Geert Potters

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6665951/publications.pdf

Version: 2024-02-01

29 papers	3,128 citations	430874 18 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	3814 citing authors

#	Article	IF	Citations
1	eDNA Inactivation and Biofilm Inhibition by the PolymericBiocide Polyhexamethylene Guanidine Hydrochloride (PHMG-Cl). International Journal of Molecular Sciences, 2022, 23, 731.	4.1	14
2	Influence of Adding Low Concentration of Oxygenates in Mineral Diesel Oil and Biodiesel on the Concentration of NO, NO2 and Particulate Matter in the Exhaust Gas of a One-Cylinder Diesel Generator. International Journal of Environmental Research and Public Health, 2022, 19, 7637.	2.6	2
3	The influence of concretion on the long-term corrosion rate of steel shipwrecks in the Belgian North Sea. Corrosion Engineering Science and Technology, 2021, 56, 71-80.	1.4	13
4	Molecular mechanisms of plant adaptive responses to heavy metals stress. Cell Biology International, 2021, 45, 258-272.	3.0	62
5	Finding the Optimal Fatty Acid Composition for Biodiesel Improving the Emissions of a One-Cylinder Diesel Generator. Sustainability, 2021, 13, 12089.	3.2	1
6	Simultaneous production of 5-hydroxymethylfurfural and furfural from bamboo (Phyllostachys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	12.7	25
7	Priming winter wheat seeds with the bacterial quorum sensing signal N-hexanoyl-L-homoserine lactone (C6-HSL) shows potential to improve plant growth and seed yield. PLoS ONE, 2019, 14, e0209460.	2.5	40
8	Antibiofilm Activity of Polyamide 11 Modified with Thermally Stable Polymeric Biocide Polyhexamethylene Guanidine 2-Naphtalenesulfonate. International Journal of Molecular Sciences, 2019, 20, 348.	4.1	19
9	Assessment of corrosion resistance, material properties, and weldability of alloyed steel for ballast tanks. Journal of Marine Science and Technology, 2017, 22, 176-199.	2.9	2
10	A field study of the effectiveness of sacrificial anodes in ballast tanks of merchant ships. Journal of Marine Science and Technology, 2014, 19, 116-123.	2.9	4
11	Seasonal, diurnal and vertical variation in photosynthetic parameters in Phyllostachys humilis bamboo plants. Photosynthesis Research, 2014, 120, 331-346.	2.9	12
12	The thiol compounds glutathione and homoglutathione differentially affect cell development in alfalfa (Medicago sativa L.). Plant Physiology and Biochemistry, 2014, 74, 16-23.	5.8	22
13	Study on alternative approaches to corrosion protection of ballast tanks using an economic model. Marine Structures, 2013, 32, 1-17.	3.8	23
14	Reducing the cost of ballast tank corrosion: anÂeconomic modeling approach. Marine Structures, 2013, 32, 136-152.	3.8	11
15	Seasonal, Diurnal and Vertical Variation of Chlorophyll Fluorescence on Phyllostachys humilis in Ireland. PLoS ONE, 2013, 8, e72145.	2.5	13
16	Dehydroascorbate and glutathione regulate the cellular development of Nicotiana tabacum L. SR-1 protoplasts. In Vitro Cellular and Developmental Biology - Plant, 2010, 46, 289-297.	2.1	14
17	The cellular redox state in plant stress biology â€“ A charging concept. Plant Physiology and Biochemistry, 2010, 48, 292-300.	5.8	195
18	Different stresses, similar morphogenic responses: integrating a plethora of pathways. Plant, Cell and Environment, 2009, 32, 158-169.	5.7	319

#	Article	IF	Citations
19	Plant stress and human health: Do human consumers benefit from UV-B acclimated crops?. Plant Science, 2008, 175, 449-458.	3.6	201
20	Stress-induced morphogenic responses: growing out of trouble?. Trends in Plant Science, 2007, 12, 98-105.	8.8	641
21	Effect of copper exposure on gene expression profiles in Chlamydomonas reinhardtii based on microarray analysis. Aquatic Toxicology, 2006, 80, 249-260.	4.0	78
22	Morphogenic effects of abiotic stress: reorientation of growth in seedlings. Environmental and Experimental Botany, 2005, 53, 299-314.	4.2	153
23	Complementary interactions between oxidative stress and auxins control plant growth responses at plant, organ, and cellular level. Journal of Experimental Botany, 2005, 56, 1991-2001.	4.8	187
24	Dehydroascorbate Influences the Plant Cell Cycle through a Glutathione-Independent Reduction Mechanism. Plant Physiology, 2004, 134, 1479-1487.	4.8	188
25	Dehydroascorbate Uptake Activity Correlates with Cell Growth and Cell Division of Tobacco Bright Yellow-2 Cell Cultures. Plant Physiology, 2003, 133, 361-367.	4.8	31
26	The Role of Auxin, pH, and Stress in the Activation of Embryogenic Cell Division in Leaf Protoplast-Derived Cells of Alfalfa. Plant Physiology, 2002, 129, 1807-1819.	4.8	316
27	Ascorbate and glutathione: guardians of the cell cycle, partners in crime?. Plant Physiology and Biochemistry, 2002, 40, 537-548.	5.8	240
28	Ascorbate function and associated transport systems in plants. Plant Physiology and Biochemistry, 2000, 38, 531-540.	5.8	199
29	Ascorbate and Dehydroascorbate Influence Cell Cycle Progression in a Tobacco Cell Suspension. Plant Physiology, 2000, 124, 17-20.	4.8	101