

Rong-Ching Wu

List of Publications by Year in descending order

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48
papers

365
citations

1040056

9
h-index

888059

17
g-index

48
all docs

48
docs citations

48
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter Identification of Induction Machine With a Starting No-Load Low-Voltage Test. IEEE Transactions on Industrial Electronics, 2012, 59, 352-360.	7.9	82
2	Analysis of the Exponential Signal by the Interpolated DFT Algorithm. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 3306-3317.	4.7	47
3	Alternative Diagnosis of Epilepsy in Children Without Epileptiform Discharges Using Deep Convolutional Neural Networks. International Journal of Neural Systems, 2020, 30, 1850060.	5.2	35
4	Cumulative effect of transcranial direct current stimulation in patients with partial refractory epilepsy and its association with phase lag index-A preliminary study. Epilepsy and Behavior, 2018, 84, 142-147.	1.7	22
5	Estimating Parameters of the Induction Machine by the Polynomial Regression. Applied Sciences (Switzerland), 2018, 8, 1073.	2.5	18
6	Determination of Antiepileptic Drugs Withdrawal Through EEG Hjorth Parameter Analysis. International Journal of Neural Systems, 2020, 30, 2050036.	5.2	15
7	Quantitative EEG findings and response to treatment with antiepileptic medications in children with epilepsy. Brain and Development, 2018, 40, 26-35.	1.1	14
8	Novel method using Hjorth mobility analysis for diagnosing attention-deficit hyperactivity disorder in girls. Brain and Development, 2019, 41, 334-340.	1.1	13
9	Entropy-Based Quantitative Electroencephalogram Analysis for Diagnosing Attention-Deficit Hyperactivity Disorder in Girls. Clinical EEG and Neuroscience, 2019, 50, 172-179.	1.7	11
10	EEG autoregressive modeling analysis: A diagnostic tool for patients with epilepsy without epileptiform discharges. Clinical Neurophysiology, 2020, 131, 1902-1908.	1.5	10
11	Increased Temporal Lobe Beta Activity in Boys With Attention-Deficit Hyperactivity Disorder by LORETA Analysis. Frontiers in Behavioral Neuroscience, 2020, 14, 85.	2.0	10
12	Theorem and application of adjustable spectrum. IEEE Transactions on Power Delivery, 2003, 18, 372-376.	4.3	9
13	Parameter estimation of induction machines under no-load test. , 2010, , .		7
14	A New Method of Diagnosing Attention-Deficit Hyperactivity Disorder in Male Patients by Quantitative EEG Analysis. Clinical EEG and Neuroscience, 2019, 50, 339-347.	1.7	7
15	The optimization of spectrum analysis for digital signals. IEEE Transactions on Power Delivery, 2003, 18, 398-405.	4.3	6
16	Adaptive neuro-fuzzy inference system-based grey time-varying sliding mode control for power conditioning applications. Neural Computing and Applications, 2018, 30, 699-707.	5.6	5
17	Outage Capacity Analysis of TAS/MRC Systems over Arbitrary Nakagami-m Fading Channels. IEICE Transactions on Communications, 2010, E93-B, 215-218.	0.7	4
18	Quantitative Analysis of Movements in Children with Attention-Deficit Hyperactivity Disorder Using a Smart Watch at School. Applied Sciences (Switzerland), 2020, 10, 4116.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Evaluating Therapeutic Effects of ADHD Medication Objectively by Movement Quantification with a Video-Based Skeleton Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 9363.	2.6	4
20	The realization of PLC wireless remote graphic control by PDA. , 2007, , .		3
21	An improved neural-network-based palm biometric system with rotation detection mechanism. , 2010, , .		3
22	Quantitative electroencephalogram analysis of frontal cortex functional changes in patients with migraine. Kaohsiung Journal of Medical Sciences, 2020, 36, 543-551.	1.9	3
23	Robust Optimal Tracking Control of a Full-Bridge DC-AC Converter. Applied Sciences (Switzerland), 2021, 11, 1211.	2.5	3
24	Concise Performance Analysis of Maximal Ratio Combining with Transmit Antenna Selection in Nakagami-m Fading Channels. IEICE Transactions on Communications, 2011, E94-B, 595-598.	0.7	3
25	Robust Optimal Control Design for Performance Enhancement of PWM Voltage Source Inverter. Micromachines, 2022, 13, 435.	2.9	3
26	Artificial Neural Network for Wireless Field Strength Prediction under Power lines in Taiwan Railway. , 2007, , .		2
27	Realization of load management by power line carrier and LabVIEW. , 2008, , .		2
28	Implement of DSP based optimal power analyzer. , 2013, , .		2
29	Objective Evaluation of Therapeutic Effects of ADHD Medication Using a Smart Watch: A Pilot Study. Applied Sciences (Switzerland), 2020, 10, 5946.	2.5	2
30	Inverse Optimal Control in State Derivative Space System with Applications in Motor Control. Energies, 2021, 14, 1775.	3.1	2
31	Prediction of seizure recurrence using electroencephalogram analysis with multiscale deep neural networks before withdrawal of antiepileptic drugs. Pediatrics and Neonatology, 2022, 63, 283-290.	0.9	2
32	Early and Objective Evaluation of the Therapeutic Effects of ADHD Medication through Movement Analysis Using Video Recording Pixel Subtraction. International Journal of Environmental Research and Public Health, 2022, 19, 3163.	2.6	2
33	The Influence of Reverse Rotating Field on the Vibration of Separated Phase Induction Motor. , 2006, , .		1
34	Fast parameter analysis of the complex exponential signal by the Newton-Raphson Method. , 2009, , .		1
35	Complete parameter estimation of induction machines by time-varied parameters. , 2011, , .		1
36	Revisiting effectiveness of content-aware switching for Web traffic distribution. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
37	Positive Effect of Severe Nakagami- m Fading on the Performance of Multiuser TAS/MRC Systems with High Selection Gain. <i>International Journal of Antennas and Propagation</i> , 2012, 2012, 1-7.	1.2	1
38	Robust tracking method of a DC-AC PWM converter for green energy applications. , 2017, , .		1
39	Delay Maturation in Occipital Lobe in Girls With Inattention Subtype of Attention-Deficit Hyperactivity Disorder. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 325-330.	1.7	1
40	Design and analysis of an electrical magnetic holding device. <i>Microsystem Technologies</i> , 2021, 27, 1019-1030.	2.0	1
41	Objective Evaluation of Therapeutic Effects of ADHD Medication by Analyzing Movements Using a Smart Chair with Piezoelectric Material. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5478.	2.5	1
42	Artificial Intelligence of Things-Based Optimal Finite-Time Terminal Attractor and Its Application to Maximum Power Point Tracking of Photovoltaic Arrays in Smart Cities. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-9.	1.2	1
43	Turbine-generator blade and shaft torsional torques due to line faults in six-phase transmission systems evolved from three-phase double-circuit line systems. , 2009, , .		0
44	TAS/MRC diversity system design over fading channel model of arbitrary Nakagami- m . , 2009, , .		0
45	Model-Following Control of Single-Phase Inverters Using Time-Varying Sliding Surface. , 2011, , .		0
46	Terminal Sliding Mode Controlled CVCF inverters. , 2011, , .		0
47	Adaptive Neuro-Fuzzy Inference System-Based Grey Time-Varying Sliding Mode Control for Power Conditioning Applications. , 2015, , .		0
48	Non-Distorted Optimization Spectrum Analysis. <i>Energies</i> , 2018, 11, 1841.	3.1	0