

Ankur Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,175
citations

430874

18
h-index

414414

32
g-index

56
all docs

56
docs citations

56
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor symptoms in Parkinson's disease: A unified framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 727-740.	6.1	231
2	A lightweight anonymous user authentication and key establishment scheme for wearable devices. <i>Computer Networks</i> , 2019, 149, 29-42.	5.1	98
3	MIFH: A Machine Intelligence Framework for Heart Disease Diagnosis. <i>IEEE Access</i> , 2020, 8, 14659-14674.	4.2	81
4	Women who experience a myocardial infarction at a young age have worse outcomes compared with men: the Mass General Brigham YOUNG-MI registry. <i>European Heart Journal</i> , 2020, 41, 4127-4137.	2.2	77
5	Development of green concrete using waste marble dust. <i>Materials Today: Proceedings</i> , 2020, 26, 2590-2594.	1.8	60
6	Mechanical and durability properties of geopolymer concrete composite at varying superplasticizer dosage. <i>Materials Today: Proceedings</i> , 2021, 44, 12-16.	1.8	56
7	Investigation of the effect of bagasse ash, hooked steel fibers and glass fibers on the mechanical properties of concrete. <i>Materials Today: Proceedings</i> , 2021, 44, 801-807.	1.8	54
8	A provably secure and efficient anonymous mutual authentication and key agreement protocol for wearable devices in WBAN. <i>Computer Communications</i> , 2020, 160, 311-325.	5.1	49
9	Natural Pozzolans a Comparative Study: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 804, 012040.	0.6	30
10	Development and biological evaluation of <i>Gymnema sylvestre</i> extract-loaded nonionic surfactant-based niosomes. <i>Nanomedicine</i> , 2013, 8, 1295-1305.	3.3	29
11	Investigation of the strength of ground granulated blast furnace slag based geopolymer composite with silica fume. <i>Materials Today: Proceedings</i> , 2021, 44, 23-28.	1.8	29
12	CGHF: A Computational Decision Support System for Glioma Classification Using Hybrid Radiomics- and Stationary Wavelet-Based Features. <i>IEEE Access</i> , 2020, 8, 79440-79458.	4.2	27
13	Study on the Behaviour of Green Concrete by the use of Industrial waste Material: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 804, 012036.	0.6	26
14	Mechanical and Durability Characteristics Assessment of Geopolymer Composite (GPC) at Varying Silica Fume Content. <i>Journal of Composites Science</i> , 2021, 5, 237.	3.0	24
15	Synthetic Strategies for the Construction of δ -Carbolines: A Chemical Ladder in Search of Novel Drugs. <i>Current Organic Synthesis</i> , 2012, 9, 377-396.	1.3	23
16	Physicochemical characterization and toxicological evaluation of plant-based anionic polymers and their nanoparticulated system for ocular delivery. <i>Nanotoxicology</i> , 2014, 8, 843-855.	3.0	23
17	Interrelations between cognitive dysfunction and motor symptoms of Parkinson's disease: behavioral and neural studies. <i>Reviews in the Neurosciences</i> , 2016, 27, 535-548.	2.9	23
18	Feasibility and safety of orbital atherectomy for the treatment of in-stent restenosis secondary to stent under-expansion. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 2-7.	1.7	23

#	ARTICLE	IF	CITATIONS
19	Experimental study of the effect of bacillus megaterium bacteria on cement concrete. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012168.	0.6	23
20	Computational model of precision grip in Parkinson's disease: a utility based approach. Frontiers in Computational Neuroscience, 2013, 7, 172.	2.1	19
21	Effects of the concentration of various bacillus family bacteria on the strength and durability properties of concrete: A Review. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012162.	0.6	16
22	Oral Targeting of Protein Kinase C Receptor: Promising Route for Diabetic Retinopathy?. Current Drug Delivery, 2012, 9, 405-413.	1.6	15
23	C-CADZ: computational intelligence system for coronary artery disease detection using Z-Alizadeh Sani dataset. Applied Intelligence, 2022, 52, 2436-2464.	5.3	14
24	Experimental study of the mechanical and durability properties of Slag and Calcined Clay based geopolymer composite. Advances in Materials and Processing Technologies, 2022, 8, 655-669.	1.4	11
25	Fast architecture-level synthesis of fault-tolerant flow-based microfluidic biochips. , 2017, , .		10
26	A dynamic model for underwater robotic fish with a servo actuated pectoral fin. SN Applied Sciences, 2019, 1, 1.	2.9	10
27	Multicenter experience with the antegrade fenestration and reentry technique for chronic total occlusion recanalization. Catheterization and Cardiovascular Interventions, 2021, 97, E40-E50.	1.7	10
28	Investigation of the mechanical strength of stone dust and ceramic waste based composite. Materials Today: Proceedings, 2021, 44, 29-33.	1.8	10
29	A Review on the selection of the variant Water in Concreting. IOP Conference Series: Materials Science and Engineering, 2020, 804, 012037.	0.6	8
30	Synthesis, Docking and Biological Evaluation of Some Novel 5-bromo-2-(5-aryl-1,3,4-thiadiazol-2-yl)isoindoline-1,3-dione Derivatives Targeting ATP-binding Site of Topoisomerase II. Letters in Drug Design and Discovery, 2012, 9, 668-675.	0.7	8
31	Design Automation for Dilution of a Fluid Using Programmable Microfluidic Device–Based Biochips. ACM Transactions on Design Automation of Electronic Systems, 2019, 24, 1-24.	2.6	6
32	DMHZ: A Decision Support System Based on Machine Computational Design for Heart Disease Diagnosis Using Z-Alizadeh Sani Dataset. , 2021, , .		6
33	Exploration of Crucial Factors Involved in Plants Development Using the Fuzzy AHP Method. Mathematical Problems in Engineering, 2022, 2022, 1-9.	1.1	6
34	IBRDM: An Intelligent Framework for Brain Tumor Classification Using Radiomics- and DWT-based Fusion of MRI Sequences. ACM Transactions on Internet Technology, 2022, 22, 1-30.	4.4	5
35	A secure and lightweight anonymous mutual authentication scheme for wearable devices in Medical Internet of Things. Journal of Information Security and Applications, 2022, 68, 103259.	2.5	5
36	Dynamic modeling of biomimetic undulatory ribbon fin underwater propulsor actuated by IPMC. Materials Today: Proceedings, 2021, 44, 1086-1089.	1.8	4

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37	Architectural Design of Flow-Based Microfluidic Biochips for Multi-Target Dilution of Biochemical Fluids. ACM Transactions on Design Automation of Electronic Systems, 2020, 25, 1-34.	2.6	4
38	Actuation characteristics and experimental identification of IPMC actuator for underwater biomimetic robotic application. Materials Today: Proceedings, 2022, 62, 7461-7466.	1.8	4
39	Condition assessment of the structural elements of a reinforced concrete structure using non-destructive techniques. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012164.	0.6	3
40	Design automation of multiple-demand mixture preparation using a K-array rotary mixer on digital microfluidic biochips. , 2016, , .		2
41	GRGE: Detection of Gliomas Using Radiomics, GA Features and Extremely Randomized Trees. , 2021, , .		2
42	Position Control of a Biomimetic IPMC Underwater Propulsor. Journal of the Institution of Engineers (India): Series C, 2021, 102, 1031-1040.	1.2	2
43	A lightweight Mutually Authenticated Key-Agreement scheme for Wireless Body Area Networks in Internet of Things Environment. , 2018, , .		1
44	Zero-iodinated contrast retrograde percutaneous coronary interventions of chronic total occlusions using gadolinium and imaging guidance: a case report of a patient with severe anaphylaxis to iodinated contrast. European Heart Journal - Case Reports, 2020, 4, 1-7.	0.6	1
45	Biologically Inspired Closed-Loop Model of Precision Grip Lifting Task. , 2013, , 543-550.		1
46	Modeling Precision Grip Force in Controls and Parkinsonâ€™s Disease Patients. Cognitive Science and Technology, 2018, , 131-151.	0.4	0
47	CBSN: Comparative measures of normalization techniques for brain tumor segmentation using SRCNet. Multimedia Tools and Applications, 0, , 1.	3.9	0
48	Investigation of the impact of eco-friendly building materials on carbon footprints of an affordable housing in hilly region. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012163.	0.6	0
49	Experimental investigation of the effect of curing compound on self-compacting concrete properties. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012167.	0.6	0
50	Computing and Verification of IPMC Parameters Through Equivalent Beam Theory. Lecture Notes in Mechanical Engineering, 2022, , 131-140.	0.4	0
51	A Comprehensive Survey on Application Layer Protocols in the Internet of Things. Advances in Intelligent Systems and Computing, 2021, , 203-215.	0.6	0