

Richard J Weld

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

847
citations

567281

15
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1410
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Approaches to functional genomics in filamentous fungi. <i>Cell Research</i> , 2006, 16, 31-44. | 12.0 | 159 |
| 2 | Models of phage growth and their applicability to phage therapy. <i>Journal of Theoretical Biology</i> , 2004, 227, 1-11. | 1.7 | 102 |
| 3 | Influence of anode potentials on selection of <i>Geobacter</i> strains in microbial electrolysis cells. <i>Bioresource Technology</i> , 2013, 139, 226-234. | 9.6 | 88 |
| 4 | Reproduction without sex: conidiation in the filamentous fungus <i>Trichoderma</i> . <i>Microbiology (United Kingdom)</i> , 2004, 158, 107-117. | 1.8 | 72 |
| 5 | Ectosymbiotic bacteria at the origin of magnetoreception in a marine protist. <i>Nature Microbiology</i> , 2019, 4, 1088-1095. | 13.3 | 57 |
| 6 | Development and applications of whole cell biosensors for ecotoxicity testing. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 931-945. | 3.7 | 47 |
| 7 | Functional stability of a hybrid anaerobic digester/microbial fuel cell system treating municipal wastewater. <i>Bioresource Technology</i> , 2011, 102, 842-847. | 9.6 | 41 |
| 8 | Maintenance of <i>Geobacter</i> -dominated biofilms in microbial fuel cells treating synthetic wastewater. <i>Bioelectrochemistry</i> , 2015, 106, 150-158. | 4.6 | 38 |
| 9 | Ambient pH intrinsically influences <i>Trichoderma</i> conidiation and colony morphology. <i>Fungal Biology</i> , 2010, 114, 198-208. | 2.5 | 37 |
| 10 | Influence of inoculum and anode surface properties on the selection of <i>Geobacter</i> -dominated biofilms. <i>Bioresource Technology</i> , 2015, 195, 265-272. | 9.6 | 29 |
| 11 | <i>Agrobacterium</i> -mediated transformation of <i>Sclerotinia sclerotiorum</i> . <i>Journal of Microbiological Methods</i> , 2006, 65, 202-207. | 1.6 | 24 |
| 12 | Isolate-specific conidiation in <i>Trichoderma</i> in response to different nitrogen sources. <i>Fungal Biology</i> , 2010, 114, 179-188. | 2.5 | 23 |
| 13 | <i>Geobacter</i> -dominated biofilms used as amperometric BOD sensors. <i>Biochemical Engineering Journal</i> , 2016, 109, 88-95. | 3.6 | 22 |
| 14 | Transient GFP expression in <i>Nicotiana plumbaginifolia</i> suspension cells: the role of gene silencing, cell death and T-DNA loss. <i>Plant Molecular Biology</i> , 2001, 45, 377-385. | 3.9 | 21 |
| 15 | Microbial population and diversity on the exoskeletons of four insect species associated with gorse (<i>Ulex europaeus</i> L.). <i>Australian Journal of Entomology</i> , 2008, 47, 370-379. | 1.1 | 15 |
| 16 | Appraising freeze-drying for storage of bacteria and their ready access in a rapid toxicity assessment assay. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10189-10198. | 3.6 | 15 |
| 17 | Rhythmic conidiation in the blue-light fungus <i>Trichoderma pleuroticola</i> . <i>Fungal Biology</i> , 2010, 114, 219-223. | 2.5 | 14 |
| 18 | Comparison of three genetically modified <i>Escherichia coli</i> biosensor strains for amperometric tetracycline measurement. <i>Biosensors and Bioelectronics</i> , 2012, 35, 69-74. | 10.1 | 12 |

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|----|---|------|-----------|
| 19 | <i>Escherichia coli</i> knock-out mutants with altered electron transfer activity in the Microdox [®] assay and in microbial fuel cells. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 138-149. | 3.3 | 8 |
| 20 | Factors influencing pathogenicity of <i>Fusarium tumidum</i> on gorse (<i>Ulex europaeus</i>). | 1.3 | 5 |
| 21 | Comment on Microbial Community Composition Is Unaffected by Anode Potential. <i>Environmental Science & Technology</i> , 2014, 48, 14851-14852. | 10.0 | 4 |
| 22 | Bacteriophage on the menu. <i>Pharmaceutical Science & Technology Today</i> , 2000, 3, 404-405. | 0.7 | 3 |
| 23 | Ds transposition mediated by transient transposase expression in <i>Heiracium aurantiacum</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2002, 69, 45-54. | 2.3 | 3 |
| 24 | An improved genetically modified <i>Escherichia coli</i> biosensor for amperometric tetracycline measurement. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9081-9086. | 3.6 | 3 |
| 25 | Genome-scale investigation of phenotypically distinct but nearly clonal <i>Trichoderma</i> strains. <i>PeerJ</i> , 2016, 4, e2023. | 2.0 | 3 |
| 26 | Extending AFLP sequences by long template PCR amplification of a fungal genomic library. <i>BioTechniques</i> , 2005, 38, 372-374. | 1.8 | 2 |