

# Sami Sayadi

## List of Publications by Citations

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363  
papers

11,793  
citations

57  
h-index

84  
g-index

378  
ext. papers

13,351  
ext. citations

5.2  
avg, IF

6.66  
L-index

#	Paper	IF	Citations
363	Antidiabetic and antioxidant effects of hydroxytyrosol and oleuropein from olive leaves in alloxan-diabetic rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 8798-804	5.7	236
362	Treatment of olive oil mill wastewater by combined process electro-Fenton reaction and anaerobic digestion. <i>Water Research</i> , <b>2006</b> , 40, 2007-16	12.5	190
361	Detrimental effects of high molecular-mass polyphenols on olive mill wastewater biotreatment. <i>Process Biochemistry</i> , <b>2000</b> , 35, 725-735	4.8	186
360	Low cost biosorbent "banana peel" for the removal of phenolic compounds from olive mill wastewater: kinetic and equilibrium studies. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 166, 117-25	12.8	184
359	Toward a high yield recovery of antioxidants and purified hydroxytyrosol from olive mill wastewaters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 267-73	5.7	174
358	Laccase purification and characterization from <i>Trametes trogii</i> isolated in Tunisia: decolorization of textile dyes by the purified enzyme. <i>Enzyme and Microbial Technology</i> , <b>2006</b> , 39, 141-148	3.8	171
357	Hypolipidimic and antioxidant activities of oleuropein and its hydrolysis derivative-rich extracts from Chemlali olive leaves. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 176, 88-98	5	156
356	Changes in microbial and soil properties following amendment with treated and untreated olive mill wastewater. <i>Microbiological Research</i> , <b>2006</b> , 161, 93-101	5.3	148
355	Decolourization and detoxification of textile industry wastewater by the laccase-mediator system. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 175, 802-8	12.8	146
354	Effect of storage on refined and husk olive oils composition: Stabilization by addition of natural antioxidants from Chemlali olive leaves. <i>Food Chemistry</i> , <b>2008</b> , 108, 253-262	8.5	143
353	Antibacterial activity of <i>Thymus maroccanus</i> and <i>Thymus broussonetii</i> essential oils against nosocomial infection - bacteria and their synergistic potential with antibiotics. <i>Phytomedicine</i> , <b>2012</b> , 19, 464-71	6.5	135
352	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. <i>Food Chemistry</i> , <b>2005</b> , 93, 197-204	8.5	132
351	Isolation and evaluation of antioxidants from leaves of a Tunisian cultivar olive tree. <i>European Journal of Lipid Science and Technology</i> , <b>2005</b> , 107, 497-504	3	132
350	Identification and antioxidant potential of flavonoids and low molecular weight phenols in olive cultivar chemlali growing in Tunisia. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 236-41	5.7	130
349	Roles of Lignin Peroxidase and Manganese Peroxidase from <i>Phanerochaete chrysosporium</i> in the Decolorization of Olive Mill Wastewaters. <i>Applied and Environmental Microbiology</i> , <b>1995</b> , 61, 1098-103	4.8	130
348	Isolation and characterization of <i>Halomonas</i> sp. strain C2SS100, a hydrocarbon-degrading bacterium under hypersaline conditions. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 107, 785-94	4.7	126
347	Photocatalytic activity of ZnO doped with Ag on the degradation of endocrine disrupting under UV irradiation and the investigation of its antibacterial activity. <i>Applied Surface Science</i> , <b>2015</b> , 347, 414-420	6.7	119

346	Anaerobic membrane reactor with phase separation for the treatment of cheese whey. <i>Bioresource Technology</i> , <b>2007</b> , 98, 2102-8	11	118
345	Hydroxytyrosol rich extract from olive leaves modulates cell cycle progression in MCF-7 human breast cancer cells. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 179-84	4.7	112
344	Comparative study on phenolic content and antioxidant activity during maturation of the olive cultivar Chemlali from Tunisia. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 5476-81	5.7	112
343	Detoxification of olive mill wastewater by electrocoagulation and sedimentation processes. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 142, 58-67	12.8	101
342	Polyphenols dynamics and phytotoxicity in a soil amended by olive mill wastewaters. <i>Journal of Environmental Management</i> , <b>2007</b> , 84, 134-40	7.9	100
341	Simultaneous hydrocarbon biodegradation and biosurfactant production by oilfield-selected bacteria. <i>Journal of Applied Microbiology</i> , <b>2011</b> , 111, 525-36	4.7	99
340	Photocatalytic degradation of bisphenol A in the presence of C-doped ZnO: Effect of operational parameters and photodegradation mechanism. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 32, 201-210	6.3	97
339	Physicochemical treatments of anionic surfactants wastewater: Effect on aerobic biodegradability. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 164, 353-9	12.8	96
338	Purification and characterization of a novel laccase from the ascomycete <i>Trichoderma atroviride</i> : Application on bioremediation of phenolic compounds. <i>Process Biochemistry</i> , <b>2010</b> , 45, 507-513	4.8	92
337	Supercritical CO <sub>2</sub> extraction and antioxidant activity of lycopene and $\beta$ -carotene-enriched oleoresin from tomato ( <i>Lycopersicon esculentum</i> L.) peels by-product of a Tunisian industry. <i>Food and Bioproducts Processing</i> , <b>2017</b> , 102, 340-349	4.9	89
336	Potent fungi for decolourisation of olive oil mill wastewaters. <i>Enzyme and Microbial Technology</i> , <b>2003</b> , 33, 802-809	3.8	88
335	Application of a continuously stirred tank bioreactor (CSTR) for bioremediation of hydrocarbon-rich industrial wastewater effluents. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 189, 427-34	12.8	82
334	Remazol Brilliant Blue R decolourization by the laccase from <i>Trametes troglia</i> . <i>Chemosphere</i> , <b>2006</b> , 64, 998-1005	8.4	82
333	Phenolic composition, sugar contents and antioxidant activity of Tunisian sweet olive cultivar with regard to fruit ripening. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 2961-8	5.7	81
332	Decolourization of olive mill waste-waters by the white-rot fungus <i>Phanerochaete chrysosporium</i> : involvement of the lignin-degrading system. <i>Applied Microbiology and Biotechnology</i> , <b>1992</b> , 37, 813	5.7	80
331	Polycyclic aromatic hydrocarbon degradation and biosurfactant production by a newly isolated <i>Pseudomonas</i> sp. strain from used motor oil-contaminated soil. <i>International Biodeterioration and Biodegradation</i> , <b>2017</b> , 122, 128-140	4.8	79
330	Application of electro-Fenton oxidation for the detoxification of olive mill wastewater phenolic compounds. <i>Water Science and Technology</i> , <b>2004</b> , 49, 97-102	2.2	79
329	Hypocholesterolemic effects of phenolic-rich extracts of Chemlali olive cultivar in rats fed a cholesterol-rich diet. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 5362-70	3.4	77

328	Salinity stress increases lipid, secondary metabolites and enzyme activity in <i>Amphora subtropica</i> and <i>Dunaliella</i> sp. for biodiesel production. <i>Bioresource Technology</i> , <b>2016</b> , 218, 816-25	11	77
327	Anaerobic membrane bioreactor for the treatment of leachates from Jebel Chakir discharge in Tunisia. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 177, 918-23	12.8	76
326	Photocatalytic degradation of bisphenol A in the presence of CeZnO: Evolution of kinetics, toxicity and photodegradation mechanism. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 173, 95-105	4.4	74
325	Naphthalene and crude oil degradation by biosurfactant producing <i>Streptomyces</i> spp. isolated from Mitidja plain soil (North of Algeria). <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 86, 300-308	4.8	74
324	Electrochemical oxidation post-treatment of landfill leachates treated with membrane bioreactor. <i>Chemosphere</i> , <b>2009</b> , 75, 256-60	8.4	74
323	Lipid-lowering and antioxidant effects of hydroxytyrosol and its triacetylated derivative recovered from olive tree leaves in cholesterol-fed rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 2630-8	5.7	74
322	Hypoglycemic and antioxidant effects of leaf essential oil of <i>Pelargonium graveolens</i> L'HER in alloxan induced diabetic rats. <i>Lipids in Health and Disease</i> , <b>2012</b> , 11, 81	4.4	73
321	Application of acidogenic fixed-bed reactor prior to anaerobic membrane bioreactor for sustainable slaughterhouse wastewater treatment. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 149, 700-6	12.8	72
320	Catalytic wet peroxide photo-oxidation of phenolic olive oil mill wastewater contaminants: Part I. Reactivity of tyrosol over (AlFe)PILC. <i>Applied Catalysis B: Environmental</i> , <b>2007</b> , 74, 11-18	21.8	71
319	Pilot-plant treatment of olive mill wastewaters by <i>Phanerochaete chrysosporium</i> coupled to anaerobic digestion and ultrafiltration. <i>Process Biochemistry</i> , <b>2006</b> , 41, 159-167	4.8	69
318	Optimization of anaerobic co-digestion of olive mill wastewater and liquid poultry manure in batch condition and semi-continuous jet-loop reactor. <i>Bioresource Technology</i> , <b>2015</b> , 182, 67-74	11	68
317	Evaluating process imbalance of anaerobic digestion of olive mill wastewaters. <i>Process Biochemistry</i> , <b>2005</b> , 40, 139-145	4.8	66
316	Production, characterization and biotechnological potential of lipopeptide biosurfactants from a novel marine <i>Bacillus stratosphericus</i> strain FLU5. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 167, 441-449	7	66
315	Pilot scale hybrid process for olive mill wastewater treatment and reuse. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2009</b> , 48, 643-650	3.7	65
314	Evaluation of ultrasonic, acid, thermo-alkaline and enzymatic pre-treatments on anaerobic digestion of <i>Ulva rigida</i> for biogas production. <i>Bioresource Technology</i> , <b>2015</b> , 187, 205-213	11	63
313	Olive wastewater as an ecological fertiliser. <i>Agronomy for Sustainable Development</i> , <b>2006</b> , 26, 61-67	6.8	63
312	Hypocholesterolemic effects of phenolic extracts and purified hydroxytyrosol recovered from olive mill wastewater in rats fed a cholesterol-rich diet. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 624-31	5.7	62
311	Anaerobic membrane bioreactor treatment of domestic wastewater in Tunisia. <i>Desalination</i> , <b>2007</b> , 207, 205-215	10.3	62

310	Screening of white rot fungi for the treatment of olive mill waste-waters. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2007</b> , 57, 141-146	3.5	60
309	A newly high alkaline lipase: an ideal choice for application in detergent formulations. <i>Lipids in Health and Disease</i> , <b>2011</b> , 10, 221	4.4	58
308	Extraction of antioxidants from olive mill wastewater and electro-coagulation of exhausted fraction to reduce its toxicity on anaerobic digestion. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 151, 531-9	12.8	58
307	Lipid-lowering and antioxidant effects of an ethyl acetate extract of fenugreek seeds in high-cholesterol-fed rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 2116-22	5.7	57
306	Degradation of anionic surfactants by <i>Citrobacter braakii</i> . <i>Process Biochemistry</i> , <b>2003</b> , 38, 1245-1250	4.8	57
305	Effect of bioaugmentation of activated sludge with white-rot fungi on olive mill wastewater detoxification. <i>Letters in Applied Microbiology</i> , <b>2006</b> , 42, 405-11	2.9	56
304	Disinfectant properties of essential oils from <i>Salvia officinalis</i> L. cultivated in Tunisia. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 2755-60	4.7	55
303	Oil content, phenolic profiling and antioxidant potential of Tunisian olive drupes. <i>Journal of the Science of Food and Agriculture</i> , <b>2010</b> , 90, 1750-8	4.3	55
302	Use of whole cells of <i>Pseudomonas aeruginosa</i> for synthesis of the antioxidant hydroxytyrosol via conversion of tyrosol. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 2105-9	4.8	55
301	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. <i>Materials Science in Semiconductor Processing</i> , <b>2015</b> , 39, 807-816	4.3	53
300	Isolation and characterization of a mesophilic heavy-metals-tolerant sulfate-reducing bacterium <i>Desulfomicrobium</i> sp. from an enrichment culture using phosphogypsum as a sulfate source. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 140, 264-70	12.8	53
299	Stability of refined olive oil and olive-pomace oil added by phenolic compounds from olive leaves. <i>European Journal of Lipid Science and Technology</i> , <b>2010</b> , 112, 894-905	3	52
298	Degradation of 4-chlorophenol by the white rot fungus <i>Phanerochaete chrysosporium</i> in free and immobilized cultures. <i>Bioresource Technology</i> , <b>2002</b> , 84, 145-50	11	52
297	Characterization of a novel biosurfactant produced by <i>Staphylococcus</i> sp. strain 1E with potential application on hydrocarbon bioremediation. <i>Journal of Basic Microbiology</i> , <b>2012</b> , 52, 408-18	2.7	51
296	Performances of an activated sludge process for the treatment of fish processing saline wastewater. <i>Desalination</i> , <b>2009</b> , 246, 389-396	10.3	51
295	Effect of the maturation process on the phenolic fractions, fatty acids, and antioxidant activity of the ChÈoui olive fruit cultivar. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 1560-6	5.7	51
294	Purification and characterization of the laccase secreted by the white rot fungus <i>Perenniporia tephropora</i> and its role in the decolourization of synthetic dyes. <i>Journal of Applied Microbiology</i> , <b>2007</b> , 102, 1033-42	4.7	51
293	Detrimental effects of olive mill wastewater on the composting process of agricultural wastes. <i>Waste Management</i> , <b>2006</b> , 26, 1099-107	8.6	51

292	Screening and preliminary characterization of biosurfactants produced by <i>Ochrobactrum</i> sp. 1C and <i>Brevibacterium</i> sp. 7G isolated from hydrocarbon-contaminated soils. <i>International Biodeterioration and Biodegradation</i> , <b>2011</b> , 65, 1182-1188	4.8	50
291	Assessment of toxicity of the untreated and treated olive mill wastewaters and soil irrigated by using microbiotests. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 69, 488-95	7	50
290	Zinc precipitation by heavy-metal tolerant sulfate-reducing bacteria enriched on phosphogypsum as a sulfate source. <i>Minerals Engineering</i> , <b>2007</b> , 20, 173-178	4.9	50
289	Synthesis and recovery of high bioactive phenolics from table-olive brine process wastewater. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9238-46	3.4	50
288	Improvement of anaerobic digestion of waste-activated sludge by using H <sub>2</sub> O <sub>2</sub> oxidation, electrolysis, electro-oxidation and thermo-alkaline pretreatments. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 14717-26	5.1	49
287	Olive ( <i>Olea europaea</i> ) leaf extract induces apoptosis and monocyte/macrophage differentiation in human chronic myelogenous leukemia K562 cells: insight into the underlying mechanism. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2014</b> , 2014, 927619	6.7	49
286	Effect of olive fruit fly infestation on the quality of olive oil from Chemlali cultivar during ripening. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 3235-41	4.7	49
285	Screening for Ligninolytic Enzyme Production by Diverse Fungi from Tunisia. <i>World Journal of Microbiology and Biotechnology</i> , <b>2005</b> , 21, 1415-1423	4.4	48
284	Anti-obesity and cardioprotective effects of cinnamic acid in high fat diet- induced obese rats. <i>Journal of Food Science and Technology</i> , <b>2015</b> , 52, 4369-77	3.3	47
283	Effect of environmental growth conditions on plasmid stability, plasmid copy number, and catechol 2,3-dioxygenase activity in free and immobilized <i>Escherichia coli</i> cells. <i>Biotechnology and Bioengineering</i> , <b>1989</b> , 33, 801-8	4.9	47
282	Bioremediation of petroleum hydrocarbons-contaminated soil by bacterial consortium isolated from an industrial wastewater treatment plant. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 978-987	3.5	46
281	Catalytic wet air oxidation of olive oil mill effluents. <i>Applied Catalysis B: Environmental</i> , <b>2008</b> , 84, 749-757	1.8	46
280	Bioconversion of ferulic acid to vanillic acid by <i>Halomonas elongata</i> isolated from table-olive fermentation. <i>FEMS Microbiology Letters</i> , <b>2006</b> , 262, 115-20	2.9	46
279	Catalytic wet peroxide photo-oxidation of phenolic olive oil mill wastewater contaminants: Part II. Degradation and detoxification of low-molecular mass phenolic compounds in model and real effluent. <i>Applied Catalysis B: Environmental</i> , <b>2007</b> , 77, 166-174	21.8	45
278	Photocatalytic degradation of textile wastewater in presence of hydrogen peroxide: Effect of cerium doping titania. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 35, 36-44	6.3	44
277	Biodegradative potential and characterization of a novel aromatic-degrading bacterium isolated from a geothermal oil field under saline and thermophilic conditions. <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 86, 258-264	4.8	44
276	Purification and characterization of a novel trimeric and thermotolerant laccase produced from the ascomycete <i>Scytalidium thermophilum</i> strain. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2011</b> , 73, 35-42		43
275	A compact process for the treatment of olive mill wastewater by combining wet hydrogen peroxide catalytic oxidation and biological techniques. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 183, 62-9	12.8	43

274	Isolation of a thermophilic and halophilic tyrosol-degrading <i>Geobacillus</i> from a Tunisian high-temperature oil field. <i>FEMS Microbiology Letters</i> , <b>2008</b> , 283, 23-9	2.9	43
273	Involvement of lignin peroxidase in the decolourization of black olive mill wastewaters by <i>Geotrichum candidum</i> . <i>Letters in Applied Microbiology</i> , <b>2005</b> , 40, 7-11	2.9	43
272	Emerging Technologies for Recovery of Value-Added Components from Olive Leaves and Their Applications in Food/Feed Industries. <i>Food and Bioprocess Technology</i> , <b>2017</b> , 10, 229-248	5.1	42
271	The $\beta$ -Glucosidase and $\beta$ -Amylase Enzyme Inhibitory of Hydroxytyrosol and Oleuropein. <i>Journal of Oleo Science</i> , <b>2015</b> , 64, 835-43	1.6	42
270	Mesophilic and thermophilic anaerobic digestion of biologically pretreated abattoir wastewaters in an upflow anaerobic filter. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 170, 263-71	12.8	42
269	Influence of immobilization on the stability of pTG201 recombinant plasmid in some strains of <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , <b>1987</b> , 53, 740-4	4.8	42
268	Characterization of a novel protease from <i>Aeribacillus pallidus</i> strain VP3 with potential biotechnological interest. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 94, 221-232	7.9	41
267	Isolation and Characterization of Hydrocarbon-Degrading Yeast Strains from Petroleum Contaminated Industrial Wastewater. <i>BioMed Research International</i> , <b>2015</b> , 2015, 929424	3	41
266	Influence of medium type and serum on MTT reduction by flavonoids in the absence of cells. <i>Cytotechnology</i> , <b>2006</b> , 52, 189-98	2.2	41
265	Potential of hydroxytyrosol-rich composition from olive mill wastewater as a natural disinfectant and its effect on seeds vigour response. <i>Food Chemistry</i> , <b>2009</b> , 117, 1-8	8.5	40
264	The use of the immobilization of whole living cells to increase stability of recombinant plasmids in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , <b>1987</b> , 6, 147-157	3.7	40
263	Hydroxytyrosol acyl esters: biosynthesis and activities. <i>Applied Biochemistry and Biotechnology</i> , <b>2011</b> , 163, 592-9	3.2	39
262	Separative recovery with lime of phosphate and fluoride from an acidic effluent containing H <sub>3</sub> PO <sub>4</sub> , HF and/or H <sub>2</sub> SiF <sub>6</sub> . <i>Journal of Hazardous Materials</i> , <b>2009</b> , 170, 962-8	12.8	39
261	Synthesis of hydroxytyrosol, 2-hydroxyphenylacetic acid, and 3-hydroxyphenylacetic acid by differential conversion of tyrosol isomers using <i>Serratia marcescens</i> strain. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 6525-30	5.7	39
260	Oxidative stability of refined olive and sunflower oils supplemented with lycopene-rich oleoresin from tomato peels industrial by-product, during accelerated shelf-life storage. <i>Food Chemistry</i> , <b>2018</b> , 246, 295-304	8.5	39
259	Chemical composition and biological activities of polar extracts and essential oil of rose-scented geranium, <i>Pelargonium graveolens</i> . <i>Phytotherapy Research</i> , <b>2013</b> , 27, 1206-13	6.7	38
258	Production of high hydroxytyrosol yields via tyrosol conversion by <i>Pseudomonas aeruginosa</i> immobilized resting cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 9906-11	5.7	38
257	Oleuropein activated AMPK and induced insulin sensitivity in C2C12 muscle cells. <i>Life Sciences</i> , <b>2016</b> , 151, 167-173	6.8	37

256	Evolution of several soil properties following amendment with olive mill wastewater. <i>Progress in Natural Science: Materials International</i> , <b>2009</b> , 19, 1515-1521	3.6	37
255	Biorefinery cascade processing for creating added value on tomato industrial by-products from Tunisia. <i>Biotechnology for Biofuels</i> , <b>2016</b> , 9, 261	7.8	37
254	Nitrogen or phosphorus repletion strategies for enhancing lipid or carotenoid production from <i>Tetraselmis marina</i> . <i>Bioresource Technology</i> , <b>2017</b> , 238, 325-332	11	36
253	Olive phenolic compounds attenuate deltamethrin-induced liver and kidney toxicity through regulating oxidative stress, inflammation and apoptosis. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 106, 455-465	4.7	36
252	Treatment of cosmetic industry wastewater by submerged membrane bioreactor with consideration of microbial community dynamics. <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 88, 125-133	4.8	35
251	Preparation of Monodisperse Food-Grade Oleuropein-Loaded W/O/W Emulsions Using Microchannel Emulsification and Evaluation of Their Storage Stability. <i>Food and Bioprocess Technology</i> , <b>2014</b> , 7, 2014-2027	5.1	35
250	Synthesis of lipophilic tyrosyl esters derivatives and assessment of their antimicrobial and antileishmania activities. <i>Lipids in Health and Disease</i> , <b>2012</b> , 11, 13	4.4	35
249	Olive oil production sector: environmental effects and sustainability challenges <b>2017</b> , 1-28		35
248	Treatment of textile wastewater by submerged membrane bioreactor: In vitro bioassays for the assessment of stress response elicited by raw and reclaimed wastewater. <i>Journal of Environmental Management</i> , <b>2015</b> , 160, 184-92	7.9	34
247	Anaerobic co-digestion of Tunisian green macroalgae <i>Ulva rigida</i> with sugar industry wastewater for biogas and methane production enhancement. <i>Waste Management</i> , <b>2017</b> , 61, 171-178	8.6	33
246	Characterization of <i>Amphora</i> sp., a newly isolated diatom wild strain, potentially usable for biodiesel production. <i>Bioprocess and Biosystems Engineering</i> , <b>2015</b> , 38, 1381-92	3.7	33
245	Selection of native Tunisian microalgae for simultaneous wastewater treatment and biofuel production. <i>Bioresource Technology</i> , <b>2015</b> , 198, 424-30	11	33
244	Scale-down studies of membrane bioreactor degrading anionic surfactants wastewater: Isolation of new anionic-surfactant degrading bacteria. <i>International Biodeterioration and Biodegradation</i> , <b>2016</b> , 114, 14-23	4.8	33
243	Apigenin inhibits adipogenesis in 3T3-L1 cells by downregulating PPAR $\alpha$ and CEBP- $\beta$ . <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 95	4.4	33
242	Phenolic composition, isolation, and structure of a new deoxyloganic acid derivative from Dhokar and Gemri-Dhokar olive cultivars. <i>Journal of Food Science</i> , <b>2011</b> , 76, C965-73	3.4	33
241	A non-toxic microbial surfactant from <i>Marinobacter hydrocarbonoclasticus</i> SdK644 for crude oil solubilization enhancement. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 154, 100-107	7	32
240	Impact of orthophosphate addition on biofilm development in drinking water distribution systems. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 167, 1198-202	12.8	32
239	Optimization of lipase-catalyzed synthesis of acetylated tyrosol by response surface methodology. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 10298-305	5.7	32



238	Sulfate reduction from phosphogypsum using a mixed culture of sulfate-reducing bacteria. <i>International Biodeterioration and Biodegradation</i> , <b>2005</b> , 56, 236-242	4.8	32
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