

Mostafa El-Sheekh

List of Publications by Year in descending order

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152
papers

4,252
citations

126708

33
h-index

143772

57
g-index

155
all docs

155
docs citations

155
times ranked

4012
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of conventional plastic wastes in the environment: A review on current status of knowledge and future perspectives of disposal. <i>Science of the Total Environment</i> , 2021, 771, 144719.	3.9	258
2	Biodegradation of dyes by some green algae and cyanobacteria. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 699-704.	1.9	208
3	Potential of fat, oil and grease (FOG) for biodiesel production: A critical review on the recent progress and future perspectives. <i>Progress in Energy and Combustion Science</i> , 2020, 81, 100868.	15.8	202
4	Antimicrobial activity of some seaweeds species from Red sea, against multidrug resistant bacteria. <i>Egyptian Journal of Aquatic Research</i> , 2016, 42, 65-74.	1.0	118
5	Lipid and total fatty acid productivity in photoautotrophic fresh water microalgae: screening studies towards biodiesel production. <i>Journal of Applied Phycology</i> , 2013, 25, 931-936.	1.5	115
6	Cytotoxic Activity of Biosynthesized Gold Nanoparticles with an Extract of the Red Seaweed <i>Corallina officinalis</i> on the MCF-7 Human Breast Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4311-4317.	0.5	111
7	Effect of two species of cyanobacteria as biofertilizers on some metabolic activities, growth, and yield of pea plant. <i>Biology and Fertility of Soils</i> , 2010, 46, 861-875.	2.3	109
8	Optimization of biomass and fatty acid productivity of <i>Scenedesmus obliquus</i> as a promising microalga for biodiesel production. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 915-922.	1.7	104
9	Growth and heavy metals removal efficiency of <i>Nostoc muscorum</i> and <i>Anabaena subcylindrica</i> in sewage and industrial wastewater effluents. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 357-365.	2.0	100
10	Biodegradation of crude oil by <i>Scenedesmus obliquus</i> and <i>Chlorella vulgaris</i> growing under heterotrophic conditions. <i>International Biodeterioration and Biodegradation</i> , 2013, 82, 67-72.	1.9	91
11	Pilot cultivation of the chlorophyte microalga <i>Scenedesmus obliquus</i> as a promising feedstock for biofuel. <i>Biomass and Bioenergy</i> , 2014, 64, 237-244.	2.9	85
12	Algal production of nano-silver and gold: Their antimicrobial and cytotoxic activities: A review. <i>Journal of Genetic Engineering and Biotechnology</i> , 2016, 14, 299-310.	1.5	84
13	Antiviral activity of algae biosynthesized silver and gold nanoparticles against Herpes Simplex (HSV-1) virus in vitro using cell-line culture technique. <i>International Journal of Environmental Health Research</i> , 2022, 32, 616-627.	1.3	84
14	Screening of marine microalgae isolated from the hypersaline Bardawil lagoon for biodiesel feedstock. <i>Renewable Energy</i> , 2017, 101, 1266-1272.	4.3	83
15	Enhancement of lipid extraction for improved biodiesel recovery from the biodiesel promising microalga <i>Scenedesmus obliquus</i> . <i>Energy Conversion and Management</i> , 2016, 108, 23-29.	4.4	80
16	A Review of Microalgae- and Cyanobacteria-Based Biodegradation of Organic Pollutants. <i>Molecules</i> , 2022, 27, 1141.	1.7	68
17	Construction of a new lipase- and xylanase-producing oleaginous yeast consortium capable of reactive azo dye degradation and detoxification. <i>Bioresource Technology</i> , 2020, 313, 123631.	4.8	67
18	Current status of microbes involved in the degradation of pharmaceutical and personal care products (PPCPs) pollutants in the aquatic ecosystem. <i>Environmental Pollution</i> , 2022, 300, 118922.	3.7	62

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19	Cultivation of a new microalga, <i>Micractinium reisseri</i> , in municipal wastewater for nutrient removal, biomass, lipid, and fatty acid production. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 510-518.	1.4	61
20	Bioremediation of different types of polluted water using microalgae. <i>Rendiconti Lincei</i> , 2016, 27, 401-410.	1.0	60
21	Night illumination using monochromatic light-emitting diodes for enhanced microalgal growth and biodiesel production. <i>Bioresource Technology</i> , 2019, 288, 121514.	4.8	59
22	Pharmaceutical applications and consequent environmental impacts of <i>Spirulina</i> (<i>Arthrospira</i>): An overview. <i>Grasas Y Aceites</i> , 2019, 70, 292.	0.3	55
23	Biodegradation of Phenolic and Polycyclic Aromatic Compounds by Some Algae and Cyanobacteria. <i>Journal of Bioremediation & Biodegradation</i> , 2012, 03, .	0.5	54
24	Therapeutic Uses of Red Macroalgae. <i>Molecules</i> , 2020, 25, 4411.	1.7	51
25	Effect of atrazine herbicide on growth, photosynthesis, protein synthesis, and fatty acid composition in the unicellular green alga <i>Chlorella kessleri</i> . <i>Ecotoxicology and Environmental Safety</i> , 1994, 29, 349-358.	2.9	46
26	Biodegradation of crude oil by some cyanobacteria under heterotrophic conditions. <i>Desalination and Water Treatment</i> , 2014, 52, 1448-1454.	1.0	45
27	Outdoor cultivation of the green microalga <i>Chlorella vulgaris</i> under stress conditions as a feedstock for biofuel. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18520-18532.	2.7	45
28	Production and characterization of antimicrobial active substance from the cyanobacterium <i>Nostoc muscorum</i> . <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 42-50.	2.0	44
29	Mixotrophic and heterotrophic growth of some microalgae using extract of fungal-treated wheat bran. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2012, 1, 12.	2.0	44
30	Differential effects of Co_2^+ and Ni_2^+ on protein metabolism in <i>Scenedesmus obliquus</i> and <i>Nitzschia perminuta</i> . <i>Environmental Toxicology and Pharmacology</i> , 2004, 16, 169-178.	2.0	42
31	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2000, 124, 187-204.	1.1	41
32	Stable Transformation of the Intact Cells of <i>Chlorella Kessleri</i> with High Velocity Microprojectiles. <i>Biologia Plantarum</i> , 1999, 42, 209-216.	1.9	40
33	Ethanol biofuel production and characteristics optimization from wheat straw hydrolysate: Performance and emission study of DI-diesel engine fueled with diesel/biodiesel/ethanol blends. <i>Renewable Energy</i> , 2022, 191, 591-607.	4.3	37
34	A new approach for COVID-19 treatment by micro-RNA. <i>Medical Hypotheses</i> , 2020, 143, 110203.	0.8	36
35	In vitro anticancer activity of polysaccharide extracted from red alga <i>Jania rubens</i> against breast and colon cancer cell lines. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 583.	0.4	35
36	Contamination of the marine environment in Egypt and Saudi Arabia with personal protective equipment during COVID-19 pandemic: A short focus. <i>Science of the Total Environment</i> , 2022, 810, 152046.	3.9	35

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37	Abolishing cadmium toxicity in <i>Chlorella vulgaris</i> by ascorbic acid, calcium, glucose and reduced glutathione. <i>Environmental Pollution</i> , 1998, 101, 169-174.	3.7	34
38	Potential assessment of some micro- and macroalgal species for bioethanol and biodiesel production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-17.	1.2	34
39	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2014, 14, .	0.4	32
40	Screening of different species of <i>Scenedesmus</i> isolated from Egyptian freshwater habitats for biodiesel production. <i>Renewable Energy</i> , 2018, 129, 114-120.	4.3	32
41	Effects of <i>Spirulina platensis</i> and <i>Amphora coffeaeformis</i> as dietary supplements on blood biochemical parameters, intestinal microbial population, and productive performance in broiler chickens. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1801-1811.	2.7	32
42	Green synthesis, characterization applications of iron oxide nanoparticles for antialgal and wastewater bioremediation using three brown algae. <i>International Journal of Phytoremediation</i> , 2021, 23, 1538-1552.	1.7	32
43	Application of Biosynthesized Silver Nanoparticles Against a Cancer Promoter Cyanobacterium, <i>Microcystis aeruginosa</i> . <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 6773-6779.	0.5	31
44	Production and characterization of antimicrobial active substance from <i>Spirulina platensis</i> . <i>Iranian Journal of Microbiology</i> , 2014, 6, 112-9.	0.8	31
45	Effective technological pectinases by <i>Aspergillus carneus</i> NRC1 utilizing the Egyptian orange juice industry scraps. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 12-18.	1.9	30
46	Antimicrobial, Antioxidant, and Antiviral Activities of Biosynthesized Silver Nanoparticles by Phycobiliprotein Crude Extract of the Cyanobacteria <i>Spirulina platensis</i> and <i>Nostoc linckia</i> . <i>BioNanoScience</i> , 2021, 11, 355-370.	1.5	30
47	Biosorption of Cadmium from Aqueous Solution by Free and Immobilized Dry Biomass of <i>Chlorella vulgaris</i> . <i>International Journal of Environmental Research</i> , 2019, 13, 511-521.	1.1	29
48	Algal production of extra and intra-cellular polysaccharides as an adaptive response to the toxin crude extract of <i>Microcystis aeruginosa</i> . <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2012, 9, 10.	1.8	28
49	Role of microalgal ligninolytic enzymes in industrial dye decolorization. <i>International Journal of Phytoremediation</i> , 2021, 23, 41-52.	1.7	26
50	Green technology for bioremediation of the eutrophication phenomenon in aquatic ecosystems: a review. <i>African Journal of Aquatic Science</i> , 2021, 46, 274-292.	0.5	26
51	Antagonistic Activity of Some Fungi and Cyanobacteria Species against <i>Rhizoctonia solani</i> . <i>International Journal of Plant Pathology</i> , 2011, 2, 101-114.	0.2	24
52	Induction of the synthesis of bioactive compounds of the marine alga <i>Tetraselmis tetraele</i> (West) Butcher grown under salinity stress. <i>Egyptian Journal of Aquatic Research</i> , 2016, 42, 385-391.	1.0	23
53	Temperature shift-induced changes in the antioxidant enzyme system of <i>Cyanobacterium synechocystis</i> PCC 6803. <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 433-435.	0.8	22
54	BIODEGRADATION OF BASIC FUCHSIN AND METHYL RED BY THE BLUE GREEN ALGAE <i>Hydrocoleum oligotrichum</i> AND <i>Oscillatoria limnetica</i> . <i>Environmental Engineering and Management Journal</i> , 2016, 15, 279-286.	0.2	22

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55	Role of microalgae and cyanobacteria in wastewater treatment: genetic engineering and omics approaches. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2173-2194.	1.8	21
56	River Nile Pollutants and Their Effect on Life Forms and Water Quality. <i>Monographiae Biologicae</i> , 2009, , 395-405.	0.1	19
57	Molecular identification, biomass, and biochemical composition of the marine chlorophyte <i>Chlorella</i> sp. MF1 isolated from Suez Bay. <i>Journal of Genetic Engineering and Biotechnology</i> , 2020, 18, 27.	1.5	19
58	Protective effects of <i>Spirulina</i> on the liver function and hyperlipidemia of rats and human. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 77-86.	0.5	18
59	Lipids extraction from the green alga <i>Ankistrodesmus falcatus</i> using different methods. <i>Rendiconti Lincei</i> , 2016, 27, 589-595.	1.0	18
60	Production and characterization of biodiesel from the unicellular green alga <i>Scenedesmus obliquus</i> . <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 783-793.	1.2	18
61	Comparative assessment of antioxidant activity and biochemical composition of four seaweeds, Rocky Bay of Abu Qir in Alexandria, Egypt. <i>Food Science and Technology</i> , 2021, 41, 29-40.	0.8	18
62	ANTIMICROBIAL ACTIVITY of <i>SPIRULINA PLATENSIS</i> AGAINST AQUATIC BACTERIAL ISOLATES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2017, 6, 1203-1208.	0.4	18
63	Inhibition of Photosystem II in the Green Alga <i>Scenedesmus obliquus</i> by Nickel. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1993, 188, 363-372.	0.5	17
64	Extracellular secretion of free fatty acids by the chrysophyte <i>Ochromonas danica</i> under photoautotrophic and mixotrophic growth. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 3111-3119.	1.7	17
65	Biosynthesis, characterization and synergistic effect of phytogetic gold nanoparticles by marine picoeukaryote <i>Picochlorum</i> sp. in combination with antimicrobials. <i>Rendiconti Lincei</i> , 2014, 25, 513-521.	1.0	17
66	Recyclable cascading of arsenic phytoremediation and lead removal coupled with high bioethanol production using desirable rice straws. <i>Biochemical Engineering Journal</i> , 2021, 168, 107950.	1.8	17
67	Antioxidant, antidiabetic, anti-inflammatory and anticancer potential of some seaweed extracts. <i>Food Science and Technology</i> , 0, 42, .	0.8	17
68	Efficacy of microencapsulated lactic acid bacteria in <i>Helicobacter pylori</i> eradication therapy. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 950.	0.4	17
69	Protoplast fusion and genetic recombination between <i>Ochromonas danica</i> (Chrysophyta) and <i>Haematococcus pluvialis</i> (Chlorophyta). <i>Phycologia</i> , 2016, 55, 65-71.	0.6	16
70	Efficacy of Immobilized Biomass of the Seaweeds <i>Ulva lactuca</i> and <i>Ulva fasciata</i> for Cadmium Biosorption. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 37-49.	0.7	16
71	Lockdowns and reduction of economic activities during the COVID-19 pandemic improved air quality in Alexandria, Egypt. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 11.	1.3	16
72	The efficient role of algae as green factories for nanotechnology and their vital applications. <i>Microbiological Research</i> , 2022, 263, 127111.	2.5	16

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73	Application of Plackett-Burman design for the high production of some valuable metabolites in marine alga <i>Nannochloropsis oculata</i> . <i>Egyptian Journal of Aquatic Research</i> , 2016, 42, 57-64.	1.0	15
74	Sodium Azide Priming Enhances Waterlogging Stress Tolerance in Okra (<i>Abelmoschus esculentus</i> L.). <i>Agronomy</i> , 2019, 9, 679.	1.3	15
75	Effect of UV-B radiation on amino acids profile, antioxidant enzymes and lipid peroxidation of some cyanobacteria and green algae. <i>International Journal of Radiation Biology</i> , 2020, 96, 1192-1206.	1.0	15
76	Decolorization of dyestuffs by some species of green algae and cyanobacteria and its consortium. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 3895-3906.	1.8	15
77	Lactic acid bacterial extracts as anti- <i>Helicobacter pylori</i> : a molecular approach. <i>Irish Journal of Medical Science</i> , 2013, 182, 439-452.	0.8	14
78	Treatment of sewage and industrial wastewater effluents by the cyanobacteria <i>Nostoc muscorum</i> and <i>Anabaena subcylindrica</i> . <i>Journal of Water Chemistry and Technology</i> , 2014, 36, 190-197.	0.2	14
79	Outdoor Cultivation of <i>Spirulina platensis</i> for Mass Production. <i>Notulae Scientia Biologicae</i> , 2018, 10, 38-44.	0.1	14
80	Biological Control of Fusarium Wilt Disease of Tomato Plants Using Seaweed Extracts. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4557-4570.	1.7	14
81	Detrimental effect of UV-B radiation on growth, photosynthetic pigments, metabolites and ultrastructure of some cyanobacteria and freshwater chlorophyta. <i>International Journal of Radiation Biology</i> , 2021, 97, 265-275.	1.0	14
82	Evaluation of antimicrobial activities of blue-green algae-mediated silver and gold nanoparticles. <i>Rendiconti Lincei</i> , 2021, 32, 747-759.	1.0	14
83	Antimicrobial activity of the cyanobacteria <i>Anabaena wisconsinense</i> and <i>Oscillatoria curviceps</i> against pathogens of fish in aquaculture. <i>Annals of Microbiology</i> , 2008, 58, 527-534.	1.1	13
84	Enhancement of biodiesel production from the green microalga <i>Micractinium reisseri</i> via optimization of cultivation regimes. <i>Journal of Taibah University for Science</i> , 2020, 14, 437-444.	1.1	13
85	Efficient Saccharification of the Microalga <i>Chlorella vulgaris</i> and its Conversion into Ethanol by Fermentation. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 767-774.	0.7	13
86	Variation of Some Nutritional Constituents and Fatty Acid Profiles of <i>Chlorella vulgaris</i> Beijerinck Grown under Auto and Heterotrophic Conditions. <i>International Journal of Botany</i> , 2009, 5, 153-159.	0.2	13
87	Efficacy of <i>Rhodotorula glutinis</i> and <i>Spirulina platensis</i> carotenoids in immunopotential of mice infected with <i>Candida albicans</i> SC5314 and <i>Pseudomonas aeruginosa</i> 35. <i>Folia Microbiologica</i> , 2010, 55, 61-67.	1.1	12
88	Poly-3-hydroxybutyrate (PHB) production by <i>Bacillus flexus</i> ME-77 using some industrial wastes. <i>Rendiconti Lincei</i> , 2015, 26, 109-119.	1.0	12
89	Impact of UV-B radiation on antioxidant enzymes and protein electrophoretic pattern of the green alga <i>Chlorococcum</i> sp.. <i>Annals of Microbiology</i> , 2008, 58, 195-201.	1.1	11
90	Impact of Water Quality on Ecosystems of the Nile River. <i>Handbook of Environmental Chemistry</i> , 2016, , 357-385.	0.2	11

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91	Simulation Treatment of Industrial Wastewater Using Microbiological Cell Immobilization Technique. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 595-604.	0.7	11
92	Assessment of the in vitro anticancer activities of cyanobacteria mediated silver oxide and gold nanoparticles in human colon CaCo-2 and cervical HeLa cells. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100556.	1.7	11
93	Biodegradation of some dyes by the green Alga <i>Chlorella vulgaris</i> and the Cyanobacterium <i>Aphanocapsa elachista</i> . Egyptian Journal of Botany, 2018, .	0.1	11
94	Effect of UV-B radiation on growth, photosynthetic activity and metabolic activities of <i>Chlorococcum</i> sp.. Annals of Microbiology, 2008, 58, 21-27.	1.1	10
95	Edible and Nonedible Biodiesel Feedstocks. , 2017, , 507-556.		10
96	Biological control of soil borne cucumber diseases using green marine macroalgae. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	10
97	Stable chloroplast transformation in <i>Chlamydomonas reinhardtii</i> using microprojectile bombardment. Folia Microbiologica, 2000, 45, 496-504.	1.1	9
98	The efficiency of microalgae-based remediation as a green process for industrial wastewater treatment. Algal Research, 2022, 66, 102775.	2.4	9
99	Temperature shift-induced changes in the antioxidant enzyme system of cyanobacterium <i>Synechocystis</i> PCC 6803. Biologia Plantarum, 1995, 37, 21-25.	1.9	8
100	Role of Rhizobacteria in Phytoremediation of Metal-Impacted Sites. , 2019, , 299-328.		8
101	Lipid extraction from some seaweeds and evaluation of its biodiesel production. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102087.	1.5	8
102	Antibacterial efficacy and phytochemical characterization of some marine brown algal extracts from the red sea, Egypt. Romanian Biotechnological Letters, 2020, 25, 1160-1169.	0.5	8
103	Assessment of Antioxidant Capacity and Phytochemical Composition of Brown and Red Seaweeds Sampled off Red Sea Coast. Applied Sciences (Switzerland), 2021, 11, 11079.	1.3	8
104	Biochemical Analyses of Ten Cyanobacterial and Microalgal Strains Isolated from Egyptian Habitats, and Screening for Their Potential against Some Selected Phytopathogenic Fungal Strains. Agronomy, 2022, 12, 1340.	1.3	8
105	Efficiency of lipid accumulating Actinomycetes isolated from soil for biodiesel production: Comparative study with microalgae. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 883-892.	1.2	7
106	Effect of Algal Cell Immobilization Technique on Sequencing Batch Reactors for Sewage Wastewater Treatment. International Journal of Environmental Research, 2017, 11, 603-611.	1.1	7
107	Influence of Molasses on Growth, Biochemical Composition and Ethanol Production of the Green Algae <i>Chlorella vulgaris</i> and <i>Scenedesmus obliquus</i> . Journal of Agricultural Engineering and Biotechnology, 2014, , 20-28.	0.1	7
108	Technological Approach of Bioremediation Using Microbial Tools. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 134-154.	0.3	7

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109	Influence of heavy metal as co-contamination on biodegradation of dyes by free and immobilized <i>Scenedesmus obliquus</i> . , 0, 182, 351-358.		7
110	Effect of crude seaweed extracts on seed germination, seedling growth and some metabolic processes of <i>Vicia faba</i> L. <i>Cytobios</i> , 2000, 101, 23-35.	0.2	7
111	Activity of some Nile River aquatic macrophyte extracts against the cyanobacterium <i>Microcystis aeruginosa</i> . <i>African Journal of Aquatic Science</i> , 2017, 42, 271-277.	0.5	6
112	Seasonal and spatial variation of aquatic macrophytes and phytoplankton community at El-Quanater El-Khayria River Nile, Egypt. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 344-352.	0.8	6
113	Enhancement of Biochemical and Nutritional Contents of Some Cultivated Seaweeds Under Laboratory Conditions. <i>Journal of Dietary Supplements</i> , 2018, 15, 318-329.	1.4	6
114	Optimization of biomass and fatty acid productivity of <i>Desmodesmus intermedius</i> as a promising microalga for biodiesel production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, , 1-14.	1.2	6
115	Effect of Cyanobacteria Isolates on Rice Seeds Germination in Saline Soil. <i>Baghdad Science Journal</i> , 2018, 15, 0016.	0.4	6
116	Influence of Fe ²⁺ on the biomass, pigments, and essential fatty acids of <i>Arthrospira platensis</i> . <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 621-629.	2.9	6
117	Lipid and fatty acids composition of photoautotrophically and heterotrophically grown <i>Chlamydomonas reinhardtii</i> . <i>Biologia Plantarum</i> , 1993, 35, 435.	1.9	5
118	Alterations in proteins and amino acids of the Nile cyanobacteria <i>Pseudanabaena limnetica</i> and <i>Anabaena wisconsinense</i> in response to industrial wastewater pollution. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 810-820.	0.5	5
119	Monitoring the degradation capability of novel haloalkaliphilic tributyltin chloride (TBTCI) resistant bacteria from butyltin-polluted site. <i>Revista Argentina De Microbiologia</i> , 2019, 51, 39-46.	0.4	5
120	Interactive effects of salinity and copper toxicity on the growth and photosynthetic efficiency of germlings and adult brown alga <i>Fucus ceranoides</i> (Fucales, Phaeophyceae). <i>Rendiconti Lincei</i> , 0, , 1.	1.0	5
121	The Therapeutic Potential of Spirulina to Combat COVID 19 Infection. <i>Egyptian Journal of Botany</i> , 2020, .	0.1	5
122	Distribution Pattern of Diatom Flora in the Surface Sediments of Bardawil Lagoon (North Sinai), Egypt. <i>Thalassas</i> , 2019, 35, 531-539.	0.1	4
123	Efficacy of Some Agriculture Wastes in Controlling Root Rot of <i>Glycine max</i> L. Induced by <i>Rhizoctonia solani</i> . <i>Asian Journal of Plant Pathology</i> , 2010, 5, 16-27.	0.3	4
124	Biological control of Fusarium tomato-wilt disease by cyanobacteria <i>Nostoc</i> spp.. <i>Archives of Microbiology</i> , 2022, 204, 116.	1.0	4
125	Potential of Ulvan Polysaccharide from <i>Ulva lactuca</i> as Antifungal Against Some Foodborne Fungi Isolated from Spoiled Tomato Sauce Cans. <i>Journal of Aquatic Food Product Technology</i> , 2022, 31, 658-671.	0.6	4
126	Construction of a novel vector for the nuclear transformation of the unicellular green alga <i>Chlamydomonas reinhardtii</i> and its stable expression. <i>Journal of Taibah University for Science</i> , 2019, 13, 529-535.	1.1	3

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127	Antialgal and antiproliferative activities of the algal silver nanoparticles against the toxic cyanobacterium <i>Microcystis aeruginosa</i> and human tumor colon cell line. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100352.	1.7	3
128	A new trend in the medication of hepatocyte cytotoxicity in mice: protective role of probiotic bacteria. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1555-1564.	2.7	3
129	Phytoplankton dynamics and renewable energy potential induced by the environmental conditions of Lake Burullus, Egypt. <i>Environmental Science and Pollution Research</i> , 2021, 28, 66043-66071.	2.7	3
130	Performance analysis of direct solar dryer driven by photovoltaic thermal energy recovery and solar air collector for drying materials and electricity generation. <i>Heat Transfer</i> , 0, , .	1.7	3
131	Saccharification of pre-treated wheat straw via optimized enzymatic production using <i>Aspergillus niger</i> : Chemical analysis of lignocellulosic matrix. <i>Biocatalysis and Biotransformation</i> , 2023, 41, 309-321.	1.1	3
132	Biosorption efficacy of living and non-living algal cells of <i>Microcystis aeruginosa</i> to toxic metals. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12149.	0.5	2
133	Physiological and spectroscopical changes of the thermophilic cyanobacterium <i>Synechococcus elongatus</i> under iron stress and recovery culture. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	1.0	2
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