

Ahmed Ibrahim

List of Publications by Year in descending order

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79
papers

1,753
citations

361413

20
h-index

302126

39
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87
all docs

87
docs citations

87
times ranked

2605
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Cardiac Injury on the Clinical Outcome of Children with Convulsive Status Epilepticus. Children, 2022, 9, 122.	1.5	1
2	Biotin-thiamine responsive basal ganglia disease in the era of COVID-19 outbreak diagnosis not to be missed: A case report. Brain and Development, 2022, 44, 303-307.	1.1	5
3	CFD-DEM modeling of geotextile clogging in tunnel drainage systems. Geotextiles and Geomembranes, 2022, 50, 932-945.	4.6	6
4	Uncommon Location of a Papillary Fibroelastoma: Case Report. CJC Open, 2021, 3, 121-123.	1.5	0
5	Continuum-Based Approach to Model Particulate Soil-Water Interaction: Model Validation and Insight into Internal Erosion. Processes, 2021, 9, 785.	2.8	5
6	Grid-Tied PV-BES system based on modified bat algorithm-FLC MPPT technique under uniform conditions. Neural Computing and Applications, 2021, 33, 14929-14943.	5.6	1
7	Modeling Wind Speed Based on Fractional Ornstein-Uhlenbeck Process. Energies, 2021, 14, 5561.	3.1	3
8	Left ventricular dysfunction and cardiac autonomic imbalance in children with drug-resistant epilepsy. Epilepsy Research, 2021, 176, 106709.	1.6	0
9	Optimal design and analysis of DC-DC converter with maximum power controller for stand-alone PV system. Energy Reports, 2021, 7, 4951-4960.	5.1	25
10	Primary Isolated Extra Nodal Esophageal Hodgkin Lymphoma in Diabetic Patient. Journal of Cancer Therapy, 2021, 12, 497-504.	0.4	1
11	Parameters identification and optimization of photovoltaic panels under real conditions using Lambert W-function. Energy Reports, 2021, 7, 9035-9045.	5.1	15
12	Preparation of graphene-coated anodic alumina substrates for selective molecular transport. Carbon Letters, 2020, 30, 23-33.	5.9	2
13	Comprehensive Validation of Transient Stability Calculations in Electric Power Systems and Hardware-Software Tool for Its Implementation. IEEE Access, 2020, 8, 136071-136091.	4.2	13
14	Research, Development and Application of Hybrid Model of Back-to-Back HVDC Link. IEEE Access, 2020, 8, 174860-174870.	4.2	0
15	ASAHI-related disorders: Description of 15 novel pediatric patients and expansion of the clinical phenotype. Clinical Genetics, 2020, 98, 598-605.	2.0	3
16	Fracture of an Edwards Duromedics Mitral Prosthesis Leaflet. JACC: Case Reports, 2020, 2, 2202-2204.	0.6	0
17	Assessment of Model Predictive Voltage Control for Autonomous Four-Leg Inverter. IEEE Access, 2020, 8, 101163-101180.	4.2	11
18	Denial of service attack detection through machine learning for the IoT. Journal of Information and Telecommunication, 2020, 4, 482-503.	2.8	44

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19	Analysis of application of back-to-back HVDC system in Tomsk electric power system. Energy Reports, 2020, 6, 438-444.	5.1	10
20	The effects of a teaching development institute for early career researchers on their intended teaching strategies, course design, beliefs about instructors'™ and students'™ knowledge, and instructional self-efficacy: The case of the Teaching Institute at Johns Hopkins University. Studies in Educational Evaluation, 2020, 64, 100836.	2.3	5
21	Optimal Performance of Dynamic Particle Swarm Optimization Based Maximum Power Trackers for Stand-Alone PV System Under Partial Shading Conditions. IEEE Access, 2020, 8, 20770-20785.	4.2	96
22	<p>The Effect of Serum Ferritin Level on Gonadal, Prolactin, Thyroid Hormones, and Thyroid Stimulating Hormone in Adult Males with Sickle Cell Anemia</p>. Journal of Blood Medicine, 2020, Volume 11, 27-32.	1.7	2
23	Improved dead-time elimination method for three-phase power inverters. International Journal of Power Electronics and Drive Systems, 2020, 11, 1759.	0.6	1
24	Cyber Security for Network of Things (NoTs) in Military Systems. , 2020, , 231-249.		1
25	Primary Osseous Metaplasia of Right Breast. Open Journal of Pathology, 2020, 10, 108-112.	0.2	2
26	Association of groupâ€specific component exon 11 polymorphisms with bronchial asthma in children and adolescents. Scandinavian Journal of Immunology, 2019, 89, e12740.	2.7	13
27	Performance Enhancement of Micro Grid System with SMES Storage System Based on Mine Blast Optimization Algorithm. Energies, 2019, 12, 3110.	3.1	17
28	MANAGEMENT OF ST ELEVATION MYOCARDIAL INFARCTION IN THE SETTING OF A MYOCARDIAL BRIDGE: IS THERE ANY LIGHT AT THE END OF THE TUNNEL?. Journal of the American College of Cardiology, 2019, 73, 2406.	2.8	0
29	Daily Oral <sc>l</sc>Arginine Plus Tadalafil in Diabetic Patients with Erectile Dysfunction: A Double-Blinded, Randomized, Controlled Clinical Trial. Journal of Sexual Medicine, 2019, 16, 1390-1397.	0.6	16
30	Few-Layers Graphene Film and Copper Surface Morphology for Improved Corrosion Protection of Copper. Journal of Materials Engineering and Performance, 2019, 28, 5541-5550.	2.5	10
31	A Cancelable Iris- and Steganography-Based User Authentication System for the Internet of Things. Sensors, 2019, 19, 2985.	3.8	21
32	Integation of Biometrics and Steganography: A Comprehensive Review. Technologies, 2019, 7, 34.	5.1	20
33	Power Balance Management of an Autonomous Hybrid Energy System Based on the Dual-Energy Storage. Energies, 2019, 12, 4690.	3.1	6
34	Optimal parameters selection of particle swarm optimization based global maximum power point tracking of partially shaded PV. Journal of Physics: Conference Series, 2019, 1399, 022032.	0.4	1
35	Pancreatic Iron Deposition Following the Role of Iron Loading Among Transfusion Dependent Sickle Cell Disease Egyptian Children and Young Adults. Blood, 2019, 134, 4828-4828.	1.4	2
36	Beta sub 2 sub -adrenergic receptor variants in children and adolescents with bronchial asthma. Frontiers in Bioscience - Elite, 2019, 11, 61-78.	1.8	11

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37	Determination of Global Maximum Power Point Tracking of PV under Partial Shading Using Cuckoo Search Algorithm. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 367-375.	1.6	13
38	Enhancement of anticorrosion property of 304 stainless steel using silane coatings. Applied Surface Science, 2018, 440, 1286-1297.	6.1	69
39	A Comprehensive Comparative Study on Inductive and Ultrasonic Wireless Power Transmission to Biomedical Implants. IEEE Sensors Journal, 2018, 18, 3813-3826.	4.7	48
40	Promising Hard Carbon Coatings on Cu Substrates: Corrosion and Tribological Performance with Theoretical Aspect. Journal of Materials Engineering and Performance, 2018, 27, 2306-2316.	2.5	8
41	Gold nanoparticles incorporated SnO ₂ thin film: highly responsive and selective detection of NO ₂ at room temperature. Materials Letters, 2018, 214, 283-286.	2.6	26
42	Application of 3D Delaunay Triangulation in Fingerprint Authentication System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 291-298.	0.3	0
43	A security review of local government using NIST CSF: a case study. Journal of Supercomputing, 2018, 74, 5171-5186.	3.6	23
44	Room-temperature detection of hydrogen by platinum-decorated tin oxide thin films augmented by heat-treatment. Vacuum, 2018, 156, 68-77.	3.5	11
45	Maximum power point tracking of partially shading PV system using cuckoo search algorithm. International Journal of Power Electronics and Drive Systems, 2018, 10, 1081.	0.6	4
46	Teachers' Roles, Students' Personalities, Inquiry Learning Outcomes, and Practices of Science and Engineering: The Development and Validation of the McGill Attainment Value for Inquiry Engagement Survey in STEM Disciplines. International Journal of Science and Mathematics Education, 2017, 15, 1195-1215.	2.5	20
47	Tricuspid Regurgitation Associated With Aortic Mitral Regurgitation: Characterization, Evolution After Mitral Surgery, and Value of Tricuspid Repair. Annals of Thoracic Surgery, 2017, 104, 501-509.	1.3	21
48	Investigation of the structural and mechanical properties of micro-/nano-sized Al ₂ O ₃ and cBN composites prepared by spark plasma sintering. Ceramics International, 2017, 43, 10645-10653.	4.8	42
49	Incremental Prognostic Value of Global Longitudinal Strain and 18F-Fludeoxyglucose Positron Emission Tomography in Patients With Systemic Sarcoidosis. American Journal of Cardiology, 2017, 119, 1663-1669.	1.6	12
50	Fabrication of polysulfone nanocomposite membranes with silver-doped carbon nanotubes and their antifouling performance. Journal of Applied Polymer Science, 2017, 134, .	2.6	20
51	Study of the impact of chemical etching on Cu surface morphology, graphene growth and transfer on SiO ₂ /Si substrate. Carbon, 2017, 123, 402-414.	10.3	19
52	Future challenges for smart cities: Cyber-security and digital forensics. Digital Investigation, 2017, 22, 3-13.	3.2	176
53	Modelling and Evaluation of Malicious Attacks against the IoT MQTT Protocol. , 2017, , .		53
54	Inductive and ultrasonic wireless power transmission to biomedical implants. , 2017, , .		3

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55	Synthesis of Graphene Based Membranes: Effect of Substrate Surface Properties on Monolayer Graphene Transfer. <i>Materials</i> , 2017, 10, 86.	2.9	8
56	Superhydrophobic and self-cleaning surfaces prepared from a commercial silane using a single-step drop-coating method. <i>Progress in Organic Coatings</i> , 2016, 99, 322-329.	3.9	43
57	A 64-channel wireless implantable system-on-chip for gastric electrical-wave recording. , 2016, , .		15
58	Monolayer graphene transfer onto polypropylene and polyvinylidenedifluoride microfiltration membranes for water desalination. <i>Desalination</i> , 2016, 388, 29-37.	8.2	42
59	A Figure-of-Merit for Design and Optimization of Inductive Power Transmission Links for Millimeter-Sized Biomedical Implants. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016, 10, 1100-1111.	4.0	83
60	Inductive power transmission to millimeter-sized biomedical implants using printed spiral coils. , 2016, 2016, 4800-4803.		5
61	Development, validation, and factorial comparison of the McGill Self-Efficacy of Learners For Inquiry Engagement (McSELFIE) survey in natural science disciplines. <i>International Journal of Science Education</i> , 2016, 38, 2450-2476.	1.9	8
62	Behavioral and emotional effects of repeated general anesthesia in young children. <i>Saudi Journal of Anaesthesia</i> , 2015, 9, 161.	0.7	46
63	Safe inductive power transmission to millimeter-sized implantable microelectronics devices. , 2015, 2015, 817-20.		11
64	Design considerations for ultrasonic power transmission to millimeter-sized implantable microelectronics devices. , 2015, , .		9
65	Towards a highly-scalable wireless implantable system-on-a-chip for gastric electrophysiology. , 2015, 2015, 2689-92.		6
66	Effects of annealing on copper substrate surface morphology and graphene growth by chemical vapor deposition. <i>Carbon</i> , 2015, 94, 369-377.	10.3	67
67	Combination of interventions can change studentsâ€™ epistemological beliefs. <i>Physical Review Physics Education Research</i> , 2015, 11, .	1.7	15
68	Comparison of dexmedetomidine and dexamethasone for prevention of postoperative nausea and vomiting after laparoscopic cholecystectomy. <i>Korean Journal of Anesthesiology</i> , 2015, 68, 254.	2.5	36
69	Behavioral impact of sickle cell disease in young children with repeated hospitalization. <i>Saudi Journal of Anaesthesia</i> , 2014, 8, 504.	0.7	20
70	Pattern of Blood Stream Infections within Neonatal Intensive Care Unit, Suez Canal University Hospital, Ismailia, Egypt. <i>International Journal of Microbiology</i> , 2014, 2014, 1-6.	2.3	10
71	Cirrhotic Cardiomyopathy; Does It Really Exist?. <i>Journal of Cardiac Failure</i> , 2014, 20, S18-S19.	1.7	0
72	Sacrospinous colpopexy using Masson luethy needle holder. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 179, 5-10.	1.1	0

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73	Response times to conceptual questions. American Journal of Physics, 2013, 81, 703-706.	0.7	30
74	Lipid profile in Egyptian patients with coronary artery disease. Egyptian Heart Journal, 2013, 65, 79-85.	1.2	9
75	Pre-service teachers' perceptions of effective inquiry instruction: are effective instruction and effective inquiry instruction essentially the same?. Instructional Science, 2012, 40, 119-139.	2.0	8
76	Pericardial Fat Is Independently Associated With Human Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 784-788.	2.8	330
77	Urinary Lithogenesis in Sudanese Patients: A Study on 125 Stone Formers. Journal of Urology, 1979, 121, 572-574.	0.4	4
78	Sodium-Losing Nephropathy. Journal of Urology, 1979, 121, 8-9.	0.4	8
79	Percutaneous Deactivation of Left Ventricular Assist Device HeartMate3 After Myocardial Recovery. SSRN Electronic Journal, 0, , .	0.4	0