

Ankur Gupta

List of Publications by Year in descending order

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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	C-CADZ: computational intelligence system for coronary artery disease detection using Z-Alizadeh Sani dataset. <i>Applied Intelligence</i> , 2022, 52, 2436-2464.	5.3	14
2	Experimental study of the mechanical and durability properties of Slag and Calcined Clay based geopolymer composite. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 655-669.	1.4	11
3	Computing and Verification of IPMC Parameters Through Equivalent Beam Theory. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 131-140.	0.4	0
4	IBRDM: An Intelligent Framework for Brain Tumor Classification Using Radiomics- and DWT-based Fusion of MRI Sequences. <i>ACM Transactions on Internet Technology</i> , 2022, 22, 1-30.	4.4	5
5	Exploration of Crucial Factors Involved in Plants Development Using the Fuzzy AHP Method. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-9.	1.1	6
6	Actuation characteristics and experimental identification of IPMC actuator for underwater biomimetic robotic application. <i>Materials Today: Proceedings</i> , 2022, 62, 7461-7466.	1.8	4
7	A secure and lightweight anonymous mutual authentication scheme for wearable devices in Medical Internet of Things. <i>Journal of Information Security and Applications</i> , 2022, 68, 103259.	2.5	5
8	Multicenter experience with the antegrade fenestration and reentry technique for chronic total occlusion recanalization. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E40-E50.	1.7	10
9	Mechanical and durability properties of geopolymer concrete composite at varying superplasticizer dosage. <i>Materials Today: Proceedings</i> , 2021, 44, 12-16.	1.8	56
10	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
11	Feasibility and safety of orbital atherectomy for the treatment of inâ€stent restenosis secondary to stent underâ€expansion. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 2-7.	1.7	23
12	Investigation of the mechanical strength of stone dust and ceramic waste based composite. <i>Materials Today: Proceedings</i> , 2021, 44, 29-33.	1.8	10
13	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
14	GRGE: Detection of Gliomas Using Radiomics, GA Features and Extremely Randomized Trees. , 2021, , .		2
15	Experimental study of the effect of bacillus megaterium bacteria on cement concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012168.	0.6	23
16	Investigation of the impact of eco-friendly building materials on carbon footprints of an affordable housing in hilly region. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012163.	0.6	0
17	Condition assessment of the structural elements of a reinforced concrete structure using non-destructive techniques. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012164.	0.6	3
18	Effects of the concentration of various bacillus family bacteria on the strength and durability properties of concrete: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012162.	0.6	16

#	ARTICLE	IF	CITATIONS
19	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
20	Position Control of a Biomimetic IPMC Underwater Propulsor. Journal of the Institution of Engineers (India): Series C, 2021, 102, 1031-1040.	1.2	2
21	Mechanical and Durability Characteristics Assessment of Geopolymer Composite (GPC) at Varying Silica Fume Content. Journal of Composites Science, 2021, 5, 237.	3.0	24
22	DMHZ: A Decision Support System Based on Machine Computational Design for Heart Disease Diagnosis Using Z-Alizadeh Sani Dataset. , 2021, , .		6
23	Dynamic modeling of biomimetic undulatory ribbon fin underwater propulsor actuated by IPMC. Materials Today: Proceedings, 2021, 44, 1086-1089.	1.8	4
24	A Comprehensive Survey on Application Layer Protocols in the Internet of Things. Advances in Intelligent Systems and Computing, 2021, , 203-215.	0.6	0
25	MIFH: A Machine Intelligence Framework for Heart Disease Diagnosis. IEEE Access, 2020, 8, 14659-14674.	4.2	81
26	Women who experience a myocardial infarction at a young age have worse outcomes compared with men: the Mass General Brigham YOUNG-MI registry. European Heart Journal, 2020, 41, 4127-4137.	2.2	77
27	Natural Pozzolans a Comparative Study: A Review. IOP Conference Series: Materials Science and Engineering, 2020, 804, 012040.	0.6	30
28	Study on the Behaviour of Green Concrete by the use of Industrial waste Material: A Review. IOP Conference Series: Materials Science and Engineering, 2020, 804, 012036.	0.6	26
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	CGHF: A Computational Decision Support System for Glioma Classification Using Hybrid Radiomics- and Stationary Wavelet-Based Features. IEEE Access, 2020, 8, 79440-79458.	4.2	27
31	A provably secure and efficient anonymous mutual authentication and key agreement protocol for wearable devices in WBAN. Computer Communications, 2020, 160, 311-325.	5.1	49
32	Development of green concrete using waste marble dust. Materials Today: Proceedings, 2020, 26, 2590-2594.	1.8	60
33	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
34	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
35	A dynamic model for underwater robotic fish with a servo actuated pectoral fin. SN Applied Sciences, 2019, 1, 1.	2.9	10
36	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

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37	A lightweight anonymous user authentication and key establishment scheme for wearable devices. <i>Computer Networks</i> , 2019, 149, 29-42.	5.1	98
38	Modeling Precision Grip Force in Controls and Parkinson's Disease Patients. <i>Cognitive Science and Technology</i> , 2018, , 131-151.	0.4	0
39	A lightweight Mutually Authenticated Key-Agreement scheme for Wireless Body Area Networks in Internet of Things Environment. , 2018, , .		1
40	Fast architecture-level synthesis of fault-tolerant flow-based microfluidic biochips. , 2017, , .		10
41	Design automation of multiple-demand mixture preparation using a K-array rotary mixer on digital microfluidic biochips. , 2016, , .		2
42	Motor symptoms in Parkinson's disease: A unified framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 727-740.	6.1	231
43	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
44	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
45	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
46	Computational model of precision grip in Parkinson's disease: a utility based approach. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 172.	2.1	19
47	Biologically Inspired Closed-Loop Model of Precision Grip Lifting Task. , 2013, , 543-550.		1
48	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
49	Oral Targeting of Protein Kinase C Receptor: Promising Route for Diabetic Retinopathy?. <i>Current Drug Delivery</i> , 2012, 9, 405-413.	1.6	15
50	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. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 668-675.	0.7	8
51	CBSN: Comparative measures of normalization techniques for brain tumor segmentation using SRCNet. <i>Multimedia Tools and Applications</i> , 0, , 1.	3.9	0