Sami Sayadi

List of Publications by Year
in descending order

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371 papers	15,307 citations	17405 63 h-index	38300 95 g-index
378 all docs	378 docs citations	378 times ranked	15280 citing authors

#	Article	IF	Citations
1	Antidiabetic and Antioxidant Effects of Hydroxytyrosol and Oleuropein from Olive Leaves in Alloxan-Diabetic Rats. Journal of Agricultural and Food Chemistry, 2009, 57, 8798-8804.	2.4	308
2	Low cost biosorbent â€œbanana peelâ€•for the removal of phenolic compounds from olive mill wastewater: Kinetic and equilibrium studies. Journal of Hazardous Materials, 2009, 166, 117-125.	6.5	239
3	Treatment of olive oil mill wastewater by combined process electro-Fenton reaction and anaerobic digestion. Water Research, 2006, 40, 2007-2016.	5.3	212
4	Toward a High Yield Recovery of Antioxidants and Purified Hydroxytyrosol from Olive Mill Wastewaters. Journal of Agricultural and Food Chemistry, 2004, 52, 267-273.	2.4	205
5	Detrimental effects of high molecular-mass polyphenols on olive mill wastewater biotreatment. Process Biochemistry, 2000, 35, 725-735.	1.8	202
6	Laccase purification and characterization from Trametes trogii isolated in Tunisia: decolorization of textile dyes by the purified enzyme. Enzyme and Microbial Technology, 2006, 39, 141-148.	1.6	201
7	Hypolipidimic and antioxidant activities of oleuropein and its hydrolysis derivative-rich extracts from Chemlali olive leaves. Chemico-Biological Interactions, 2008, 176, 88-98.	1.7	190
8	Decolourization and detoxification of textile industry wastewater by the laccase-mediator system. Journal of Hazardous Materials, 2010, 175, 802-808.	6.5	179
9	Antibacterial activity of Thymus maroccanus and Thymus broussonetii essential oils against nosocomial infection â€“ bacteria and their synergistic potential with antibiotics. Phytomedicine, 2012, 19, 464-471.	2.3	174
10	Effect of storage on refined and husk olive oils composition: Stabilization by addition of natural antioxidants from Chemlali olive leaves. Food Chemistry, 2008, 108, 253-262.	4.2	170
11	Changes in microbial and soil properties following amendment with treated and untreated olive mill wastewater. Microbiological Research, 2006, 161, 93-101.	2.5	166
12	Roles of Lignin Peroxidase and Manganese Peroxidase from Phanerochaete chrysosporium in the Decolorization of Olive Mill Wastewaters. Applied and Environmental Microbiology, 1995, 61, 1098-1103.	1.4	165
13	Isolation and evaluation of antioxidants from leaves of a Tunisian cultivar olive tree. European Journal of Lipid Science and Technology, 2005, 107, 497-504.	1.0	153
14	Isolation and characterization ofHalomonassp. strain C2SS100, a hydrocarbon-degrading bacterium under hypersaline conditions. Journal of Applied Microbiology, 2009, 107, 785-794.	1.4	148
15	The use of polyphenolic extract, purified hydroxytyrosol and 3,4-dihydroxyphenyl acetic acid from olive mill wastewater for the stabilization of refined oils: a potential alternative to synthetic antioxidants. Food Chemistry, 2005, 93, 197-204.	4.2	146
16	Photocatalytic activity of ZnO doped with Ag on the degradation of endocrine disrupting under UV irradiation and the investigation of its antibacterial activity. Applied Surface Science, 2015, 347, 414-420.	3.1	143
17	Identification and Antioxidant Potential of Flavonoids and Low Molecular Weight Phenols in Olive Cultivar Chemlali Growing in Tunisia. Journal of Agricultural and Food Chemistry, 2005, 53, 236-241.	2.4	140
18	Anaerobic membrane reactor with phase separation for the treatment of cheese whey. Bioresource Technology, 2007, 98, 2102-2108.	4.8	140

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19	Hydroxytyrosol rich extract from olive leaves modulates cell cycle progression in MCF-7 human breast cancer cells. Food and Chemical Toxicology, 2011, 49, 179-184.	1.8	139
20	Photocatalytic degradation of bisphenol A in the presence of C-doped ZnO: Effect of operational parameters and photodegradation mechanism. Journal of Industrial and Engineering Chemistry, 2015, 32, 201-210.	2.9	139
21	Comparative Study on Phenolic Content and Antioxidant Activity during Maturation of the Olive Cultivar Chemlali from Tunisia. Journal of Agricultural and Food Chemistry, 2004, 52, 5476-5481.	2.4	130
22	Polyphenols dynamics and phytotoxicity in a soil amended by olive mill wastewaters. Journal of Environmental Management, 2007, 84, 134-140.	3.8	130
23	Supercritical CO 2 extraction and antioxidant activity of lycopene and Î²-carotene-enriched oleoresin from tomato (Lycopersicum esculentum L.) peels by-product of a Tunisian industry. Food and Bioproducts Processing, 2017, 102, 340-349.	1.8	121
24	Physicochemical treatments of anionic surfactants wastewater: Effect on aerobic biodegradability. Journal of Hazardous Materials, 2009, 164, 353-359.	6.5	119
25	Detoxification of olive mill wastewater by electrocoagulation and sedimentation processes. Journal of Hazardous Materials, 2007, 142, 58-67.	6.5	117
26	Simultaneous hydrocarbon biodegradation and biosurfactant production by oilfield-selected bacteria. Journal of Applied Microbiology, 2011, 111, 525-536.	1.4	114
27	Photocatalytic degradation of bisphenol A in the presence of Ceâ€“ZnO: Evolution of kinetics, toxicity and photodegradation mechanism. Materials Chemistry and Physics, 2016, 173, 95-105.	2.0	113
28	Polycyclic aromatic hydrocarbon degradation and biosurfactant production by a newly isolated Pseudomonas sp. strain from used motor oil-contaminated soil. International Biodeterioration and Biodegradation, 2017, 122, 128-140.	1.9	109
29	Application of a continuously stirred tank bioreactor (CSTR) for bioremediation of hydrocarbon-rich industrial wastewater effluents. Journal of Hazardous Materials, 2011, 189, 427-434.	6.5	105
30	Production, characterization and biotechnological potential of lipopeptide biosurfactants from a novel marine Bacillus stratosphericus strain FLU5. Ecotoxicology and Environmental Safety, 2019, 167, 441-449.	2.9	104
31	Purification and characterization of a novel laccase from the ascomycete Trichoderma atroviride: Application on bioremediation of phenolic compounds. Process Biochemistry, 2010, 45, 507-513.	1.8	103
32	Hypoglycemic and antioxidant effects of leaf essential oil of Pelargonium graveolens Lâ€™HÃ©r. in alloxan induced diabetic rats. Lipids in Health and Disease, 2012, 11, 81.	1.2	103
33	Potent fungi for decolourisation of olive oil mill wastewaters. Enzyme and Microbial Technology, 2003, 33, 802-809.	1.6	101
34	Salinity stress increases lipid, secondary metabolites and enzyme activity in Amphora subtropica and Dunaliella sp. for biodiesel production. Bioresource Technology, 2016, 218, 816-825.	4.8	97
35	Optimization of anaerobic co-digestion of olive mill wastewater and liquid poultry manure in batch condition and semi-continuous jet-loop reactor. Bioresource Technology, 2015, 182, 67-74.	4.8	96
36	Phenolic Composition, Sugar Contents and Antioxidant Activity of Tunisian Sweet Olive Cultivar with Regard to Fruit Ripening. Journal of Agricultural and Food Chemistry, 2009, 57, 2961-2968.	2.4	95

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37	Naphthalene and crude oil degradation by biosurfactant producing Streptomyces spp. isolated from Mitidja plain soil (North of Algeria). International Biodeterioration and Biodegradation, 2014, 86, 300-308.	1.9	94
38	Decolourization of olive mill waste-waters by the white-rot fungus Phanerochaete chrysosporium: involvement of the lignin-degrading system. Applied Microbiology and Biotechnology, 1992, 37, 813.	1.7	93
39	Hypocholesterolemic effects of phenolic-rich extracts of Chemlali olive cultivar in rats fed a cholesterol-rich diet. Bioorganic and Medicinal Chemistry, 2005, 13, 5362-5370.	1.4	93
40	Lipid-Lowering and Antioxidant Effects of Hydroxytyrosol and Its Triacetylated Derivative Recovered from Olive Tree Leaves in Cholesterol-Fed Rats. Journal of Agricultural and Food Chemistry, 2008, 56, 2630-2636.	2.4	93
41	Remazol Brilliant Blue R decolourization by the laccase from Trametes trogii. Chemosphere, 2006, 64, 998-1005.	4.2	91
42	Electrochemical oxidation post-treatment of landfill leachates treated with membrane bioreactor. Chemosphere, 2009, 75, 256-260.	4.2	88
43	Review: Effects of olive mill wastewater application on soil properties and plants growth. International Journal of Recycling of Organic Waste in Agriculture, 2013, 2, 15.	2.0	86
44	Catalytic wet peroxide photo-oxidation of phenolic olive oil mill wastewater contaminants. Applied Catalysis B: Environmental, 2007, 74, 11-18.	10.8	85
45	Evaluation of ultrasonic, acid, thermo-alkaline and enzymatic pre-treatments on anaerobic digestion of Ulva rigida for biogas production. Bioresource Technology, 2015, 187, 205-213.	4.8	85
46	Application of electro-Fenton oxidation for the detoxification of olive mill wastewater phenolic compounds. Water Science and Technology, 2004, 49, 97-102.	1.2	84
47	Anaerobic membrane bioreactor for the treatment of leachates from Jebel Chakir discharge in Tunisia. Journal of Hazardous Materials, 2010, 177, 918-923.	6.5	83
48	Application of acidogenic fixed-bed reactor prior to anaerobic membrane bioreactor for sustainable slaughterhouse wastewater treatment. Journal of Hazardous Materials, 2007, 149, 700-706.	6.5	80
49	Olive wastewater as an ecological fertiliser. Agronomy for Sustainable Development, 2006, 26, 61-67.	2.2	77
50	Pilot scale hybrid process for olive mill wastewater treatment and reuse. Chemical Engineering and Processing: Process Intensification, 2009, 48, 643-650.	1.8	75
51	Evaluating process imbalance of anaerobic digestion of olive mill wastewaters. Process Biochemistry, 2005, 40, 139-145.	1.8	74
52	Pilot-plant treatment of olive mill wastewaters by Phanerochaete chrysosporium coupled to anaerobic digestion and ultrafiltration. Process Biochemistry, 2006, 41, 159-167.	1.8	74
53	Hypocholesterolemic Effects of Phenolic Extracts and Purified Hydroxytyrosol Recovered from Olive Mill Wastewater in Rats Fed a Cholesterol-Rich Diet. Journal of Agricultural and Food Chemistry, 2007, 55, 624-631.	2.4	74
54	A newly high alkaline lipase: an ideal choice for application in detergent formulations. Lipids in Health and Disease, 2011, 10, 221.	1.2	73

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55	Disinfectant properties of essential oils from Salvia officinalis L. cultivated in Tunisia. Food and Chemical Toxicology, 2009, 47, 2755-2760.	1.8	72
56	Stability of refined olive oil and oliveâ€pomace oil added by phenolic compounds from olive leaves. European Journal of Lipid Science and Technology, 2010, 112, 894-905.	1.0	70
57	Effect of olive fruit fly infestation on the quality of olive oil from Chemlali cultivar during ripening. Food and Chemical Toxicology, 2010, 48, 3235-3241.	1.8	70
58	Degradation of anionic surfactants by Citrobacter braakii. Process Biochemistry, 2003, 38, 1245-1250.	1.8	69
59	Anti-obesity and cardioprotective effects of cinnamic acid in high fat diet- induced obese rats. Journal of Food Science and Technology, 2015, 52, 4369-4377.	1.4	69
60	Screening of white rot fungi for the treatment of olive mill wasteâ€waters. Journal of Chemical Technology and Biotechnology, 1993, 57, 141-146.	1.6	68
61	Performances of an activated sludge process for the treatment of fish processing saline wastewater. Desalination, 2009, 246, 389-396.	4.0	68
62	Oil content, phenolic profiling and antioxidant potential of Tunisian olive drupes. Journal of the Science of Food and Agriculture, 2010, 90, 1750-1758.	1.7	68
63	Bioremediation of petroleum hydrocarbons-contaminated soil by bacterial consortium isolated from an industrial wastewater treatment plant. Journal of Chemical Technology and Biotechnology, 2014, 89, 978-987.	1.6	68
64	Microalgal-based feed: promising alternative feedstocks for livestock and poultry production. Journal of Animal Science and Biotechnology, 2021, 12, 76.	2.1	68
65	Anaerobic membrane bioreactor treatment of domestic wastewater in Tunisia. Desalination, 2007, 207, 205-215.	4.0	67
66	Isolation and Characterization of Hydrocarbon-Degrading Yeast Strains from Petroleum Contaminated Industrial Wastewater. BioMed Research International, 2015, 2015, 1-11.	0.9	67
67	Extraction of antioxidants from olive mill wastewater and electro-coagulation of exhausted fraction to reduce its toxicity on anaerobic digestion. Journal of Hazardous Materials, 2008, 151, 531-539.	6.5	65
68	Olive (Olea europaea) Leaf Extract Induces Apoptosis and Monocyte/Macrophage Differentiation in Human Chronic Myelogenous Leukemia K562 Cells: Insight into the Underlying Mechanism. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-16.	1.9	65
69	Use of Whole Cells of Pseudomonas aeruginosa for Synthesis of the Antioxidant Hydroxytyrosol via Conversion of Tyrosol. Applied and Environmental Microbiology, 2004, 70, 2105-2109.	1.4	64
70	Improvement of anaerobic digestion of waste-activated sludge by using H2O2 oxidation, electrolysis, electro-oxidation and thermo-alkaline pretreatments. Environmental Science and Pollution Research, 2015, 22, 14717-14726.	2.7	64
71	Effect of bioaugmentation of activated sludge with white-rot fungi on olive mill wastewater detoxification. Letters in Applied Microbiology, 2006, 42, 405-411.	1.0	63
72	Lipid-Lowering and Antioxidant Effects of an Ethyl Acetate Extract of Fenugreek Seeds in High-Cholesterol-Fed Rats. Journal of Agricultural and Food Chemistry, 2010, 58, 2116-2122.	2.4	63

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73	Photocatalytic degradation of textile wastewater in presence of hydrogen peroxide: Effect of cerium doping titania. Journal of Industrial and Engineering Chemistry, 2016, 35, 36-44.	2.9	63
74	Emerging Technologies for Recovery of Value-Added Components from Olive Leaves and Their Applications in Food/Feed Industries. Food and Bioprocess Technology, 2017, 10, 229-248.	2.6	63
75	Screening for Ligninolytic Enzyme Production by Diverse Fungi from Tunisia. World Journal of Microbiology and Biotechnology, 2005, 21, 1415-1423.	1.7	62
76	Purification and characterization of the laccase secreted by the white rot fungus Perenniporia tephropora and its role in the decolourization of synthetic dyes. Journal of Applied Microbiology, 2006, 102, 061120055200061-???.	1.4	62
77	Chemical Composition and Biological Activities of Polar Extracts and Essential Oil of Roseâ€scented Geranium, Pelargonium graveolens. Phytotherapy Research, 2013, 27, 1206-1213.	2.8	62
78	Effect of cerium doping on the textural, structural and optical properties of zinc oxide: Role of cerium and hydrogen peroxide to enhance the photocatalytic degradation of endocrine disrupting compounds. Materials Science in Semiconductor Processing, 2015, 39, 807-816.	1.9	62
79	Zinc precipitation by heavy-metal tolerant sulfate-reducing bacteria enriched on phosphogypsum as a sulfate source. Minerals Engineering, 2007, 20, 173-178.	1.8	61
80	Isolation and characterization of a mesophilic heavy-metals-tolerant sulfate-reducing bacterium Desulfomicrobium sp. from an enrichment culture using phosphogypsum as a sulfate source. Journal of Hazardous Materials, 2007, 140, 264-270.	6.5	60
81	Effect of the Maturation Process on the Phenolic Fractions, Fatty Acids, and Antioxidant Activity of the ChÃ©toui Olive Fruit Cultivar. Journal of Agricultural and Food Chemistry, 2008, 56, 1560-1566.	2.4	59
82	Assessment of toxicity of the untreated and treated olive mill wastewaters and soil irrigated by using microbiotests. Ecotoxicology and Environmental Safety, 2008, 69, 488-495.	2.9	59
83	Characterization of a novel biosurfactant produced by Staphylococcus sp. strain 1E with potential application on hydrocarbon bioremediation. Journal of Basic Microbiology, 2012, 52, 408-418.	1.8	59
84	Detrimental effects of olive mill wastewater on the composting process of agricultural wastes. Waste Management, 2006, 26, 1099-1107.	3.7	58
85	Oxidative stability of refined olive and sunflower oils supplemented with lycopene-rich oleoresin from tomato peels industrial by-product, during accelerated shelf-life storage. Food Chemistry, 2018, 246, 295-304.	4.2	57
86	Mesophilic and thermophilic anaerobic digestion of biologically pretreated abattoir wastewaters in an upflow anaerobic filter. Journal of Hazardous Materials, 2009, 170, 263-271.	6.5	56
87	Screening and preliminary characterization of biosurfactants produced by Ochrobactrum sp. 1C and Brevibacterium sp. 7G isolated from hydrocarbon-contaminated soils. International Biodeterioration and Biodegradation, 2011, 65, 1182-1188.	1.9	55
88	Nitrogen or phosphorus repletion strategies for enhancing lipid or carotenoid production from Tetraselmis marina. Bioresource Technology, 2017, 238, 325-332.	4.8	55
89	Effect of environmental growth conditions on plasmid stability, plasmid copy number, and catechol 2,3-dioxygenase activity in free and immobilizedEscherichia coli cells. Biotechnology and Bioengineering, 1989, 33, 801-808.	1.7	54
90	Bioconversion of ferulic acid to vanillic acid byHalomonas elongataisolated from table-olive fermentation. FEMS Microbiology Letters, 2006, 262, 115-120.	0.7	54

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91	Separative recovery with lime of phosphate and fluoride from an acidic effluent containing H3PO4, HF and/or H2SiF6. Journal of Hazardous Materials, 2009, 170, 962-968.	6.5	54
92	Degradation of 4-chlorophenol by the white rot fungus Phanerochaete chrysosporium in free and immobilized cultures. Bioresource Technology, 2002, 84, 145-150.	4.8	53
93	The Î±-Glucosidase and Î±-Amylase Enzyme Inhibitory of Hydroxytyrosol and Oleuropein. Journal of Oleo Science, 2015, 64, 835-843.	0.6	53
94	Comparative Study on Beneficial Effects of Hydroxytyrosol- and Oleuropein-Rich Olive Leaf Extracts on High-Fat Diet-Induced Lipid Metabolism Disturbance and Liver Injury in Rats. BioMed Research International, 2020, 2020, 1-15.	0.9	53
95	Influence of medium type and serum on MTT reduction by flavonoids in the absence of cells. Cytotechnology, 2007, 52, 189-198.	0.7	52
96	Synthesis and recovery of high bioactive phenolics from table-olive brine process wastewater. Bioorganic and Medicinal Chemistry, 2008, 16, 9238-9246.	1.4	52
97	Apigetrin inhibits adipogenesis in 3T3-L1 cells by downregulating PPARÎ³ and CEBP-Î±. Lipids in Health and Disease, 2018, 17, 95.	1.2	52
98	Biodegradative potential and characterization of a novel aromatic-degrading bacterium isolated from a geothermal oil field under saline and thermophilic conditions. International Biodeterioration and Biodegradation, 2014, 86, 258-264.	1.9	51
99	Oleuropein activated AMPK and induced insulin sensitivity in C2C12 muscle cells. Life Sciences, 2016, 151, 167-173.	2.0	51
100	Characterization of a novel protease from Aeribacillus pallidus strain VP3 with potential biotechnological interest. International Journal of Biological Macromolecules, 2017, 94, 221-232.	3.6	51
101	Olive oil production sector: environmental effects and sustainability challenges. , 2017, , 1-28.		51
102	Oleuropein and hydroxytyrosol rich extracts from olive leaves attenuate liver injury and lipid metabolism disturbance in bisphenol A-treated rats. Food and Function, 2018, 9, 3220-3234.	2.1	51
103	Catalytic wet peroxide photo-oxidation of phenolic olive oil mill wastewater contaminants. Applied Catalysis B: Environmental, 2007, 77, 166-174.	10.8	50
104	Catalytic wet air oxidation of olive oil mill effluents. Applied Catalysis B: Environmental, 2008, 84, 749-757.	10.8	50
105	Isolation of a thermophilic and halophilic tyrosol-degrading Geobacillus from a Tunisian high-temperature oil field. FEMS Microbiology Letters, 2008, 283, 23-29.	0.7	50
106	Potential of hydroxytyrosol-rich composition from olive mill wastewater as a natural disinfectant and its effect on seeds vigour response. Food Chemistry, 2009, 117, 1-8.	4.2	50
107	Purification and characterization of a novel trimeric and thermotolerant laccase produced from the ascomycete Scytalidium thermophilum strain. Journal of Molecular Catalysis B: Enzymatic, 2011, 73, 35-42.	1.8	50
108	Involvement of lignin peroxidase in the decolourization of black olive mill wastewaters by Geotrichum candidum. Letters in Applied Microbiology, 2005, 40, 7-11.	1.0	49

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109	Synthesis of Hydroxytyrosol, 2-Hydroxyphenylacetic Acid, and 3-Hydroxyphenylacetic Acid by Differential Conversion of Tyrosol Isomers UsingSerratia marcescensStrain. Journal of Agricultural and Food Chemistry, 2005, 53, 6525-6530.	2.4	49
110	Olive phenolic compounds attenuate deltamethrin-induced liver and kidney toxicity through regulating oxidative stress, inflammation and apoptosis. Food and Chemical Toxicology, 2017, 106, 455-465.	1.8	49
111	Effect of Ce and Mn co-doping on photocatalytic performance of sol-gel TiO2. Solid State Sciences, 2019, 88, 20-28.	1.5	49
112	Evolution of several soil properties following amendment with olive mill wastewater. Progress in Natural Science: Materials International, 2009, 19, 1515-1521.	1.8	48
113	Biorefinery cascade processing for creating added value on tomato industrial by-products from Tunisia. Biotechnology for Biofuels, 2016, 9, 261.	6.2	48
114	Evaluation of hypocholesterolemic effect of oleuropein in cholesterol-fed rats. Chemico-Biological Interactions, 2016, 252, 54-60.	1.7	48
115	LC-MSâ€“MS and GC-MS analyses of biologically active extracts and fractions from Tunisian Juniperus phoenice leaves. Pharmaceutical Biology, 2017, 55, 88-95.	1.3	48
116	Influence of immobilization on the stability of pTG201 recombinant plasmid in some strains of Escherichia coli. Applied and Environmental Microbiology, 1987, 53, 740-744.	1.4	48
117	A compact process for the treatment of olive mill wastewater by combining wet hydrogen peroxide catalytic oxidation and biological techniques. Journal of Hazardous Materials, 2010, 183, 62-69.	6.5	47
118	Anaerobic co-digestion of Tunisian green macroalgae Ulva rigida with sugar industry wastewater for biogas and methane production enhancement. Waste Management, 2017, 61, 171-178.	3.7	47
119	Oligoflexus tunisiensis gen. nov., sp. nov., a Gram-negative, aerobic, filamentous bacterium of a novel proteobacterial lineage, and description of Oligoflexaceae fam. nov., Oligoflexales ord. nov. and Oligoflexia classis nov.. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3353-3359.	0.8	46
120	Treatment of cosmetic industry wastewater by submerged membrane bioreactor with consideration of microbial community dynamics. International Biodeterioration and Biodegradation, 2014, 88, 125-133.	1.9	46
121	Hydroxytyrosol Acyl Esters: Biosynthesis and Activities. Applied Biochemistry and Biotechnology, 2011, 163, 592-599.	1.4	45
122	Long term effects of olive mill wastewaters application on soil properties and phenolic compounds migration under arid climate. Agricultural Water Management, 2019, 212, 119-125.	2.4	45
123	Effect of Bisphenol A on the extremophilic microalgal strain Picocystis sp. (Chlorophyta) and its high BPA removal ability. Ecotoxicology and Environmental Safety, 2018, 158, 1-8.	2.9	44
124	Production of High Hydroxytyrosol Yields via Tyrosol Conversion byPseudomonas aeruginosaImmobilized Resting Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 9906-9911.	2.4	43
125	A non-toxic microbial surfactant from Marinobacter hydrocarbonoclasticus SdK644 for crude oil solubilization enhancement. Ecotoxicology and Environmental Safety, 2018, 154, 100-107.	2.9	43
126	The use of the immobilization of whole living cells to increase stability of recombinant plasmids in escherichia coli. Journal of Biotechnology, 1987, 6, 147-157.	1.9	42

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127	Synthesis of lipophilic tyrosyl esters derivatives and assessment of their antimicrobial and antileishmania activities. Lipids in Health and Disease, 2012, 11, 13.	1.2	42
128	Preparation of Monodisperse Food-Grade Oleuropein-Loaded W/O/W Emulsions Using Microchannel Emulsification and Evaluation of Their Storage Stability. Food and Bioprocess Technology, 2014, 7, 2014-2027.	2.6	42
129	Scale-down studies of membrane bioreactor degrading anionic surfactants wastewater: Isolation of new anionic-surfactant degrading bacteria. International Biodeterioration and Biodegradation, 2016, 114, 14-23.	1.9	41
130	Study of Heavy Metal Accumulation and Residual Toxicity in Soil Saturated with Phosphate Processing Wastewater. Water, Air, and Soil Pollution, 2017, 228, 215.	1.1	41
131	Efficiency of benthic diatom-associated bacteria in the removal of benzo(a)pyrene and fluoranthene. Science of the Total Environment, 2021, 751, 141399.	3.9	40
132	Effect of storage of olive mill wastewaters on hydroxytyrosol concentration. European Journal of Lipid Science and Technology, 2006, 108, 1021-1027.	1.0	39
133	Evaluation of hydrocarbon pollution in marine sediments of Sfax coastal areas from the Gabes Gulf of Tunisia, Mediterranean Sea. Environmental Earth Sciences, 2014, 72, 1073-1082.	1.3	39
134	Treatment of textile wastewater by submerged membrane bioreactor: InÂvitro bioassays for the assessment of stress response elicited by raw and reclaimed wastewater. Journal of Environmental Management, 2015, 160, 184-192.	3.8	39
135	Characterization of Amphora sp., a newly isolated diatom wild strain, potentially usable for biodiesel production. Bioprocess and Biosystems Engineering, 2015, 38, 1381-1392.	1.7	39
136	Selection of native Tunisian microalgae for simultaneous wastewater treatment and biofuel production. Bioresource Technology, 2015, 198, 424-430.	4.8	39
137	Rhamnolipids from Pseudomonas aeruginosa strain W10; as antibiofilm/antibiofouling products for metal protection. Journal of Basic Microbiology, 2017, 57, 364-375.	1.8	39
138	Application of combined membrane biological reactor and electro-oxidation processes for the treatment of landfill leachates. Water Science and Technology, 2009, 60, 605-614.	1.2	38
139	Impact of orthophosphate addition on biofilm development in drinking water distribution systems. Journal of Hazardous Materials, 2009, 167, 1198-1202.	6.5	38
140	Fungicidal effect of hydroxytyrosol-rich preparations from olive mill wastewater against Verticillium dahliae. Crop Protection, 2010, 29, 1208-1213.	1.0	38
141	Phenolic Composition, Isolation, and Structure of a New Deoxyloganic Acid Derivative from Dhokar and Gemriâ€Dhokar Olive Cultivars. Journal of Food Science, 2011, 76, C965-73.	1.5	38
142	Pilot-scale petroleum refinery wastewaters treatment systems: Performance and microbial communitiesâ€™ analysis. Chemical Engineering Research and Design, 2020, 141, 73-82.	2.7	38
143	Heterologous expression of lignin peroxidase of Phanerochaete chrysosporium in Aspergillus niger. Biotechnology Letters, 1999, 21, 849-853.	1.1	37
144	Sulfate reduction from phosphogypsum using a mixed culture of sulfate-reducing bacteria. International Biodeterioration and Biodegradation, 2005, 56, 236-242.	1.9	37

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145	Optimisation of the critical medium components for better growth of Picochlorum sp. and the role of stressful environments for higher lipid production. Journal of the Science of Food and Agriculture, 2014, 94, 1628-1638.	1.7	37
146	Prokaryotic diversity in a Tunisian hypersaline lake, Chott El Jerid. Extremophiles, 2016, 20, 125-138.	0.9	37
147	Optimized production and characterization of a detergent-stable protease from Lysinibacillus fusiformis C250R. International Journal of Biological Macromolecules, 2017, 101, 383-397.	3.6	37
148	Biodegradation of diclofenac by two green microalgae: Picocystis sp. and Graesiella sp.. Ecotoxicology and Environmental Safety, 2019, 186, 109769.	2.9	37
149	Microplastics in surface waters of the Gulf of Gabes, southern Mediterranean Sea: Distribution, composition and influence of hydrodynamics. Estuarine, Coastal and Shelf Science, 2020, 242, 106832.	0.9	37
150	Biodegradation of different molecular-mass polyphenols derived from olive mill wastewaters by Geotrichum candidum. International Biodeterioration and Biodegradation, 2009, 63, 407-413.	1.9	36
151	A novel organic solvent- and detergent-stable serine alkaline protease from Trametes cingulata strain CTM10101. International Journal of Biological Macromolecules, 2016, 91, 961-972.	3.6	36
152	Pilot-scale outdoor production of Scenedesmus sp. in raceways using flue gases and centrate from anaerobic digestion as the sole culture medium. Bioresource Technology, 2018, 262, 1-8.	4.8	36
153	Enzymatic pre-hydrolysis of organic fraction of municipal solid waste to enhance anaerobic digestion. Biomass and Bioenergy, 2019, 127, 105286.	2.9	36
154	Trichomes morphology, structure and essential oils of Pelargonium graveolens Lâ€™HÃ©r. (Geraniaceae). Industrial Crops and Products, 2013, 50, 604-610.	2.5	35
155	Origin and distribution of hydrocarbons and organic matter in the surficial sediments of the Sfax-Kerkennah channel (Tunisia, Southern Mediterranean Sea). Marine Pollution Bulletin, 2017, 117, 414-428.	2.3	35
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