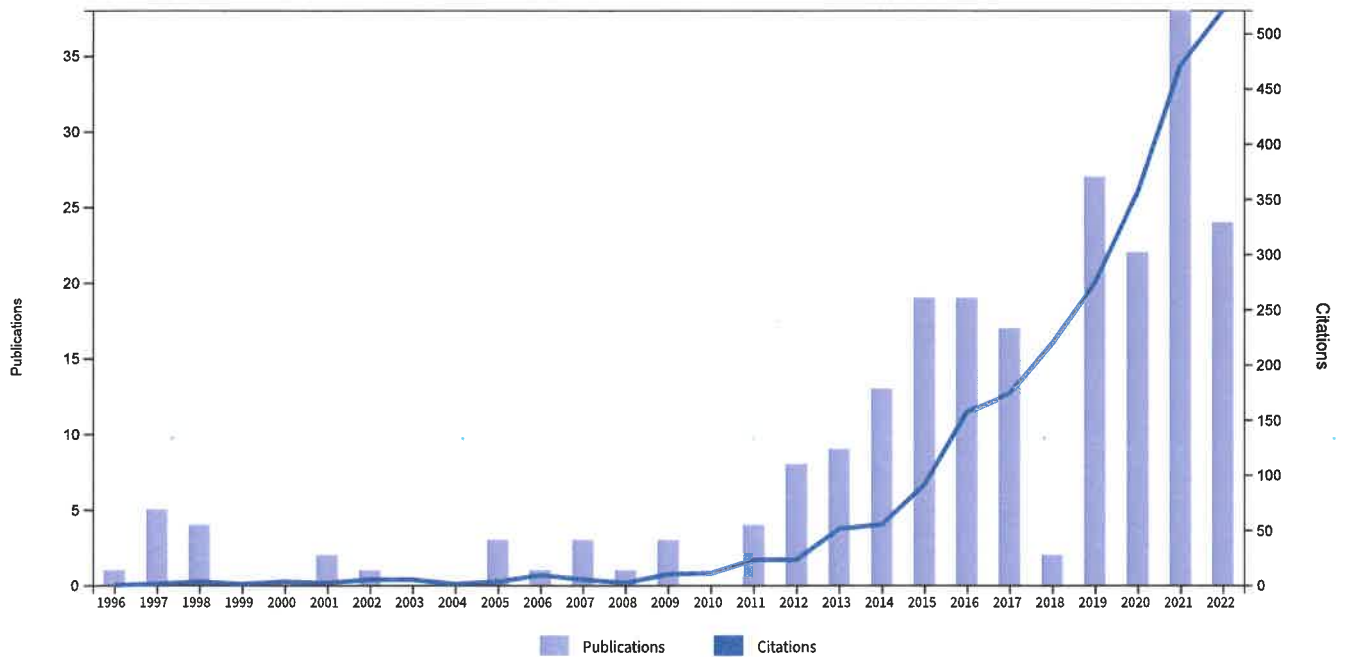
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Krishnagiri (Dt.), Tamil Nadu.

	Total	220	274	356	471	521	95.69	2,488
1 Investigation of physical, chemical and mechanical properties of raw and alkali treated Borassus fruit fiber Boopathi, L; Sampath, PS and Mylsamy, K Dec 2012 COMPOSITES PART B-ENGINEERING 43 (8), pp.3044-3052		14	25	26	25	25	13.82	152
2 Influence of alkali treatment and fibre length on mechanical properties of short Agave fibre reinforced epoxy composites Mylsamy, K and Rajendran, J Sep 2011 MATERIALS & DESIGN 32 (8-9), pp.4629-4640		12	14	8	14	14	7.83	94

3	<p>Abrasive Water Jet Machining process: A state of art of review</p> <p>Natarajan, Y; Murugesan, PK; (...); Khan, SALA Jan 2020 JOURNAL OF MANUFACTURING PROCESSES 49, pp.271-322</p>	0	0	13	32	41	28.67	86
4	<p>Comparative Studies of Spinel MnFe2O4 Nanostructures: Structural, Morphological, Optical, Magnetic and Catalytic Properties</p> <p>Jacintha, AM; Manikandan, A; (...); Neeraja, P Dec 2015 JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 15 (12), pp.9732-9740</p>	11	18	26	11	6	10.25	82
5	<p>The mechanical properties, deformation and thermomechanical properties of alkali treated and untreated Agave continuous fibre reinforced epoxy composites</p> <p>Mylsamy, K and Rajendran, I May 2011 MATERIALS & DESIGN 32 (5), pp.3076-3084</p>	13	10	13	12	5	6.75	81
6	<p>Electrochemical degradation of textile dyeing industry effluent in batch and flow reactor systems</p> <p>Basha, CA; Sendhil, J; (...); Lee, CW Jan 31 2012 DESALINATION 285, pp.188-197</p>	11	10	4	7	5	6.91	76
7	<p>Dry sliding wear of garnet reinforced zinc/aluminium metal matrix composites</p> <p>Ranganath, G; Sharma, SC and Krishna, M 13th International Conference on Wear of Materials Oct 2001 WEAR 251, pp.1408-1413</p>	4	12	8	9	4	3.45	76
8	<p>Status of solar desalination in India</p> <p>Arjunan, TV; Aybar, HS and Nedunchezhiyan, N Dec 2009 RENEWABLE & SUSTAINABLE ENERGY REVIEWS 13 (9), pp.2408-2418</p>	3	7	7	5	5	4.57	64
9	<p>Comparative Studies of Microwave- and Sol-Gel-Assisted Combustion Methods of Fe3O4 Nanostructures: Structural, Morphological, Optical, Magnetic, and Catalytic Properties</p> <p>Chinnaraj, K; Manikandan, A; (...); Neeraja, P Jan 2015 JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM 28 (1), pp.179-190</p>	12	13	1	2	1	7.75	62
10	<p>Structure, morphology and opto-magnetic properties of Bi2MoO6 nano-photocatalyst synthesized by sol-gel method</p> <p>Umapathy, V; Manikandan, A; (...); Neeraja, P Oct 2015 TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA 25 (10), pp.3271-3278</p>	20	7	9	5	9	7.63	61
11	<p>Optimal capacitor placement in radial distribution systems using flower pollination algorithm</p> <p>Tamilsetvan, V; Jayabarathi, J; (...); Yang, XS Dec 2018 ALEXANDRIA ENGINEERING JOURNAL 57 (4), pp.2775-2786</p>	0	2	18	21	16	11.4	57
12	<p>Influence of film thickness on the properties of sprayed ZnO thin films for gas sensor applications</p> <p>Mariappan, R; Ponnuswamy, V; (...); Bose, AC Jul 2014 SUPERLATTICES AND MICROSTRUCTURES 71, pp.238-249</p>	7	10	4	6	11	5.89	53
13	<p>Influence of substrate temperature on the properties of CeO2 thin films by simple nebulizer spray pyrolysis technique</p> <p>Suresh, B; Ponnuswamy, V; (...); Kumar, NS Jan 2014 CERAMICS INTERNATIONAL 40 (1), pp.437-445</p>	5	6	8	7	6	5.67	51
14	<p>Comparative investigation of CuFe2O4 nano and microstructures for structural, morphological, optical and magnetic properties</p>	3	4	2	11	19	5.71	40



15	A study of mechanical properties and fractography of ZA-27/titanium-dioxide metal matrix composites Ranganath, G; Sharma, SC; (...); Muruli, MS Aug 2002 JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE 11 (4), pp.408-413	2	9	4	5	5	1.67	35
16	Channel cross section effect on heat transfer performance of oblique finned microchannel heat sink Vinoth, R and Kumar, DS Oct 2017 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER 87, pp.270-276	2	7	7	7	10	5.5	33
17	Role of substrate temperature on the properties of Na-doped ZnO thin film nanorods and performance of ammonia gas sensors using nebulizer spray pyrolysis technique Mariappan, R; Ponnuswamy, V; (...); Ragavendar, M Jan 5 2014 JOURNAL OF ALLOYS AND COMPOUNDS 582, pp.387-391	4	4	2	4	1	3.56	32
18	Road Traffic Noise Prediction Model under Interrupted Traffic Flow Condition Rajakumara, HN and Gowda, RMM Apr 2009 ENVIRONMENTAL MODELING & ASSESSMENT 14 (2), pp.251-257	4	1	6	4	4	2.29	32
19	Multi-disease prediction model using improved SVM-radial bias technique in healthcare monitoring system Harimoorthy, K and Thangavelu, M Mar 2021 Jan 2020 (Early Access) JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING 12 (3), pp.3715-3723  Enriched Cited References	0	0	5	12	14	10.33	31
20	Software defect prediction techniques using metrics based on neural network classifier Jayanthi, R and Florence, L Jan 2019 CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 22, pp.77-88	0	1	6	9	15	7.75	31
21	Structural, optical and electrical characterization of nebulizer-sprayed ZnO nano-rods Mariappan, R; Ponnuswamy, V; (...); Ragavendar, M Jan 2014 SUPERLATTICES AND MICROSTRUCTURES 65, pp.184-194	2	1	3	7	4	3.44	31
22	Effect of Ce doping on microstructural, morphological and optical properties of ZrO2 nanoparticles Gnanamoorthi, K; Balakrishnan, M; (...); Kumar, ER Feb 2015 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 30, pp.518-526	10	3	2	6	4	3.75	30
23	Phytoremediation of Cr(VI) ion contaminated soil using Black gram (Vigna mungo): Assessment of removal capacity Saravanan, A; Jayasree, R; (...); Yuvaraj, D Jun 2019 JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING 7 (3)	0	3	10	14	2	7.25	29
24	Enhancement of sigma level in the manufacturing of furnace nozzle through DMAIC approach of Six Sigma: a case study Srinivasan, K; Muthu, S; (...); Sugumar, C 2016 PRODUCTION PLANNING & CONTROL 27 (10), pp.810-822	6	5	1	10	6	4.14	29
25	Study on effectiveness of activated calcium oxide in pilot plant biodiesel production Devaraj, K; Veerasamy, M; (...); Subramanian, S Jul 10 2019 JOURNAL OF CLEANER PRODUCTION 225, pp.18-26	0	13	7	8	7	7	28



26	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (Pseudomonas stutzeri and acid treated Banyan tree bark) Yaashikaa, PR; Kumar, PS; (...); Saravanan, A Feb 15 2019 JOURNAL OF MOLECULAR LIQUIDS 276, pp.362-370	0	1	13	12	2	7	28
27	Influence of Fibre Length on the Wear Behaviour of Chopped Agave americana Fibre Reinforced Epoxy Composites Mylsamy, K and Rajendran, J Oct 2011 TRIBOLOGY LETTERS 44 (1), pp.75-80	1	3	7	4	5	2.25	27
28	Participation of Electrochemical Steps in Treating Tannery Wastewater Basha, CA; Soloman, PA; (...); Kareem, LR Nov 18 2009 INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 48 (22), pp.9786-9796	2	3	3	4	0	1.86	26
29	Recovery of copper from scrap printed circuit board: modelling and optimization using response surface methodology Somasundaram, M; Saravanathamizhan, B; (...); Kannadasan, T Nov 2014 POWDER TECHNOLOGY 266, pp.1-6	7	1	4	4	1	2.78	25
30	Anomaly based intrusion detection for 802.11 networks with optimal features using SVM classifier Usha, M and Kavitha, P Nov 2017 WIRELESS NETWORKS 23 (8), pp.2431-2446	2	6	2	7	7	4	24
31	Electrochemical oxidation and aerobic biodegradation with isolated bacterial strains for dye wastewater: Combined and integrated approach Senthilkumar, S; Basha, CA; (...); Prabhu, HJ Aug 30 2012 ELECTROCHIMICA ACTA 77, pp.171-178	4	1	0	0	0	2.18	24
32	Cost-effective nebulizer sprayed ZnO thin films for enhanced ammonia gas sensing - Effect of deposition temperature Ravichandran, K; Manivasaham, A; (...); Mariappan, R Aug 2016 SURFACES AND INTERFACES 1-3, pp.13-20	2	4	7	4	1	3.14	22
33	Synthesis and Characterization of Fe-2(MoO4)3 Nano-Photocatalyst by Simple Sol-Gel Method Umapathy, V; Manikandan, A; (...); Neeraja, P	4	0	8	2	1	3	21
226 Publications		Citations						
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		< Previous year		Next year >		Average per year	Total	
		2018	2019	2020	2021			2022
35	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities Zhang, YC; Geng, PE; (...); Muthu, BA Jun 2021 Mar 2021 (Early Access) SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS 45 	0	0	0	8	11	9.5	19
36	Experimental investigation on heat transfer characteristics of an oblique finned microchannel heat sink with different channel cross sections Vinoth, R and Kumar, DS Dec 2018 HEAT AND MASS TRANSFER 54 (12), pp.3809-3817 	0	5	3	6	3	3.6	18
37	Structural, morphological, optical and magnetic properties of Co3O4 nanoparticles prepared by conventional method PRINCIPAL Adhimaan College of Engineering (Autonomous) HOSUR - 635 130 Krishnagiri (Dt.), Tamil Nadu.		4	3	2	2	2.57	18



38	Sol-Gel Synthesis and Characterizations of CoMoO4 Nanoparticles: An Efficient Photocatalytic Degradation of 4-Chlorophenol Umapathy, V and Neeraja, P Mar 2016 JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 16 (3) , pp.2960-2966	2	2	2	9	2	2.57	18
39	Nanostructured CexZn1-xO thin films: Influence of Ce doping on the structural, optical and electrical properties Mariappan, R; Ponnuswamy, V; (...); Bose, AC Mar 5 2014 JOURNAL OF ALLOYS AND COMPOUNDS 588 , pp.170-176	4	3	2	0	1	2	18
40	Effect of Latent Thermal Energy storage and inlet locations on enhancement of stratification in a solar water heater under discharging mode Murali, G and Mayilsamy, K Aug 5 2016 APPLIED THERMAL ENGINEERING 106 , pp.354-360	3	3	4	0	4	2.43	17
41	The role of oxidizing agents in the structural and morphological properties of CeO2 nanoparticles Suresh, R; Ponnuswamy, V and Mariappan, R May 2014 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 21 , pp.45-51	2	0	1	1	1	1.89	17
42	Crystal growth and DFT insight on sodium para-nitrophenolate para-nitrophenol dihydrate single crystal for NLO applications Selvakumar, S; Boobalan, MS; (...); Rajesh, AL Dec 5 2016 JOURNAL OF MOLECULAR STRUCTURE 1125 , pp.1-11	4	1	3	2	2	2.29	16
43	Photoelectrocatalytic Oxidation of Textile Dye Effluent: Modeling Using Response Surface Methodology Basha, CA; Saravanathamizhan, B; (...); Lee, CW Feb 22 2012 INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 51 (7) , pp.2846-2854	2	1	2	0	3	1.45	16
44	Influence of spin coating rate on the thickness, surface modification and optical properties of water dispersed PPy composite thin films Jayamurugan, P; Ponnuswamy, V; (...); Meenakshisundar, S Nov 2015 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 39 , pp.205-210	0	4	3	0	2	1.88	15
45	Effect of solvent and substrate temperature on morphology of cerium oxide thin films by simple nebuliser spray pyrolysis technique Suresh, R; Ponnuswamy, V and Mariappan, R Jan 2015 MATERIALS TECHNOLOGY 30 (1) , pp.12-22	2	1	2	4	1	1.88	15
46	Copper recovery and simultaneous COD removal from copper phthalocyanine dye effluent using bipolar disc reactor Basha, CA; Saravanathamizhan, B; (...); Lee, CW Mar 2013 CHEMICAL ENGINEERING RESEARCH & DESIGN 91 (3) , pp.552-559	3	0	1	4	2	1.5	15
47	Synthesis and discovery of pyrazolo-pyridine analogs as inflammation medications through pro- and anti-inflammatory cytokine and COX-2 inhibition assessments Bilavendran, JD; Manikandan, A; (...); Sivakumar, K Jan 2020 BIOORGANIC CHEMISTRY 94	0	0	2	6	6	4.67	14
48	A hybrid method for optimal load shedding and improving voltage stability Tamilselvan, V and Jayabarathi, T Mar 2016 AIN SHAMS ENGINEERING JOURNAL 7 (1) , pp.223-232	1	2	4	3	3	2	14



<p>49</p> <p>V2O5 nano-rods using low temperature chemical pyrophoric reaction technique: The effect of post annealing treatments on the structural, morphological, optical and electrical properties</p> <p>Kumar, NS; Chandrasekaran, J; (...); Chavali, M</p> <p>Jan 2014 SUPERLATTICES AND MICROSTRUCTURES 65, pp.353-364</p>	0	4	2	2	1	1.56	14
<p>50</p> <p>Development of colburn 'j' factor and fanning friction factor 'f' correlations for compact heat exchanger plain fins by using CFD</p> <p>Rao, RBS; Ranganath, G and Ranganayakulu, C</p> <p>Jul 2013 HEAT AND MASS TRANSFER 49 (7), pp.991-1000</p>	2	0	1	3	1	1.4	14

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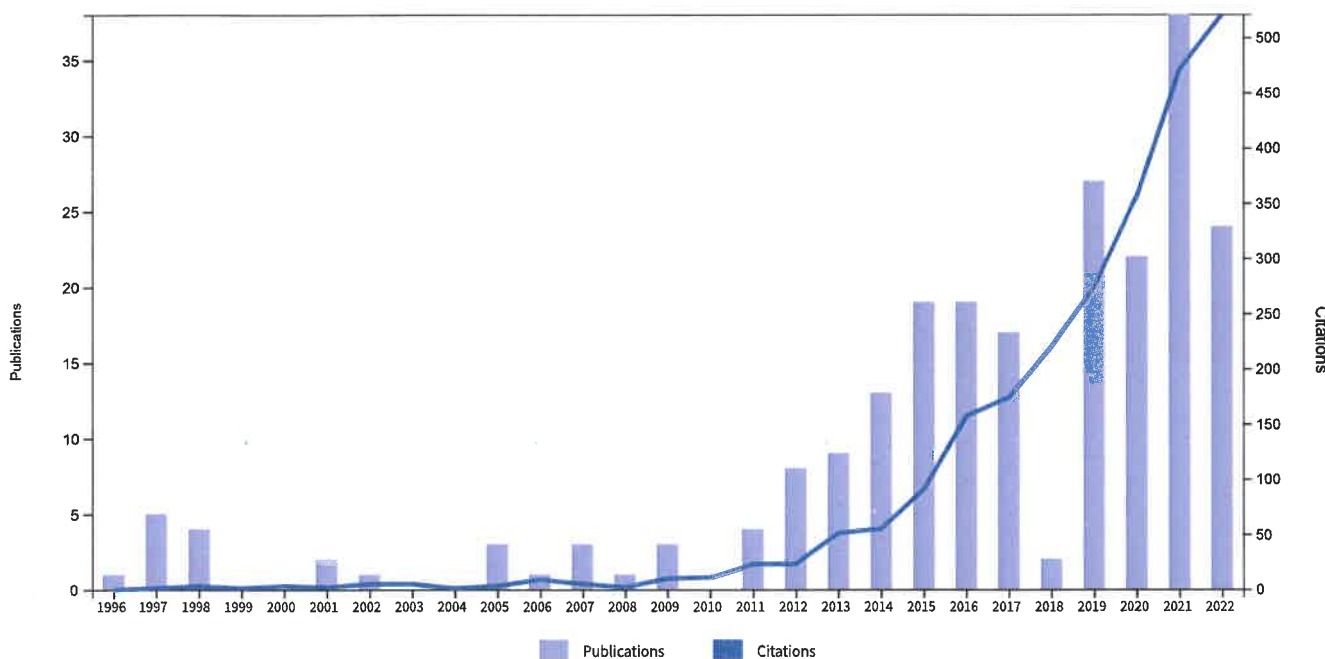
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	Total	220	274	356	471	521	95.69	2,488
51 Kinetics and mechanism of oxidation of aromatic anils by quinolinium chlorochromate Karthikeyan, G; Elango, KP; (...); Balasubramanian, A 1998 OXIDATION COMMUNICATIONS 21 (1), pp.51-54	0	0	0	0	0	0	0.56	14
52 An enhanced hybrid ant colony optimization routing protocol for vehicular ad-hoc networks Ramamoorthy, R and Thangavelu, M Apr 2021 (Early Access) JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	0	0	0	3	10		6.5	13
	0	0	2	5	6		4.33	



53	Photocatalytic Degradation of Synthetic Organic Reactive Dye Wastewater Using GO-TiO ₂ Nanocomposite Kumaran, V; Sudhagar, P; (...); Ponniah, G 2020 POLISH JOURNAL OF ENVIRONMENTAL STUDIES 29 (2), pp.1683-1690										
54	Photodetection Properties of ZnO/Si Heterojunction Diode: A Simulation Study Sharma, S; Sumathi, A and Periasamy, C 2017 IETE TECHNICAL REVIEW 34 (1), pp.83-90	0	2	3	4	4	2.17	13			
55	Structural, morphological and optical properties and solar cell applications of thioglycolic routed nano cobalt oxide material Ambika, S; Gopinath, S; (...); Sukantha, TA Nov 2019 ENERGY REPORTS 5, pp.305-309	0	0	4	4	4	3	12			
56	Synthesis and characterization of CuO nanoparticles, DBSA doped PANI and PANI/DBSA/CuO hybrid composites for diode and solar cell device development Ashokan, S; Ponnuswamy, V and Jayamurugan, P Oct 15 2015 JOURNAL OF ALLOYS AND COMPOUNDS 646, pp.40-48	1	1	1	2	0	1.5	12			
57	Response Surface Methodology and Artificial Neural Network for Modeling and Optimization of Distillery Spent Wash Treatment Using Phormidium valderianum BDU 140441 Ravikumar, R; Renuka, K; (...); Malarmathi, KB 2013 POLISH JOURNAL OF ENVIRONMENTAL STUDIES 22 (4), pp.1143-1152	1	5	1	0	1	1.2	12			
58	Structural, optical, electrical and electrochemical properties of Fe:Co ₃ O ₄ thin films for supercapacitor applications Manickam, M; Ponnuswamy, V; (...); Chandrasekaran, J Dec 2017 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 28 (24), pp.18951-18965	1	0	3	5	2	1.83	11			
59	Effect of glycine and L-arginine as processing fuels in the synthesis of ZnFe ₂ O ₄ nanostructures prepared via a facile microwave combustion method Raja, G; Gopinath, S and Sivakumar, K May 15 2016 CERAMICS INTERNATIONAL 42 (7), pp.8763-8768	1	3	1	1	1	1.57	11			
60	Fabrication and characterization PANI/CuO hybrid films by nebulizer spray pyrolysis technique for diode applications Ashokan, S; Ponnuswamy, V and Jayamurugan, P 2015 OPTIK 126 (20), pp.2591-2595	1	1	3	2	1	1.38	11			
61	Starlike and convex functions of complex order involving the Dziok-Srivastava operator Murugusundaramoorthy, G and Magesh, N 2007 INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS 18 (6), pp.419-425	0	0	1	0	0	0.69	11			
62	Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol Selvakumar, P; Adans, AA; (...); Kim, W Aug 1 2022 FUEL 321	0	0	0	0	8	10	10			
63	Study on consolidated bioprocessing of pre-treated Nannochloropsis gaditana biomass into ethanol under optimal strategy Kavitha, S; Gajendran, T; (...); Manivasagan, V Jul 2021 Mar 2021 (Early Access) RENEWABLE ENERGY 172, pp.440-452	0	0	0	0	9	5	10			

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[Selvakumar, P; Karthik, V; \(...\); Sivasnanmugam, P](#)

65	<p>Fractional Fourier transform and stability of fractional differential equation on Lizorkin space</p> <p>Unyong, B; Mohanapriya, A; (...); Lim, CP</p> <p>Oct 16 2020 ADVANCES IN DIFFERENCE EQUATIONS 2020 (1)</p> <p>☰ Enriched Cited References</p>	0	0	1	5	4	3.33	10
66	<p>Dynamic Clustering Mechanism to Avoid Congestion Control in Vehicular Ad Hoc Networks Based on Node Density</p> <p>Regin, R and Menakadevi, T</p> <p>Aug 2019 WIRELESS PERSONAL COMMUNICATIONS 107 (4) , pp.1911-1931</p>	0	0	4	2	3	2.5	10
67	<p>Spiral phase-change material for enhancing natural circulation solar water heater: An experimental study</p> <p>Murali, G and Mavilsamy, K</p> <p>2017 EXPERIMENTAL HEAT TRANSFER 30 (2) , pp.151-161</p>	3	2	1	2	1	1.67	10
68	<p>Influence of Y doping concentration on the properties of nanostructured MxZn1-xO (M=Y) thin film deposited by nebulizer spray pyrolysis technique</p> <p>Mariappan, R; Ponnuswamy, V; (...); Ragavendar, M</p> <p>Sep 2014 JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 75 (9) , pp.1033-1040</p>	1	3	0	1	2	1.11	10
69	<p>Reaction of a sterically hindered iron(III) porphyrin with peroxyacetic acid: degradation kinetics</p> <p>Prakash, P and Mary, LJE</p> <p>2005 JOURNAL OF THE SERBIAN CHEMICAL SOCIETY 70 (8-9) , pp.1105-1111</p>	0	0	0	0	0	0.56	10
70	<p>Sustainable use of biowaste for synthesis of silver nanoparticles and its incorporation into gelatin-based nanocomposite films for antimicrobial food packaging applications</p> <p>Kowsalya, E; MosaChristas, K; (...); Jaguline, CRI</p> <p>Mar 2021 JOURNAL OF FOOD PROCESS ENGINEERING 44 (3)</p> <p>☰ Enriched Cited References</p>	0	0	0	2	7	4.5	9
71	<p>Investigation of Structural, Optical and Antibacterial Activity of ZnS Nanoparticles</p> <p>Vijayan, S; Dash, CS; (...); Mariappan, R</p> <p>Nov 2021 Nov 2020 (Early Access) JOURNAL OF CLUSTER SCIENCE 32 (6) , pp.1601-1608</p> <p>☰ Enriched Cited References</p>	0	0	0	2	7	3	9
72	<p>Influence of Substrate Temperature on the Properties of Cobalt Oxide Thin Films Prepared by Nebulizer Spray Pyrolysis (NSP) Technique</p> <p>Manickam, M; Ponnuswamy, V; (...); Suresh, R</p> <p>Jul 2016 SILICON 8 (3) , pp.351-360</p>	0	3	2	0	4	1.29	9
73	<p>Development of Colburn j Factor and Fanning Friction Factor Correlations for Compact Surfaces of the Triangular Perforated Fins Using CFD</p> <p>Rao, RBS; Ranganath, G and Ranganayakulu, C</p> <p>2016 HEAT TRANSFER ENGINEERING 37 (2) , pp.150-161</p>	2	2	0	2	2	1.29	9
74	<p>Human-Computer Interaction on IoT-Based College Physical Education</p> <p>Che, Y; Sivaparthipan, CB and Daniel, JA</p> <p>Sep 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING</p> <p>☰ Enriched Cited References</p>	0	0	0	1	7	4	8
75	<p>A study on fractional differential equations using the fractional Fourier transform</p> <p>Hammachukiattikul, P; Mohanapriya, A; (...); Lim, CP</p>	0	0	3	5		2.67	8

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76	Enhanced secure sharing of PHR's in cloud using user usage based attribute based encryption and signature with keyword search Florence, ML and Suresh, D Nov 2019 CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 22, pp.13119-13130	0	1	1	3	3	2	8
77	Effects of CuO and Oxidant on the Morphology and Conducting Properties of PANI:CuO Hybrid Nanocomposites for Humidity Sensor Application Ashokan, S; Jayamurugan, P and Ponnuswamy, V Jan 2019 POLYMER SCIENCE SERIES B 61 (1), pp.86-97	0	2	0	3	3	2	8
78	Fuzzy-based fault-tolerant and instant synchronization routing technique in wireless sensor network for rapid transit system Raghunath, KMK and Thirukumar, S 2019 AUTOMATIKA 60 (5), pp.547-554	0	1	0	3	4	2	8
79	INFLUENCE OF STAINLESS-STEEL WIRE MESH ON THE MECHANICAL BEHAVIOUR IN A GLASS-FIBRE-REINFORCED EPOXY COMPOSITE Sakthivel, M and Vijayakumar, S May-jun 2017 MATERIALIN TEHNOLOGIJE 51 (3), pp.455-461	1	1	3	0	3	1.33	8
80	Brain tumour detection using discrete wavelet transform based medical image fusion Suriya, TSU and Rangarajan, P 2017 BIOMEDICAL RESEARCH-INDIA 28 (2), pp.684-688	1	1	1	2	1	1.33	8
81	Solvent effects on the kinetics of oxidation of 3-methyl-2,6-diphenyl-piperidin-4-one by pyridinium chlorochromate in aqueous organic medium Ramesh, V; Sumathy, M; (...); Elango, KP 2001 OXIDATION COMMUNICATIONS 24 (2), pp.241-247	0	0	0	0	0	0.36	8
82	Correlation analysis of reactivity in the oxidation of substituted aromatic anils by pyridinium fluorochromate Karthikeyan, G; Elango, KP and Karunakaran, K Oct 1997 JOURNAL OF THE INDIAN CHEMICAL SOCIETY 74 (10), pp.798-799	0	0	0	0	0	0.31	8
83	Kinetics of oxidation of phenoxyacetic acids by pyridinium hydrobromide perbromide Karunakaran, K and Elango, KP Feb 1996 JOURNAL OF PHYSICAL ORGANIC CHEMISTRY 9 (2), pp.105-110	0	0	0	0	0	0.3	8
84	IoT based smart and intelligent smart city energy optimization Chen, Z; Sivaparthipan, CB and Muthu, B Feb 2022 SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS 49  Enriched Cited References	0	0	0	0	7	7	7
85	Fetal health classification from cardiotocographic data using machine learning Mehbodniya, A; Lazar, AJP; (...); Sengan, S Jul 2022 Dec 2021 (Early Access) EXPERT SYSTEMS 39 (6)	0	0	0	0	7	3.5	7
86	Social media data analytics for business decision making system to competitive analysis Yang, J; Xiu, PS; (...); Muthu, B Jan 2022 Sep 2021 (Early Access) INFORMATION PROCESSING & MANAGEMENT 59 (1)	0	0	0	0	7	3.5	7
87	An improved distance-based ant colony optimization routing for vehicular ad hoc networks Ramamoorthy, R and Thangavelu, M	0	0	0	3	4	2.33	7


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88	Thermal hazardous evaluation of autocatalytic reaction of cumene hydroperoxide alone and mixed with products under isothermal and non-isothermal conditions Liu, SH; Yu, CF and Das, M Jun 2020 Nov 2019 (Early Access) JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY 140 (5) , pp.2325-2336	0	0	4	2	1	1.75	7
89	Comparative study of pure polyaniline with various oxidants by a template free method Ashokan, S; Ponnuswamy, V and Jayamurugan, P Feb 2015 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 30 , pp.494-501	1	1	0	1	0	0.88	7
90	DBSA doped polypyrrole blended with Poly(4-styrenesulfonic acid) by mechanical mixing Jayamurugan, P; Ponnuswamy, V; (...); Mariappan, R Dec 2014 MATERIALS SCIENCE-POLAND 32 (4) , pp.648-651	2	1	2	0	1	0.78	7
91	Electrochemical treatment of tannery effluent using a battery integrated DC-DC converter and solar PV power supply-An approach towards environment and energy management Iyappan, K; Basha, CA; (...); Begum, SN 2014 JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING 49 (10) , pp.1149-1162	2	1	1	3	0	0.78	7
92	Interactive free energy relationship on the oxidation of aromatic anils by phenyliodoso acetate Karunakaran, K; Nagarajan, S; (...); Elango, KP 1997 OXIDATION COMMUNICATIONS 20 (4) , pp.576-578	0	0	0	0	0	0.27	7
93	Organizational business intelligence and decision making using big data analytics Niu, YE; Ying, LM; (...); Sivaparthipan, CB Nov 2021 Aug 2021 (Early Access) INFORMATION PROCESSING & MANAGEMENT 58 (6)	0	0	0	1	5	3	6
94	Green synthesis, characterization and anxiolytic, sedative and hypnotic activity of pyrimidine based diazepine derivatives Chinnasamy, G; Subramani, K and Srinivasan, V 2017 BIOMEDICAL RESEARCH-INDIA 28 (2) , pp.525-531	0	2	0	1	0	1	6
95	Soxhlet extraction of Spirogyra sp. algae: an alternative fuel Konga, AK; Muchandi, AS and Ponnaiah, GP 2017 BIOFUELS-UK 8 (1) , pp.29-35	0	2	0	2	2	1	6
96	An Improved Fusion Technique for Medical Images Using Discrete Wavelet Transform Suriya, TSU and Rangarajan, P Jun 2016 JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS 6 (3) , pp.585-597	1	1	1	1	0	0.86	6
97	Poly(aniline-co-o-toluidine):poly(styrene sulfonic acid) nanocolloidal self assembled multilayer thin films as a hole transport layer in organic solar cells Manoharan, D; Chandrasekaran, J; (...); Jayamurugan, R Jun 2015 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING 34 , pp.382-389	0	1	0	0	0	0.75	6
98	An educational tool for enhanced mobile e-Learning for technical higher education using mobile devices for augmented reality Neffati, QS; Setiawan, R; (...); Sengan, S Jun 2021 Jan 2021 (Early Access) MICROPROCESSORS AND MICROSYSTEMS 83	0	0	0	4	1	2.5	5
99	Securing Personal Health Record System in Cloud Using User Adaptive Based Encryption Suresh, D and Florence, ML Jun 2019 JOURNAL OF MEDICAL SYSTEMS 43 (6)	0	0	0	2	3	1.25	5

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Ambika, S; Gopinath, S; (...); Paramasivan, P

Apr 2019 | JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM 32 (4) , pp.903-910

0	1	0	2	2	1.25	5
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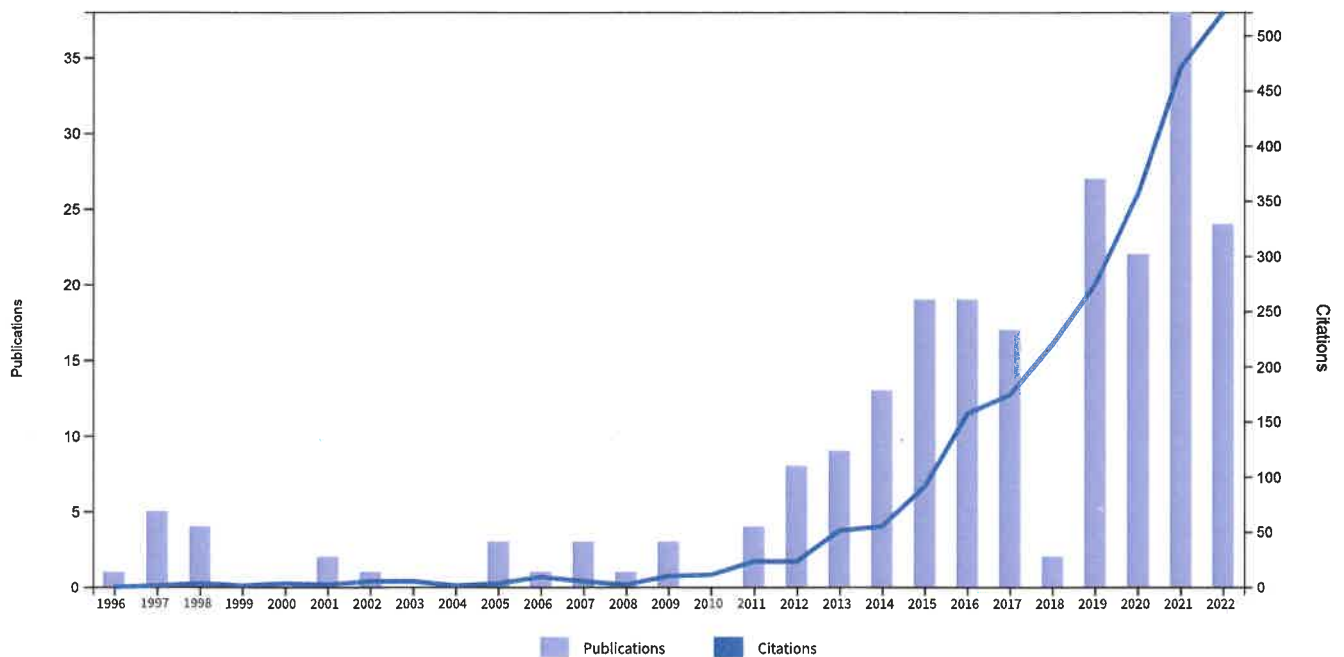
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	Total	220	274	356	471	521	95.69	2,488
101 Experimental investigation of cryogenically treated HSS tool in turning on AISI1045 using fuzzy logic - Taguchi approach Raja, P; Malayalamurthi, R and Sakthivel, M 2019 BULLETIN OF THE POLISH ACADEMY OF SCIENCES-TECHNICAL SCIENCES 67 (4), pp.687-696		0	0	1	3	1	1.25	5
102 Grey-fuzzy logic to optimise process parameters in drilling of glass fibre reinforced stainless steel mesh polymer composite Sakthivel, M; Vijayakumar, S and Jenarthanan, MP 2017 PIGMENT & RESIN TECHNOLOGY 46 (4), pp.276-285		0	3	1	1	0	0.83	5

103	User preference-based automatic orchestration of web services using a multi-agent Vaithyanathan, R and Govindharajan, TA Jul 2015 COMPUTERS & ELECTRICAL ENGINEERING 45 , pp.68-76	1	0	1	0	1	0.63	5
104	An Improved Direct Digital Synthesizer Using Hybrid Wave Pipelining and CORDIC algorithm for Software Defined Radio Madheswaran, M and Menakadevi, T Jun 2013 CIRCUITS SYSTEMS AND SIGNAL PROCESSING 32 (3) , pp.1219-1238	1	3	0	0	0	0.5	5
105	Spit Dynamics along the Central West Coast of India: Implications for Coastal Zone Management Hegde, VS ; Nayak, SR ; (...); Tejaswini, B Mar 2012 JOURNAL OF COASTAL RESEARCH 28 (2) , pp.505-510	0	0	1	1	1	0.45	5
106	Prediction of solidification time during solidification of aluminum base alloy castings cast in CO2-sand mold Kulkarni, SN and Radhakrishna, K Nov 2007 INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY 34 (11-12) , pp.1098-1110	0	0	0	1	0	0.31	5
107	An insight-A statistical investigation of consolidated bioprocessing of Allium ascalonicum leaves to ethanol using Hangateiclostridium thermocellum KSMK1203 and synthetic consortium Kavitha, S ; Gajendran, T ; (...); Jeevitha, S Mar 2022 RENEWABLE ENERGY 187 , pp.403-416	0	0	0	0	3	4	4
108	Hyers-Ulam-Mittag-Leffler stability of fractional differential equations with two caputo derivative using fractional fourier transform Ganesh, A ; Deepa, S ; (...); Ali, R 2022 AIMS MATHEMATICS 7 (2) , pp.1791-1810	0	0	0	0	3	4	4
109	Influence of silicon carbide mixed used engine oil dielectric fluid on EDM characteristics of AA7075/SiCp/B4Cp hybrid composites Iyyappan, SG ; Sudhakarapandian, R and Sakthivel, M Aug 2021 MATERIALS RESEARCH EXPRESS 8 (8)	0	0	0	0	4	2	4
	Enriched Cited References							
110	Importance of implementing smart renewable energy system using heuristic neural decision support system Jiang, D ; Zhu, W ; (...); Seetharam, TG Jun 2021 Mar 2021 (Early Access) SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS 45	0	0	0	0	4	2	4
	Enriched Cited References							
111	A novel clustering technique to stop congestion occur vehicular ad-hoc networks using node density based on received signal strength Regin, R and Menakadevi, T Jul 2021 Jul 2020 (Early Access) PEER-TO-PEER NETWORKING AND APPLICATIONS 14 (4) , pp.2361-2371	0	0	0	2	2	1.33	4
112	Bit-swapping linear feedback shift register (LFSR) for power reduction using pre-charged XOR with multiplexer technique in built in self-test Murugan, SV and Sathiyabhama, B Jun 2021 Jun 2020 (Early Access) JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING 12 (6) , pp.6367-6373	0	0	0	1	3	1.33	4
113	Synthesis and biological activities of nitro-hydroxy-phenylquinolines; validation of antibiotics effect over DNA gyrase inhibition and antimicrobial activity Bilavendran, JD ; Manikandan, A ; (...); Sivakumar, K	0	0	0	4	0	1.33	4



114	Optimization of drilling parameters for fiber metal mesh laminate composites using Grey relational analysis Sakthivel, M and Vijayakumar, S Jul 2016 MATERIALS TESTING 58 (7-8), pp.622-631	0	1	1	0	1	0.57	4
115	An Ontology Based Methodology for Satellite Data Semantic Interoperability Abburu, S; Dube, N; (...); Golla, SB 2015 ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING 15 (3), pp.105-110	0	0	1	1	2	0.5	4
116	Optical, thermal and morphological properties of PANI/P2O5 composites Ponnuswamy, V; Ashokan, S; (...); Rao, YVS 2015 OPTIK 126 (1), pp.19-23	0	0	0	1	1	0.5	4
117	Feed-Forward Back-Propagation Neural Network for the Electro-oxidation of Distillery Effluent Manokaran, P; Saravanamizhan, B; (...); Kannadasan, T 2014 CHEMICAL ENGINEERING COMMUNICATIONS 201 (10), pp.1404-1416	1	1	0	0	1	0.44	4
118	Development of a new method for diagnosis of Group B Coxsackie genome by reverse transcription loop-mediated isothermal amplification Jaijanand, K; Saravanan, N; (...); Sheriff, AK Apr-jun 2011 INDIAN JOURNAL OF MEDICAL MICROBIOLOGY 29 (2), pp.110-117	0	0	0	0	1	0.33	4
119	Interactive free energy relationship on the kinetics of oxidation of benzal methylphenyl sulphides by pyridinium hydrobromide perbromide Karunakaran, K 1998 OXIDATION COMMUNICATIONS 21 (4), pp.519-525	0	0	0	0	0	0.16	4
120	Kinetics of ruthenium(III)-catalyzed oxidation of arylthioacetic acids by Ce(IV) Karunakaran, K and Elango, KP Nov 1997 REACTION KINETICS AND CATALYSIS LETTERS 62 (2), pp.353-358	0	0	1	0	0	0.15	4
121	Mittag-Leffler-Hyers-Ulam Stability of Delay Fractional Differential Equation via Fractional Fourier Transform Ganesh, A; Govindan, V; (...); Park, C Dec 2021 RESULTS IN MATHEMATICS 76 (4)	0	0	0	0	3	1.5	3
122	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks Vignesh, CC; Sivaparthipan, CB; (...); Anand, MB Aug 2021 Mar 2021 (Early Access) WIRELESS PERSONAL COMMUNICATIONS 119 (4), pp.3255-3270	0	0	0	2	1	1.5	3
123	Thermal safety assessment for solid organic peroxides Liu, SH; Wang, YB; (...); Das, M Nov 2020 JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES 68	0	0	0	1	2	1	3
124	Mittag-Leffler-Hyers-Ulam stability of differential equation using Fourier transform Mohanapriya, A; Park, C; (...); Govindan, V Jul 31 2020 ADVANCES IN DIFFERENCE EQUATIONS 2020 (1)	0	0	1	1	1	1	3
125	Dyadic product and crow lion algorithm based coefficient generation for privacy protection on cloud George, A and Sumathi, A	0	0	2	1	0	0.75	3



126	Evaluation of metal-mould interfacial heat transfer during the solidification of aluminium-4.5% copper alloy castings cast in CO ₂ -sand moulds Kulkarni, SN and Radhakrishna, K 2005 MATERIALS SCIENCE-POLAND 23 (3), pp.821-838	0	0	2	0	0	0.17	3		
127	Kinetics of oxidation of phenoxyacetic acids by quinolinium fluorochromate Karunakaran, K May 1996 POLISH JOURNAL OF CHEMISTRY 72 (5), pp.916-924	0	0	0	0	0	0.12	3		
128	Kinetics and mechanism of oxidation of benzal methylphenyl sulphides by vanadium(V) Karunakaran, K and Elango, KP Apr 1997 JOURNAL OF THE INDIAN CHEMICAL SOCIETY 74 (4), pp.299-301	0	0	0	0	0	0.12	3		
129	HOFT-MP: A Multipath Routing Algorithm Using Hybrid Optimal Fault Tolerant System for WSNs Using Optimization Techniques Gurupriya, M and Sumathi, A Dec 2022 May 2022 (Early Access) NEURAL PROCESSING LETTERS 54 (6), pp.5099-5124 ☰ Enriched Cited References	0	0	0	0	2	2	2		
130	Interactive teaching using human-machine interaction for higher education systems Shang, HP; Sivaparthipan, CB and ThanjaiVadivel May 2022 COMPUTERS & ELECTRICAL ENGINEERING 100	0	0	0	0	2	2	2		
226 Publications		Citations								
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Apr 2022 Dec 2021 (Early Access) COMPUTATIONAL INTELLIGENCE 38 (2), pp.308-322		0	0	0	0	2				
132	An integrated approach for sustainable development of wastewater treatment and management system using IoT in smart cities Karn, AJ; Pandya, S; (...); Sengan, S Sep 2021 (Early Access) SOFT COMPUTING	0	0	0	0	2	1	2		
133	Surface improved agro-based material for the effective separation of toxic Ni(II) ions from aquatic environment Saravanan, A; Kumar, PS; (...); George, CS Nov 2021 Jun 2021 (Early Access) CHEMOSPHERE 283	0	0	0	1	1	1	2		
134	Cloud-assisted Parkinson disease identification system for remote patient monitoring and diagnosis in the smart healthcare applications Harimoorthy, K and Thangavelu, M Nov 10 2021 Jun 2021 (Early Access) CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE 33 (21)	0	0	0	0	2	1	2		
135	Encrypted Network Traffic Classification and Resource Allocation with Deep Learning in Software Defined Network Setiawan, B; Ganga, RB; (...); Sengan, S Mar 2021 (Early Access) WIRELESS PERSONAL COMMUNICATIONS	0	0	0	1	1	1	2		
136	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies Velu, A and Thangavelu, M Apr 2021 Mar 2021 (Early Access) WIRELESS PERSONAL COMMUNICATIONS 117 (4), pp.3527-3561	0	0	0	0	2	1	2		

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137	Optimal Feature Selection for the Classification of Hyperspectral Imagery Using Adaptive Spectral-Spatial Clustering Chidambaram, S and Sumathi, A Oct 2020 INTERNATIONAL JOURNAL OF PARALLEL PROGRAMMING 48 (5), pp.813-832	0	0	1	0	1	0.67	2
138	Effect of rubber ash on mechanical properties of Al6061 based hybrid FGMMC Madhu, B; Ranganath, G and Konga, A Sep 2020 MATERIALS RESEARCH EXPRESS 7 (9)	0	0	0	0	2	0.67	2
139	Mechanical properties of engineered cementitious composites developed with silica fume Arivusudar, N and Babu, SS Jul-aug 2020 CEMENT WAPNO BETON 25 (4), pp.282-291	0	0	0	2	0	0.67	2
140	Performance of ground granulated blast-furnace slag based engineered cementitious composites Arivusudar, N and Babu, SS Mar-apr 2020 CEMENT WAPNO BETON 25 (2), pp.95-103	0	0	0	1	1	0.67	2
141	Synthesis of Mesoporous Silicon with Uniform Pore Size Using the Ashes of Husks from Panicum Miliare Millet: A Novel Recyclable Bio-waste Srinivasan, V; Kullagounder, S; (...); Thiraviyam, S Oct 2019 SILICON 11 (5), pp.2345-2351	0	1	1	0	0	0.5	2
142	Wear behavior of sansevieria cylindrica and E-glass reinforced polyester composites Sakthivel, M; Srinivasan, K and Kumar, AGG Mar 2019 MATERIALS TESTING 61 (3), pp.239-242	0	0	0	2	0	0.5	2
143	Trust based resource selection with optimization technique Kumar, ES and Vengatesan, K Jan 2019 CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 22, pp.207-213	0	0	1	1	0	0.5	2
144	DRYING OF MINT LEAVES IN FORCED CONVECTION SOLAR DRYER Suresh, M; Palanisamy, P and Senthil Kumar, K 2019 THERMAL SCIENCE 23 (6), pp.3941-3949	0	0	0	1	1	0.5	2
145	Effects of deep cryo treatment of high speed steel on the turning process of a medium carbon steel Raja, P and Malayalamurthi, R Sep 2017 MATERIALS TESTING 59 (9), pp.763-768	0	0	0	2	0	0.33	2
146	Biodegradation of formaldehyde using Bacillus subtilis in batch process Ezhilkumar, P; Sivakumar, VM; (...); Thirumarimurugan, M 2017 INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY 55 (1-3), pp.296-307	0	1	1	0	0	0.33	2
147	A study on performance of 3D RC frames with masonry in-fill under dynamic loading conditions Srinivasan, R; Babu, SS and Itti, SV Jan 2017 KSCE JOURNAL OF CIVIL ENGINEERING 21 (1), pp.322-328	0	0	2	0	0	0.33	2
148	SYSTEM MODELING AND EVALUATION ON FACTORS INFLUENCING POWER PERFORMANCE MANAGEMENT OF CLOUD LOAD BALANCING ALGORITHMS	0	0	0	0	0	0.29	2

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	<p>Suresh, S and Sakthivel, S Nov 1 2016 JOURNAL OF WEB ENGINEERING 15 (5-6), pp.484-500</p>							
149	<p>Enhanced Fuzzy C-Means Clustering with Optimization of Support Vector Regression for Imputation of Medical Database Thirukumar, S and Sumathi, A Nov 2016 JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS 6 (7), pp.1612-1616</p>	1	0	0	1	0	0.29	2
150	<p>A Hybrid Ant Colony Optimization Algorithm for Job Scheduling In Computational Grids Kumar, ES; Sumathi, A and Zubar, HA Jul 2015 JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH 74 (7), pp.377-380</p>	0	0	1	0	0	0.25	2

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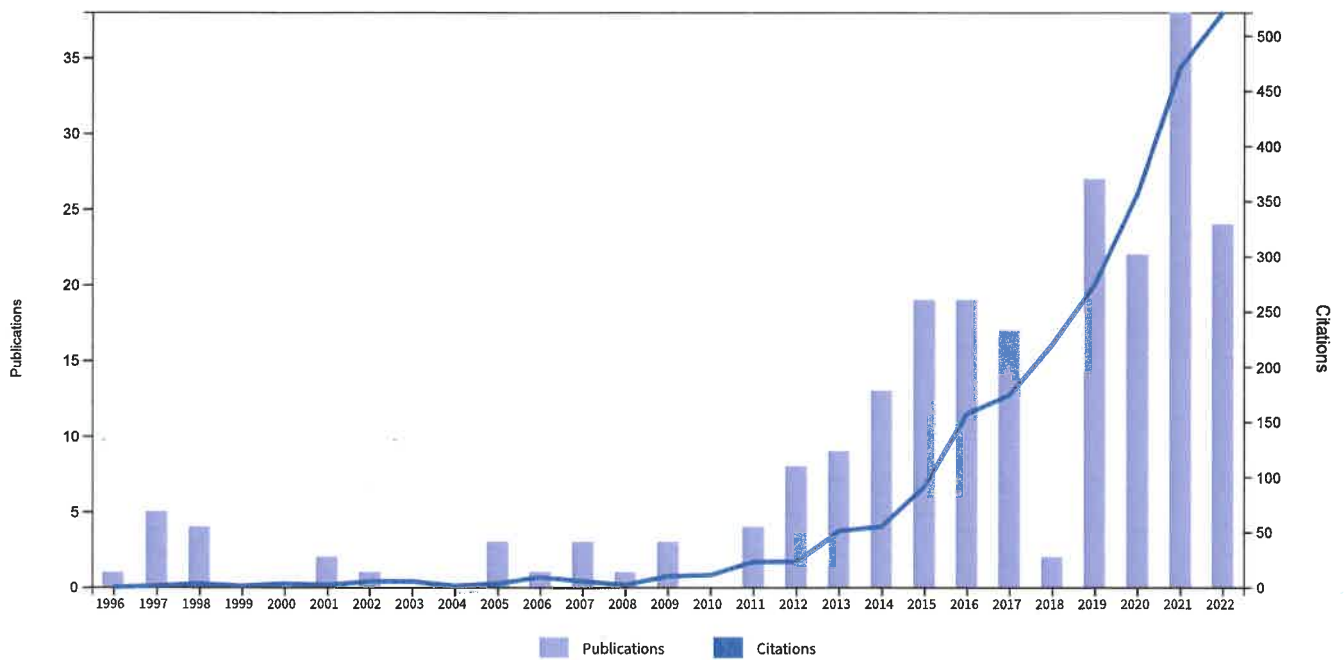
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151 Growth and characterization of L-alanine admixed urea single crystal Jayaprakash, RN and Sundaramoorthi, P 2015 OPTIK 126 (23), pp.3570-3573		0	1	1	0	0	0.25	2
152 Fabrication and characteristics study of ITO/DBSA/PSS/PPY/Al SCHOTTKY junction diode Jayamurugan, P; Ponnuswamy, VG; (...); Rao, VS Jul 2014 JOURNAL OF POLYMER ENGINEERING 34 (5), pp.471-475		0	0	0	1	0	0.22	2
		0	0	0	0	1	0.2	



153	Magnetic Flux Alignment Studies on Entrapped Ferrofluid Nanoparticles in Poly Vinyl Alcohol Matrix Jeyasubramanian, K; Selvakumar, N; (...); Sahoo, SK Oct 2013 JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY 29 (10), pp.903-908										
154	Kinetics and Mechanism of the Oxidation of 4-Oxo-4-arylbutanoic Acids by N-bromophthalimide in Aqueous Acetic Acid Medium Farook, NAM; Alhaji, NMI; (...); Begam, MA Jul 2013 JOURNAL OF SOLUTION CHEMISTRY 42 (6), pp.1183-1193	0	1	0	0	0	0.2	2			
155	Effects of heat and mass transfer on nonlinear magneto-hydrodynamic boundary layer flow of rheological damper fluid through annular duct Babu, S and Sambhaji, SK Nov 2012 JOURNAL OF VIBRATION AND CONTROL 18 (13), pp.2085-2092	0	0	0	0	0	0.18	2			
156	Effect of reinforcing phase inherited from another composite on the mechanical properties of cast magnesium base composite Shivalingappa, D; Daniel, BSS and Ray, S Apr 15 2012 MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING 541, pp.172-180	0	0	0	0	0	0.18	2			
157	Cytochrome P-450 model reactions: Reaction of an iron porphyrin complex with Oxone (R) Prakash, P and Mary, L J F 2005 OXIDATION COMMUNICATIONS 28 (4), pp.983-989	0	0	0	0	0	0.11	2			
158	Efficient routing and performance amelioration using Hybrid Diffusion Clustering Scheme in heterogeneous wireless sensor network Manoharan, G and Sumathi, A Oct 2022 Jul 2022 (Early Access) INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS 35 (15)  Enriched Cited References	0	0	0	0	1	1	1			
159	Investigative calorimetric studies and kinetic parameters estimation using analytical methods for self-reactive hazardous chemicals in a chemical manufacturing plant Liu, SH; Wang, WT; (...); Wang, YR May 2022 JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES 76	0	0	0	0	1	1	1			
160	An enhanced distance and residual energy-based congestion aware ant colony optimization routing for vehicular ad hoc networks Ramamoorthy, R and Thangavelu, M Jul 25 2022 Apr 2022 (Early Access) INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS 35 (11)  Enriched Cited References	0	0	0	0	1	1	1			
161	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals Saidani, O; Manoharan, RB; (...); Segan, S Sep 2022 Jan 2022 (Early Access) EARTH SCIENCE INFORMATICS 15 (3), pp.1527-1544	0	0	0	0	1	1	1			
162	Ontology Based Ocean Knowledge Representation for Semantic Information Retrieval Velu, A and Thangavelu, M 2022 CMC-COMPUTERS MATERIALS & CONTINUA 70 (3), pp.4707-4724  Enriched Cited References	0	0	0	0	1	1	1			
163	Context-Aware Evaluation of HCI Systems for Transportation Lu, Y; Liu, J; (...); Marimuthu, K Sep 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	0	0	0	0	1	0	0.5	1		



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164	<p>Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning</p> <p>Zhao, CH; Muthu, B and Shakeel, PM Sep 2021 ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING 20 (5)</p> <p>☰ Enriched Cited References</p>	0	0	0	0	1	0.5	1	
165	<p>Bio-inspired algorithms for industrial robot control using deep learning methods</p> <p>Guan, JW; Su, YZ; (...); Muthu, B Oct 2021 Aug 2021 (Early Access) SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS 47</p>	0	0	0	0	0	0.5	1	
166	<p>Machine Learning-Based Holistic Privacy Decentralized Framework for Big Data Security and Privacy in Smart City</p> <p>Zhang, YJ; Alazab, M and Muthu, B Aug 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING</p>	0	0	0	0	1	0.5	1	
167	<p>Design of Internet of Things and big data analytics-based disaster risk management</p> <p>Zhou, L; Huang, HQ; (...); Sivaparthipan, CB Sep 2021 Jul 2021 (Early Access) SOFT COMPUTING 25 (18), pp.12415-12427</p>	0	0	0	0	1	0.5	1	
168	<p>Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT</p> <p>Narayanasami, S; Sengan, S; (...); Sharma, DK Jul 2021 (Early Access) WIRELESS PERSONAL COMMUNICATIONS</p> <p>☰ Enriched Cited References</p>	0	0	0	1	0	0.5	1	
169	<p>Group Based Dual Mode Key Management Scheme for Secure Communication in Vehicular Ad Hoc Networks</p> <p>Ramamoorthy, B and Thangavelu, M Sep 2021 Apr 2021 (Early Access) WIRELESS PERSONAL COMMUNICATIONS 120 (2), pp.949-973</p> <p>☰ Enriched Cited References</p>	0	0	0	0	1	0.5	1	
170	<p>Analysis of physical health with internet of things-based computational narrowband physical health framework</p> <p>Zhu, YC; Sivaparthipan, CB and Vinothraj, V 2021 TECHNOLOGY AND HEALTH CARE 29 (6), pp.1217-1231</p> <p>☰ Enriched Cited References</p>	0	0	0	0	1	0.5	1	
171	<p>Effect of dopant concentration on polyaniline/poly(4-styrene sulfonic acid) composite for ammonia gas detection</p> <p>Jayamurugan, P; Mariappan, R; (...); Rao, YVS Oct 2020 POLYMERS & POLYMER COMPOSITES 28 (8-9), pp.645-653</p> <p>☰ Enriched Cited References</p>	0	0	0	1	0	0.33	1	
172	<p>Low area ASIC implementation of LUT-CLA-QTL architecture for cryptography applications</p> <p>Balamananandan, A and Krishnamoorthi, K May 2020 WIRELESS NETWORKS 26 (4), pp.2681-2693</p>	0	0	0	1	0	0.33	1	
173	<p>Optimization of high-speed turning parameters for Inconel 713C based on Taguchi relational analysis</p> <p>Parthiban, V; Vijayakumar, S and Sakthivel, M Sep 2019 TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING 43 (3), pp.416-430</p>	0	0	0	0	1	0	0.25	1
	An Improved video coding algorithm for deep learning-based video transmission using HEVC	0	0	0	1	0	0.25		?


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174	Srinivasan, A and Rohini, G Sep 2019 SOFT COMPUTING 23 (18), pp.8503-8514								
175	Mechanical properties, degradation and flue gas analysis of basalt and glass fiber reinforced recycled polypropylene Sakthivel, M; Jenarthanan, M and Raja, P Jun 2019 MATERIALS TESTING 61 (6), pp.579-583	0	0	0	0	1	0.25	1	
176	STABILITY OF FRACTIONAL DIFFERENTIAL EQUATION WITH BOUNDARY CONDITIONS Rajan, S; Muniyappan, P; (...); Lee, JR Oct 15 2017 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS 23 (4), pp.750-757	0	1	0	0	0	0.17	1	
177	Isolation and growth optimisation of fresh water microalgae <i>Asterarcys quadricellulare</i> Karthikeyan, S and Thirumarimurugan, M 2017 INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY 55 (1-3), pp.254-271	0	0	0	1	0	0.17	1	
178	A Framework for Automated Content Based Medical Image Queries in Grid Kumar, ES; Madhusudhanan, B and Gao, XZ 2017 INTELLIGENT AUTOMATION AND SOFT COMPUTING 23 (2), pp.337-343	0	1	0	0	0	0.17	1	
179	Poly (AMPS-co-IA) hydrogels playing dual role: acidity regulator and adsorbent for Cr(VI) adsorption Srinivasan, V; Kumar, S; (...); Srinivasan, S 2017 BIOMEDICAL RESEARCH-INDIA 28 (1), pp.23-31	0	0	1	0	0	0.17	1	
180	Satellite Parametric Description to Ontology Concepts and Semantic Classification of Satellite Data Abburu, S and Dube, N Apr-jun 2016 INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS 12 (2), pp.53-75	0	0	1	0	0	0.14	1	
181	Clown fish queuing and switching optimization algorithm for brain tumor segmentation. Christ, MCJ and Subramanian, R 2016 BIOMEDICAL RESEARCH-INDIA 27 (1), pp.65-69	0	0	1	0	0	0.14	1	
182	Simulation Analysis and Material Optimization of an Aircraft Wing Leading Edge When Subjected to an Artificial Bird Strike Srinivasan, K; Channankalah and Johnson, GP Sep 2015 JOURNAL OF COMPUTATIONAL AND NONLINEAR DYNAMICS 10 (5)	0	0	1	0	0	0.13	1	
183	PPy Doped with DBSA and Combined with PSS to Improve Processability and Control the Morphology Jayamurugan, P; Ponnuswamy, V; (...); Mahalingam, T Jul 2015 INTERNATIONAL POLYMER PROCESSING 30 (3), pp.422-427	0	0	0	0	0	0.13	1	
184	Biosynthesis and Characterization of Biodiesel from Cottonseed Oil Using <i>Pseudomonas fluorescences</i> Lipase and the Performance of its Blend (B20) in diesel Engine Karuppasamy, K; Abu-Thaheer, AS and Basha, CA Jun 2013 CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY 27 (2), pp.157-166	0	0	0	0	0	0.1	1	
185	Adsorption of Enantiomers on Metal Surfaces: Application to D- and L-Alanine on Cu-Mn-Zn Electrodes Harinipriya, S; Sudha, V; (...); Malar, FJP 2013 JOURNAL OF THE ELECTROCHEMICAL SOCIETY 160 (8), pp.G102-G110	0	0	1	0	0	0.1	1	
		0	0	1	0	0	0.1		?


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186	Effect of Forging Parameters on Low Cycle Fatigue Behaviour of Al/Basalt Short Fiber Metal Matrix Composites Karthigeyan, R and Ranganath, G SCIENTIFIC WORLD JOURNAL																
187	Biodecolorization of a persistent organic dye from model wastewater using <i>Curvularia</i> spp Senthilkumar, S; Perumalsamy, M; (...); Prabhu, HJ Aug 2012 DESALINATION AND WATER TREATMENT 46 (1-3), pp.272-277	0	0	0	0	0	0	0	0	0	0.09	1					
188	Experimental studies of thermo-mechanical treatment on conventionally melted high nitrogen martensitic stainless steel Válasamudram, V; Nazirudeen, SSM; (...); Thenmozhi, KP 2008 ANTI-CORROSION METHODS AND MATERIALS 55 (2), pp.73-78	0	0	0	0	0	0	0	0	0	0.07	1					
189	Interactive free energy relationship on the oxidation of aromatic anils by pyridinium chlorochromate Karanakaran, K and Elango, KP May 1998 JOURNAL OF THE INDIAN CHEMICAL SOCIETY 75 (5), pp.319-320	0	0	0	0	0	0	0	0	0	0.04	1					
190	Synthesis chemical methods for deposition of ZnO, CdO and CdZnO thin films to facilitate further research Amudhavalli, B; Mariappan, B and Prasath, M Dec 5 2022 JOURNAL OF ALLOYS AND COMPOUNDS 925	0	0	0	0	0	0	0	0	0	0	0					
191	Silica nanoparticles derived from <i>Arundo donax</i> L. ash composite with Titanium dioxide nanoparticles as an efficient nanocomposite for photocatalytic degradation dye Easwaran, G; Packialakshmi, JS; (...); Lee, JT Nov 2022 CHEMOSPHERE 307	0	0	0	0	0	0	0	0	0	0	0					
192	Zinc Oxide Nanoparticles Decorated on <i>Arundo donax</i> L. Plant Leaves Derived Silica Nanosheets for Enriched Catalytic Degradation of Organic Dye Under UV-Visible Light Irradiation Easwaran, G; Vijayan, M; (...); Palanisamy, G Sep 2022 (Early Access) SILICON  Enriched Cited References	0	0	0	0	0	0	0	0	0	0	0					
193	Energetic two-dimensional g-C3N4 nanosheets combined with ZnO nanoparticles as effectual catalyst for degradation of MB dye under UV-Visible-light irradiation Vijayan, M; Easwaran, G; (...); Bhuvanewari, K Nov 2022 Sep 2022 (Early Access) JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 33 (31), pp.24340-24353  Enriched Cited References	0	0	0	0	0	0	0	0	0	0	0					
194	Investigation and Process Parameter Optimization on Wire Electric Discharge Machining of Aluminium 6082 Alloy Murali, G; Murugan, M; (...); Prabhakar, S Sep 24 2022 ADVANCES IN MATERIALS SCIENCE AND ENGINEERING 2022  Enriched Cited References	0	0	0	0	0	0	0	0	0	0	0					

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Blockchain Assisted Disease Identification of COVID-19 Patients with the Help of IDA-DNN Classifier

196 [Sivaparthipan, CB; Muthu, BA; \(...\); Diaz, VG](#)

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☰ Enriched Cited References

<p>⊖ 197</p> <p>Ocean knowledge representation through integration of big data employing semantic web technologies</p> <p>Velu, A and Thangavelu, M</p> <p>Sep 2022 May 2022 (Early Access) EARTH SCIENCE INFORMATICS 15 (3) , pp.1563-1585</p>	0	0	0	0	0	0	0	0	0
<p>⊖ 198</p> <p>Human machine interaction-assisted smart educational system for rural children</p> <p>Wei, N; Yang, E; (...); Shanthini, A</p> <p>Apr 2022 COMPUTERS & ELECTRICAL ENGINEERING 99</p>	0	0	0	0	0	0	0	0	0
<p>⊖ 199</p> <p>Musa acuminata nanoemulgel: formulation, in vitro kinetics and antimicrobial studies</p> <p>Veeramani, G; Murugaiyan, SV and Marimuthu, T</p> <p>Feb 3 2022 BIOINSPIRED BIOMIMETIC AND NANOBIMATERIALS 11 (1) , pp.1-9</p> <p>☰ Enriched Cited References</p>	0	0	0	0	0	0	0	0	0
<p>⊖ 200</p> <p>Preparation and characterization of hydroxyapatite from portunus sanguinolentus crab shell</p> <p>Rohan, J; Thenmuhil, D; (...); Varatharajan, D</p> <p>Feb 2022 JOURNAL OF CERAMIC PROCESSING RESEARCH 23 (1) , pp.22-28</p>	0	0	0	0	0	0	0	0	0

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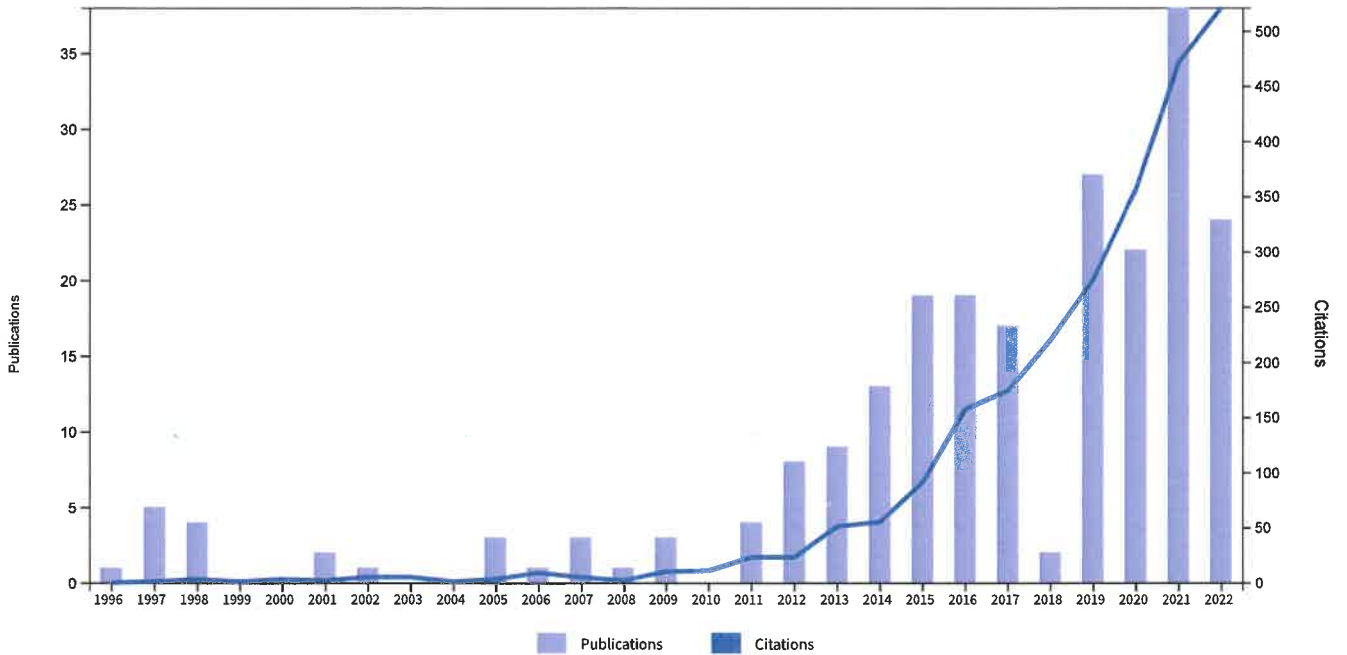
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	Total	220	274	356	471	521	95.69	2,488
201 Design of efficient location-based multipath self-adaptive balancer router using particle swarm optimization in wireless sensor network Sakthivel, S; Manikandan, M and Vivekanandhan, V Mar 10 2022 Jan 2022 (Early Access) INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS 35 (4)	0	0	0	0	0	0	0	0
202 Facile NMI-MsCl mediated synthesis of novel pyrazole derivatives bearing heteroaryl amides as potent antimicrobial agents Udhayasurian, R and Sivakumar, K 2022 ARKIVOC , pp.147-158	0	0	0	0	0	0	0	0




203	Degradation of formaldehyde from wastewater by batch re-circulation process using a photocatalytic reactor Ezhilkumar, P; Sivakumar, VM and Thirumarimurugan, M Dec 2021 DESALINATION AND WATER TREATMENT 243 , pp.206-210	0	0	0	0	0	0
204	Extensive Classification of Visual Art Paintings for Enhancing Education System using Hybrid SVM-ANN with Sparse Metric Learning based on Kernel Regression Xu, F; Wu, T; (...); Samuel, RDJ Dec 2021 INTERNATIONAL JOURNAL OF INTERACTIVE MULTIMEDIA AND ARTIFICIAL INTELLIGENCE 7 (2) , pp.224-231	0	0	0	0	0	0
205	Context-Aware Evaluation of HCI Systems for Transportation in Urban Areas (Sep, 10.1007/s13369-021-05986-w, 2021) Lu, Y; Liu, J; (...); Marimuthu, K Oct 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	0	0	0	0	0	0
206	Deep Learning-Assisted Heuristic Data Management in the E-Commerce Recommendation System Shi, PU; Muthu, BA and Sivaparthipan, CB Oct 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING Enriched Cited References	0	0	0	0	0	0
207	Mobility speed prediction using ARIMA and RNN for random walk mobility model in mobile ad hoc networks Theerthagiri, P and Thangavelu, M Feb 15 2022 Sep 2021 (Early Access) CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE 34 (4)	0	0	0	0	0	0
208	An influence of temperature on structural, morphological, thermal, optical and photoluminescence properties of LaPO4 nanoparticles Priya, B; Mariappan, B; (...); Shkir, M Dec 2021 Sep 2021 (Early Access) OPTIK 247 Enriched Cited References	0	0	0	0	0	0
209	Utilizing Index-Based Periodic High Utility Mining to Study Frequent Itemsets Setiawan, B; Le, DN; (...); Sengan, S Jul 2021 (Early Access) ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	0	0	0	0	0	0
210	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach Yang, JJ; Sivaparthipan, CB and Muthu, B Sep 2021 Jul 2021 (Early Access) SOFT COMPUTING 25 (18) , pp.12439-12451	0	0	0	0	0	0
211	Corrosion rate and surface hardness optimization in wire electrical discharge machining of AISI A2 tool steel in various conductive states and mediums Kurucheti, SKR; Ranganath, G; (...); Jose, SH Jul 2021 MATERIALS RESEARCH EXPRESS 8 (7) Enriched Cited References	0	0	0	0	0	0
212	Frontiers in Telemedicine and Internet of Things in Health Monitoring Balamurugan, S; Muthu, B; (...); Abd Wahab, MH 2021 TECHNOLOGY AND HEALTH CARE 29 (6) , pp.1183-1185	0	0	0	0	0	0
213	Application of artificial intelligence to predict flow assisted corrosion in power plant Kulkarni, H; Bhangre, V; (...); Mathpati, CS Sep 2020 INDIAN JOURNAL OF CHEMICAL TECHNOLOGY 27 (5) , pp.418-423	0	0	0	0	0	0

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214	ZnO-rGO nanocomposite as high-performance photocatalyst in dye degradation Kumaran, V; Hariharan, N; (...); Ponnaiah, G Sep 2020 INDIAN JOURNAL OF CHEMICAL TECHNOLOGY 27 (5), pp.424-429	0	0	0	0	0	0	0																			
215	A modified approach for the synthesis of biologically relevant 5-substituted-2-N-aryl-1,3-oxazole derivatives in mild conditions Udhayasurian, R; Sivakumar, K; (...); Joy, MN Jan 1 2020 JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE 14 (1), pp.807-811	0	0	0	0	0	0	0																			
216	Memory Efficient High Speed Systolic Array Architecture Design with Multiplexed Distributed Arithmetic for 2D DTCWT Computation on FPGA Poornima, B; Sumathi, A and Raj, PCP Sep 2019 INFORMACIJE MIJEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MATERIALS 49 (3), pp.119-132	0	0	0	0	0	0	0																			
217	Performance based algorithms for video bit transmissions Srinivasan, A and Rohini, G Aug 2019 COGNITIVE SYSTEMS RESEARCH 56, pp.179-191	0	0	0	0	0	0	0																			
218	An area-efficient FFT processor for the OFDMA transceiver communication system Nirmala, N and Sumathi, S	0	0	0	0	0	0	0																			
<p>226 Publications Sort by: Citations: highest first ▾ < 5 of 5 ></p> <p>Jul 25 2019 CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE 31 (14)</p> <p>Enriched Cited References</p>		<p style="text-align: center;">Citations</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">< Previous year</th> <th colspan="3" style="text-align: right;">Next year ></th> <th rowspan="2">Average per year</th> <th rowspan="2">Total</th> </tr> <tr> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>							< Previous year		Next year >			Average per year	Total	2018	2019	2020	2021	2022	0	0	0	0	0		
< Previous year		Next year >			Average per year	Total																					
2018	2019	2020	2021	2022																							
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220	Implementation of high speed and area efficient MAC unit for industrial applications Nagaraju, N and Ramesh, SM Mar 2019 CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 22 (2), pp.S4511-S4517	0	0	0	0	0	0	0																			
221	STABILITY OF A CLASS OF FRACTIONAL INTEGRO-DIFFERENTIAL EQUATION Palaniappan, M and Subbarayan, R 2019 FIXED POINT THEORY 20 (2), pp.591-600	0	0	0	0	0	0	0																			
222	Study of traffic noise in urban street canyons of Bengaluru city Koti, H; Ranganath, G and Rajakumara, HN Mar 25 2016 CURRENT SCIENCE 110 (6), pp.1072-1078	0	0	0	0	0	0	0																			
223	Optical, thermal and morphological properties of PANI/P2O5 composites (vol 126, pg 19, 2015) Ponnuswamy, V; Ashokan, S; (...); Rao, YVS 2015 OPTIK 126 (4), pp.472-472	0	0	0	0	0	0	0																			
224	On applications of Jung-Kim-Srivastava integral operator to a subclass of starlike functions with negative coefficients Murugusundaramoorthy, G and Magesh, N Apr 2007 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS 9 (2), pp.221-232	0	0	0	0	0	0	0																			
225	Computation of solidification of Al-4.5% Cu alloy casting cast in CO2 Kulkarni, SN and Radhakrishna, K	0	0	0	0	0	0	0																			


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Kinetics of oxidation of thiodiglycolic acid by (trans-cyclohexane-1,2-diamine-N,N',N'-tetraacetato)-manganate(III)

Elango, KP and Karunakaran, K

1997 | OXIDATION COMMUNICATIONS 20 (2) , pp.243-247

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