

Rong-Ching Wu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Robust Optimal Control Design for Performance Enhancement of PWM Voltage Source Inverter. <i>Micromachines</i> , 2022, 13, 435.	2.9	3
2	Prediction of seizure recurrence using electroencephalogram analysis with multiscale deep neural networks before withdrawal of antiepileptic drugs. <i>Pediatrics and Neonatology</i> , 2022, 63, 283-290.	0.9	2
3	Early and Objective Evaluation of the Therapeutic Effects of ADHD Medication through Movement Analysis Using Video Recording Pixel Subtraction. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3163.	2.6	2
4	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
5	Design and analysis of an electrical magnetic holding device. <i>Microsystem Technologies</i> , 2021, 27, 1019-1030.	2.0	1
6	Robust Optimal Tracking Control of a Full-Bridge DC-AC Converter. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1211.	2.5	3
7	Inverse Optimal Control in State Derivative Space System with Applications in Motor Control. <i>Energies</i> , 2021, 14, 1775.	3.1	2
8	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
9	Evaluating Therapeutic Effects of ADHD Medication Objectively by Movement Quantification with a Video-Based Skeleton Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9363.	2.6	4
10	Alternative Diagnosis of Epilepsy in Children Without Epileptiform Discharges Using Deep Convolutional Neural Networks. <i>International Journal of Neural Systems</i> , 2020, 30, 1850060.	5.2	35
11	Objective Evaluation of Therapeutic Effects of ADHD Medication Using a Smart Watch: A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5946.	2.5	2
12	Determination of Antiepileptic Drugs Withdrawal Through EEG Hjorth Parameter Analysis. <i>International Journal of Neural Systems</i> , 2020, 30, 2050036.	5.2	15
13	EEG autoregressive modeling analysis: A diagnostic tool for patients with epilepsy without epileptiform discharges. <i>Clinical Neurophysiology</i> , 2020, 131, 1902-1908.	1.5	10
14	Increased Temporal Lobe Beta Activity in Boys With Attention-Deficit Hyperactivity Disorder by LORETA Analysis. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 85.	2.0	10
15	Quantitative Analysis of Movements in Children with Attention-Deficit Hyperactivity Disorder Using a Smart Watch at School. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4116.	2.5	4
16	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
17	Quantitative electroencephalogram analysis of frontal cortex functional changes in patients with migraine. <i>Kaohsiung Journal of Medical Sciences</i> , 2020, 36, 543-551.	1.9	3
18	A New Method of Diagnosing Attention-Deficit Hyperactivity Disorder in Male Patients by Quantitative EEG Analysis. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 339-347.	1.7	7

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19	Novel method using Hjorth mobility analysis for diagnosing attention-deficit hyperactivity disorder in girls. <i>Brain and Development</i> , 2019, 41, 334-340.	1.1	13
20	Entropy-Based Quantitative Electroencephalogram Analysis for Diagnosing Attention-Deficit Hyperactivity Disorder in Girls. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 172-179.	1.7	11
21	Adaptive neuro-fuzzy inference system-based grey time-varying sliding mode control for power conditioning applications. <i>Neural Computing and Applications</i> , 2018, 30, 699-707.	5.6	5
22	Quantitative EEG findings and response to treatment with antiepileptic medications in children with epilepsy. <i>Brain and Development</i> , 2018, 40, 26-35.	1.1	14
23	Non-Distorted Optimization Spectrum Analysis. <i>Energies</i> , 2018, 11, 1841.	3.1	0
24	Estimating Parameters of the Induction Machine by the Polynomial Regression. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1073.	2.5	18
25	Cumulative effect of transcranial direct current stimulation in patients with partial refractory epilepsy and its association with phase lag index-A preliminary study. <i>Epilepsy and Behavior</i> , 2018, 84, 142-147.	1.7	22
26	Robust tracking method of a DC-AC PWM converter for green energy applications. , 2017, , .		1
27	Adaptive Neuro-Fuzzy Inference System-Based Grey Time-Varying Sliding Mode Control for Power Conditioning Applications. , 2015, , .		0
28	Implement of DSP based optimal power analyzer. , 2013, , .		2
29	Parameter Identification of Induction Machine With a Starting No-Load Low-Voltage Test. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 352-360.	7.9	82
30	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
31	Complete parameter estimation of induction machines by time-varied parameters. , 2011, , .		1
32	Model-Following Control of Single-Phase Inverters Using Time-Varying Sliding Surface. , 2011, , .		0
33	Revisiting effectiveness of content-aware switching for Web traffic distribution. , 2011, , .		1
34	Terminal Sliding Mode Controlled CVCF inverters. , 2011, , .		0
35	Concise Performance Analysis of Maximal Ratio Combining with Transmit Antenna Selection in Nakagami-m Fading Channels. <i>IEICE Transactions on Communications</i> , 2011, E94-B, 595-598.	0.7	3
36	Analysis of the Exponential Signal by the Interpolated DFT Algorithm. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 3306-3317.	4.7	47

#	ARTICLE	IF	CITATIONS
37	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
38	An improved neural-network-based palm biometric system with rotation detection mechanism. , 2010, , .		3
39	Parameter estimation of induction machines under no-load test. , 2010, , .		7
40	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
41	TAS/MRC diversity system design over fading channel model of arbitrary Nakagami-m. , 2009, , .		0
42	Fast parameter analysis of the complex exponential signal by the Newton-Raphson Method. , 2009, , .		1
43	Realization of load management by power line carrier and LabVIEW. , 2008, , .		2
44	Artificial Neural Network for Wireless Field Strength Prediction under Power lines in Taiwan Railway. , 2007, , .		2
45	The realization of PLC wireless remote graphic control by PDA. , 2007, , .		3
46	The Influence of Reverse Rotating Field on the Vibration of Separated Phase Induction Motor. , 2006, , .		1
47	The optimization of spectrum analysis for digital signals. IEEE Transactions on Power Delivery, 2003, 18, 398-405.	4.3	6
48	Theorem and application of adjustable spectrum. IEEE Transactions on Power Delivery, 2003, 18, 372-376.	4.3	9