

WuFeng

List of Publications by Year in descending order

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31
papers

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516710

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#	ARTICLE	IF	CITATIONS
1	Multifunctional Coating Based on Hyaluronic Acid and Dopamine Conjugate for Potential Application on Surface Modification of Cardiovascular Implanted Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 109-121.	8.0	132
2	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
3	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
4	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
5	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
6	Genotypic variation in wood properties and growth traits of triploid hybrid clones of <i>Populus tomentosa</i> at three clonal trials. <i>Tree Genetics and Genomes</i> , 2012, 8, 1041-1050.	1.6	44
7	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
8	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
9	Plant adaptability in karst regions. <i>Journal of Plant Research</i> , 2021, 134, 889-906.	2.4	32
10	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
11	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
12	Constructing bio-functional layers of hyaluronan and type IV collagen on titanium surface for improving endothelialization. <i>Journal of Materials Science</i> , 2015, 50, 3226-3236.	3.7	24
13	Effect of micropatterned TiO ₂ nanotubes thin film on the deposition of endothelial extracellular matrix: For the purpose of enhancing surface biocompatibility. <i>Biointerphases</i> , 2015, 10, 04A302.	1.6	22
14	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
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	Genotypic parameters of wood density and fiber traits in triploid hybrid clones of <i>Populus tomentosa</i> at five clonal trials. <i>Annals of Forest Science</i> , 2013, 70, 751-759.	2.0	18
17	Genetic control of fiber properties and growth in triploid hybrid clones of <i>Populus tomentosa</i> . <i>Scandinavian Journal of Forest Research</i> , 2013, 28, 621-630.	1.4	17
18	Two-phase Flow in Fuel Cells in Short-term Microgravity Condition. <i>Microgravity Science and Technology</i> , 2008, 20, 265-269.	1.4	16

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19	Chemical properties of wood are under stronger genetic control than growth traits in <i>Populus tomentosa</i> Carr.. <i>Annals of Forest Science</i> , 2015, 72, 89-97.	2.0	16
20	Symmetry-based diagnosis method with correlation coefficients for open-circuit fault in inverter. <i>Electronics Letters</i> , 2015, 51, 1688-1690.	1.0	14
21	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
22	Turbulence Intensity Characteristics of a Magnetoliquid Seal Interface in a Liquid Environment. <i>Coatings</i> , 2021, 11, 1333.	2.6	11
23	Genotypic Variations of Biomass Feedstock Properties for Energy in Triploid Hybrid Clones of <i>Populus tomentosa</i> . <i>Bioenergy Research</i> , 2015, 8, 1705-1713.	3.9	8
24	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
25	Experimental Investigation of Performance of a Miniature Direct Methanol Fuel Cell in Short-Term Microgravity. <i>Microgravity Science and Technology</i> , 2010, 22, 347-352.	1.4	6
26	A fuzzy-based approach for open-transistor fault diagnosis in voltage-source inverter induction motor drives. <i>EJ Applied Physics</i> , 2015, 69, 20101.	0.7	6
27	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
28	A real-time sensor fault detection, isolation and reconfiguration method for vector controlled induction motors based on Extended Kalman Filter. , 2016, , .		3
29	Assembly Sequences Algorithm of Car Body for Car Enterprise Information System. , 2006, , .		2
30	A unified framework of deep unfolding for compressed color imaging. <i>Soft Computing</i> , 2022, 26, 5095-5103.	3.6	1
31	Gram Matrix Based Transistor Open-Circuit Fault Diagnosis Method for Voltage-Source Inverter Fed Vector Controlled Induction Motor Drives. , 2020, , .		0