

WuFeng

List of Publications by Year in descending order

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31
papers

884
citations

516710

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526287

27
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31
all docs

31
docs citations

31
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified framework of deep unfolding for compressed color imaging. <i>Soft Computing</i> , 2022, 26, 5095-5103.	3.6	1
2	Plant adaptability in karst regions. <i>Journal of Plant Research</i> , 2021, 134, 889-906.	2.4	32
3	Turbulence Intensity Characteristics of a Magnetoliquid Seal Interface in a Liquid Environment. <i>Coatings</i> , 2021, 11, 1333.	2.6	11
4	Simplified Fourier Series Based Transistor Open-Circuit Fault Location Method in Voltage-Source Inverter Fed Induction Motor. <i>IEEE Access</i> , 2020, 8, 83953-83964.	4.2	8
5	Probability-Based Energy Reinforced Management of Electric Vehicle Aggregation in the Electrical Grid Frequency Regulation. <i>IEEE Access</i> , 2020, 8, 110598-110610.	4.2	11
6	Gram Matrix Based Transistor Open-Circuit Fault Diagnosis Method for Voltage-Source Inverter Fed Vector Controlled Induction Motor Drives. , 2020, , .		0
7	Hyaluronic Acid Nanoparticle Composite Films Confer Favorable Time-Dependent Biofunctions for Vascular Wound Healing. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1833-1848.	5.2	21
8	Primary Source Inductive Energy Analysis Based Real-Time Multiple Open-Circuit Fault Diagnosis in Two-Level Three-Phase PWM Boost Rectifier. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 3411-3423.	7.9	38
9	An Embedded Closed-Loop Fault-Tolerant Control Scheme for Nonredundant VSI-Fed Induction Motor Drives. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 3731-3740.	7.9	52
10	Current Similarity Analysis-Based Open-Circuit Fault Diagnosis for Two-Level Three-Phase PWM Rectifier. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 3935-3945.	7.9	58
11	Controlling Molecular Weight of Hyaluronic Acid Conjugated on Amine-rich Surface: Toward Better Multifunctional Biomaterials for Cardiovascular Implants. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30343-30358.	8.0	83
12	Current similarity based open-circuit fault diagnosis for induction motor drives with discrete wavelet transform. <i>Microelectronics Reliability</i> , 2017, 75, 309-316.	1.7	29
13	Controlling mesenchymal stem cells differentiate into contractile smooth muscle cells on a TiO ₂ micro/nano interface: Towards benign pericytes environment for endothelialization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 410-419.	5.0	33
14	A real-time sensor fault detection, isolation and reconfiguration method for vector controlled induction motors based on Extended Kalman Filter. , 2016, , .		3
15	Current kernel density estimation based transistor open-circuit fault diagnosis in two-level three phase rectifier. <i>Electronics Letters</i> , 2016, 52, 1795-1797.	1.0	20
16	A novel fault diagnosis method in SVPWM voltage-source inverters for vector controlled induction motor drives. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016, 50, 97-111.	0.6	4
17	Investigation of enhanced hemocompatibility and tissue compatibility associated with multi-functional coating based on hyaluronic acid and Type IV collagen. <i>International Journal of Energy Production and Management</i> , 2016, 3, 149-157.	3.7	26
18	A Real-Time Multiple Open-Circuit Fault Diagnosis Method in Voltage-Source-Inverter Fed Vector Controlled Drives. <i>IEEE Transactions on Power Electronics</i> , 2016, 31, 1425-1437.	7.9	129

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19	Multifunctional Coating Based on Hyaluronic Acid and Dopamine Conjugate for Potential Application on Surface Modification of Cardiovascular Implanted Devices. ACS Applied Materials & Interfaces, 2016, 8, 109-121.	8.0	132
20	Symmetry-based diagnosis method with correlation coefficients for open-circuit fault in inverter. Electronics Letters, 2015, 51, 1688-1690.	1.0	14
21	A fuzzy-based approach for open-transistor fault diagnosis in voltage-source inverter induction motor drives. EPJ Applied Physics, 2015, 69, 20101.	0.7	6
22	Genotypic Variations of Biomass Feedstock Properties for Energy in Triploid Hybrid Clones of Populus tomentosa. Bioenergy Research, 2015, 8, 1705-1713.	3.9	8
23	Constructing bio-functional layers of hyaluronan and type IV collagen on titanium surface for improving endothelialization. Journal of Materials Science, 2015, 50, 3226-3236.	3.7	24
24	Chemical properties of wood are under stronger genetic control than growth traits in Populus tomentosa Carr.. Annals of Forest Science, 2015, 72, 89-97.	2.0	16
25	Effect of micropatterned TiO ₂ nanotubes thin film on the deposition of endothelial extracellular matrix: For the purpose of enhancing surface biocompatibility. Biointerphases, 2015, 10, 04A302.	1.6	22
26	Genotypic parameters of wood density and fiber traits in triploid hybrid clones of Populus tomentosa at five clonal trials. Annals of Forest Science, 2013, 70, 751-759.	2.0	18
27	Genetic control of fiber properties and growth in triploid hybrid clones of <i>Populus tomentosa</i> . Scandinavian Journal of Forest Research, 2013, 28, 621-630.	1.4	17
28	Genotypic variation in wood properties and growth traits of triploid hybrid clones of Populus tomentosa at three clonal trials. Tree Genetics and Genomes, 2012, 8, 1041-1050.	1.6	44
29	Experimental Investigation of Performance of a Miniature Direct Methanol Fuel Cell in Short-Term Microgravity. Microgravity Science and Technology, 2010, 22, 347-352.	1.4	6
30	Two-phase Flow in Fuel Cells in Short-term Microgravity Condition. Microgravity Science and Technology, 2008, 20, 265-269.	1.4	16
31	Assembly Sequences Algorithm of Car Body for Car Enterprise Information System. , 2006, , .		2