# Reda A I Abou-Shanaba

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3994417/publications.pdf

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|---|---|---|---|
| 30 papers | 2,063 citations | 361296 20 h-index | 477173 29 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 2566 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bioaugmentation with As-transforming bacteria improves arsenic availability and uptake by the hyperaccumulator plantPteris vittata(L).. International Journal of Phytoremediation, 2022, 24, 420-428. | 1.7 | 6 |
| 2 | Indigenous soil bacteria and the hyperaccumulator Pteris vittata mediate phytoremediation of soil contaminated with arsenic species. Ecotoxicology and Environmental Safety, 2020, 195, 110458. | 2.9 | 32 |
| 3 | Role of Rhizobacteria in Phytoremediation of Metal-Impacted Sites. , 2019, , 299-328. | | 8 |
| 4 | Genome-Wide Association Analyses in the Model Rhizobium Ensifer meliloti. MSphere, 2018, 3, . | 1.3 | 26 |
| 5 | Competition between introduced Bradyrhizobium japonicum strains and indigenous bradyrhizobia in Minnesota organic farming systems. Symbiosis, 2017, 73, 155-163. | 1.2 | 14 |
| 6 | Harvesting of freshwater microalgae Scenedesmus obliquus and Chlorella vulgaris using acid mine drainage as a cost effective flocculant for biofuel production. Energy Conversion and Management, 2016, 121, 105-112. | 4.4 | 20 |
| 7 | Effect of Brachionus rubens on the growth characteristics of various species of microalgae. Electronic Journal of Biotechnology, 2016, 22, 68-74. | 1.2 | 10 |
| 8 | Long-term production of bioethanol in repeated-batch fermentation of microalgal biomass using immobilized Saccharomyces cerevisiae. Bioresource Technology, 2016, 219, 98-105. | 4.8 | 86 |
| 9 | Biodegradation of carbamazepine using freshwater microalgae Chlamydomonas mexicana and Scenedesmus obliquus and the determination of its metabolic fate. Bioresource Technology, 2016, 205, 183-190. | 4.8 | 328 |
| 10 | Perchlorate reduction from a highly concentrated aqueous solution by bacterium Rhodococcus sp. YSPW03. Environmental Science and Pollution Research, 2015, 22, 18839-18848. | 2.7 | 3 |
| 11 | Application of acid mine drainage for coagulation/flocculation of microalgal biomass. Bioresource Technology, 2015, 186, 232-237. | 4.8 | 20 |
| 12 | The effects of salinity on the growth and biochemical properties ofChlamydomonas mexicanaGU732420 cultivated in municipal wastewater. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 | 1.2 | 80 |
| 13 | Influence of CO2 and light spectra on the enhancement of microalgal growth and lipid content. Journal of Renewable and Sustainable Energy, 2014, 6, 063107. | 0.8 | 10 |
| 14 | Cultivation of a new microalga, Micractinium reisseri, in municipal wastewater for nutrient removal, biomass, lipid, and fatty acid production. Biotechnology and Bioprocess Engineering, 2014, 19, 510-518. | 1.4 | 61 |
| 15 | Biodegradation of bisphenol A by the freshwater microalgae Chlamydomonas mexicana and Chlorella vulgaris. Ecological Engineering, 2014, 73, 260-269. | 1.6 | 129 |
| 16 | Ultrasonic disintegration of microalgal biomass and consequent improvement of bioaccessibility/bioavailability in microbial fermentation. Biotechnology for Biofuels, 2013, 6, 37. | 6.2 | 63 |
| 17 | Cultivation of microalgae species in tertiary municipal wastewater supplemented with CO2 for nutrient removal and biomass production. Ecological Engineering, 2013, 58, 142-148. | 1.6 | 195 |
| 18 | Simultaneous nutrient removal and lipid production from pretreated piggery wastewater by Chlorella vulgaris YSW-04. Applied Microbiology and Biotechnology, 2013, 97, 2701-2710. | 1.7 | 113 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Microalgal species growing on piggery wastewater as a valuable candidate for nutrient removal and biodiesel production. Journal of Environmental Management, 2013, 115, 257-264. | 3.8 | 245 |
| 20 | Biomass, lipid content, and fatty acid composition of freshwater Chlamydomonas mexicana and Scenedesmus obliquus grown under salt stress. Bioprocess and Biosystems Engineering, 2013, 36, 827-833. | 1.7 | 177 |
| 21 | Municipal wastewater utilization for biomass and biodiesel production by Scenedesmus obliquus HM103382 and Micractinium reisseri JN169781. Journal of Renewable and Sustainable Energy, 2013, 5, . | 0.8 | 17 |
| 22 | Removal of Nitrogen and Phosphorus from Piggery Wastewater Effluent Using the Green Microalga Scenedesmus obliquus. Journal of Environmental Engineering, ASCE, 2013, 139, 1198-1205. | 0.7 | 66 |
| 23 | Removal of nitrate from groundwater using ZVI treatment system combined with continuous CO2gas bubbling. Geosystem Engineering, 2012, 15, 60-65. | 0.7 | 5 |
| 24 | Nitrate and ammonium ions removal from groundwater by a hybrid system of zero-valent iron combined with adsorbents. Journal of Environmental Monitoring, 2012, 14, 1153. | 2.1 | 9 |
| 25 | Enhancement of fermentative bioenergy (ethanol/hydrogen) production using ultrasonication of Scenedesmus obliquus YSW15 cultivated in swine wastewater effluent. Energy and Environmental Science, 2011, 4, 3513. | 15.6 | 82 |
| 26 | Hydrogen production from sulfate- and ferrous-enriched wastewater. International Journal of Hydrogen Energy, 2011, 36, 13984-13990. | 3.8 | 12 |
| 27 | Characterization of microalgal species isolated from fresh water bodies as a potential source for biodiesel production. Applied Energy, 2011, 88, 3300-3306. | 5.1 | 146 |
| 28 | Characterization and identification of lipid-producing microalgae species isolated from a freshwater lake. Biomass and Bioenergy, 2011, 35, 3079-3085. | 2.9 | 82 |
| 29 | Feasibility of hydrogen production from ripened fruits by a combined two-stage (dark/dark) fermentation system. Bioresource Technology, 2011, 102, 1051-1058. | 4.8 | 44 |
| 30 | Removal of nitrate and ammonium ions from livestock wastewater by hybrid systems composed of zero-valent iron and adsorbents. Environmental Technology (United Kingdom), 2011, 32, 1851-1857. | 1.2 | 24 |