

# Hedi Ben Mansour

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1407017/publications.pdf>

Version: 2024-02-01

109  
papers

2,077  
citations

279487

23  
h-index

301761

39  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of genotoxicity and pro-oxidant effect of the azo dyes: Acids yellow 17, violet 7 and orange 52, and of their degradation products by <i>Pseudomonas putida</i> mt-2. <i>Food and Chemical Toxicology</i> , 2007, 45, 1670-1677.	1.8	121
2	Occurrence of antibiotics in pharmaceutical industrial wastewater, wastewater treatment plant and sea waters in Tunisia. <i>Journal of Water and Health</i> , 2016, 14, 208-213.	1.1	110
3	Occurrence of 40 pharmaceutically active compounds in hospital and urban wastewaters and their contribution to Mahdia coastal seawater contamination. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1941-1955.	2.7	84
4	Persistent organic and inorganic pollutants in the effluents from the textile dyeing industries: Ecotoxicology appraisal via a battery of biotests. <i>Environmental Research</i> , 2021, 196, 110956.	3.7	79
5	Chemopreventive effect of cactus <i>Opuntia ficus indica</i> on oxidative stress and genotoxicity of aflatoxin B1. <i>Nutrition and Metabolism</i> , 2011, 8, 73.	1.3	67
6	Alteration of in vitro and acute in vivo toxicity of textile dyeing wastewater after chemical and biological remediation. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2634-2643.	2.7	64
7	Acid violet 7 and its biodegradation products induce chromosome aberrations, lipid peroxidation, and cholinesterase inhibition in mouse bone marrow. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1371-1378.	2.7	57
8	Synthesis and antigenotoxic activity of some naphtho[2,1-b]pyrano[3,2-e][1,2,4]triazolo[1,5-c]pyrimidine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 715-718.	2.6	56
9	Anti-oxidant, antibacterial, anti-biofilm, and anti-quorum sensing activities of four essential oils against multidrug-resistant bacterial clinical isolates. <i>Current Research in Translational Medicine</i> , 2020, 68, 59-66.	1.2	56
10	Abundance of carbapenemase genes ( <i>blaKPC</i> , <i>blaNDM</i> and <i>blaOXA-48</i> ) in wastewater effluents from Tunisian hospitals. <i>Environmental Pollution</i> , 2017, 229, 371-374.	3.7	49
11	Plasticizers and bisphenol A, in packaged foods sold in the Tunisian markets: study of their acute in vivo toxicity and their environmental fate. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22382-22392.	2.7	48
12	Phthalates and non-phthalate plasticizers in Tunisian marine samples: Occurrence, spatial distribution and seasonal variation. <i>Marine Pollution Bulletin</i> , 2021, 163, 111967.	2.3	47
13	Electrochemical impedance immunosensor for rapid detection of stressed pathogenic <i>Staphylococcus aureus</i> bacteria. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15796-15803.	2.7	43
14	Major, minor and trace element concentrations in spices and aromatic herbs from Sicily (Italy) and Mahdia (Tunisia) by ICP-MS and multivariate analysis. <i>Food Chemistry</i> , 2020, 313, 126094.	4.2	42
15	In vitro mutagenicity of Acid Violet 7 and its degradation products by <i>Pseudomonas putida</i> mt-2: Correlation with chemical structures. <i>Environmental Toxicology and Pharmacology</i> , 2009, 27, 231-236.	2.0	39
16	Isolation and characterization of antibiotic-resistant bacteria from pharmaceutical industrial wastewaters. <i>Microbial Pathogenesis</i> , 2015, 89, 54-61.	1.3	38
17	In vitro study of DNA damage induced by acid orange 52 and its biodegradation derivatives. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 489-495.	2.2	37
18	Partial characterization and antitumor activity of a polysaccharide isolated from watermelon rinds. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 632-641.	3.6	37

#	ARTICLE	IF	CITATIONS
19	Plasticizers and BPA Residues in Tunisian and Italian Culinary Herbs and Spices. <i>Journal of Food Science</i> , 2018, 83, 1769-1774.	1.5	35
20	Identification and risk assessment of human and veterinary antibiotics in the wastewater treatment plants and the adjacent sea in Tunisia. <i>Water Science and Technology</i> , 2017, 76, 3000-3021.	1.2	34
21	Les colorants textiles sources de contamination de l'eau: CRIBLAGE de la toxicité et des méthodes de traitement. <i>Revue Des Sciences De L'Eau</i> , 0, 24, 209-238.	0.2	33
22	Analgesic and anticholinergic activities of the venom prepared from the Mediterranean jellyfish <i>Pelagia noctiluca</i> (Forsskal, 1775). <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2012, 11, 15.	1.7	33
23	Screening of antimutagenicity via antioxidant activity in different extracts from the leaves of <i>Acacia salicina</i> from the center of Tunisia. <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 56-63.	2.0	29
24	Persistent plasticizers and bisphenol in the cheese of Tunisian markets induced biochemical and histopathological alterations in male BALB/c mice. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6545-6557.	2.7	26
25	Protective effect of cactus cladode extract against cisplatin induced oxidative stress, genotoxicity and apoptosis in balb/c mice: combination with phytochemical composition. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 111.	3.7	24
26	Ecotoxicological potential of antibiotic pollution in industrial wastewater: bioavailability, biomarkers, and occurrence in <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 15343-15350.	2.7	23
27	UPLC-MS/MS analysis of antibiotics in pharmaceutical effluent in Tunisia: ecotoxicological impact and multi-resistant bacteria dissemination. <i>Archives of Microbiology</i> , 2018, 200, 553-565.	1.0	22
28	Chemical Characterization of Different Products from the Tunisian <i>Opuntia ficus-indica</i> (L.) Mill.. <i>Foods</i> , 2022, 11, 155.	1.9	22
29	In vitro mutagenicity, NMR metabolite characterization of azo and triphenylmethanes dyes by adherent bacteria and the role of the <i>adhesin</i> gene in activated sludge. <i>Microbial Pathogenesis</i> , 2017, 103, 29-39.	1.3	21
30	Characterization of polysaccharides from <i>Prunus amygdalus</i> peels: Antioxidant and antiproliferative activities. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 198-206.	3.6	21
31	Decolorization of Textile Wastewater by <i>Pseudomonas putida</i> : Toxicity Assessment. <i>Environmental Engineering Science</i> , 2011, 28, 489-495.	0.8	20
32	Toxic effect of alpha cypermethrin, an environmental pollutant, on myocardial tissue in male wistar rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 5709-5717.	2.7	20
33	Bioremediation of industrial pharmaceutical drugs. <i>Drug and Chemical Toxicology</i> , 2012, 35, 235-240.	1.2	19
34	Synthesis and characterization of phenanthrene derivatives with anticancer property against human colon and epithelial cancer cell lines. <i>Comptes Rendus Chimie</i> , 2017, 20, 841-849.	0.2	19
35	Mutagenicity and genotoxicity of acid yellow 17 and its biodegradation products. <i>Drug and Chemical Toxicology</i> , 2009, 32, 222-229.	1.2	18
36	Organic contamination of Italian and Tunisian culinary herbs and spices. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 345-356.	0.7	18

#	ARTICLE	IF	CITATIONS
37	Discrimination of Tunisian Honey by Mineral and Trace Element Chemometrics Profiling. <i>Foods</i> , 2021, 10, 724.	1.9	17
38	Decolorization does not always mean detoxification: case study of a newly isolated <i>Pseudomonas peli</i> for decolorization of textile wastewater. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5790-5796.	2.7	16
39	Organic pollutants in marine samples from Tunisian coast: Occurrence and associated human health risks. <i>Environmental Pollution</i> , 2021, 271, 116266.	3.7	16
40	Genotoxic and anticholinesterase activities of acid violet 7 and its biodegradation products. <i>Drug and Chemical Toxicology</i> , 2009, 32, 230-237.	1.2	15
41	Cardioprotective effects of (E)-4-hydroxy-N-(1-(3-oxo-3H-benzof[chromen-2-yl)ethylidene)benzohydrazide: a newly synthesized coumarin hydrazone against isoproterenol-induced myocardial infarction in a rat model. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 989-998.	0.7	15
42	Contaminants of emerging concern in marine areas: First evidence of UV filters and paraben preservatives in seawater and sediment on the eastern coast of Tunisia. <i>Environmental Pollution</i> , 2022, 309, 119749.	3.7	15
43	Preliminary evaluation of plasticizer and BPA in Tunisian cosmetics and investigation of hazards on human skin cells. <i>International Journal of Environmental Health Research</i> , 2018, 28, 491-501.	1.3	14
44	Potential Use of Probiotic Consortium Isolated from Kefir for Textile Azo Dye Decolorization. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 1629-1635.	0.9	14
45	Histological endpoints and oxidative stress transcriptional responses in the Mediterranean mussel <i>Mytilus galloprovincialis</i> exposed to realistic doses of salicylic acid. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103855.	2.0	14
46	Screening of antimutagenicity via antioxidant activity in different extracts from the flowers of <i>Phlomis crinita</i> Cav. ssp <i>mauritanica</i> Munby from the center of Tunisia. <i>Drug and Chemical Toxicology</i> , 2009, 32, 283-292.	1.2	13
47	Degradation and detoxification of acid orange 52 by <i>Pseudomonas putida</i> mt-2: a laboratory study. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1527-1535.	2.7	13
48	Antimutagenic and free radical scavenger effects of leaf extracts from <i>Accacia salicina</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2011, 10, 37.	1.7	13
49	Toxicities effects of pharmaceutical, olive mill and textile wastewaters before and after degradation by <i>Pseudomonas putida</i> mt-2. <i>Cancer Cell International</i> , 2012, 12, 4.	1.8	13
50	Cytotoxic effects of seven Tunisian hospital wastewaters on the proliferation of human breast cancer cell line MDA-231: correlation with their chemical characterization. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20422-20428.	2.7	13
51	Monitoring of Environmental Hg Occurrence in Tunisian Coastal Areas. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5202.	1.2	13
52	Plasticizers and BPA in spices and aromatic herbs of Mediterranean areas. <i>Natural Product Research</i> , 2020, 34, 87-92.	1.0	12
53	Estrogenic hazards of short chain phthalates and bisphenols found in cosmetic products. <i>International Journal of Environmental Health Research</i> , 2022, 32, 252-263.	1.3	12
54	High leaf fluctuating asymmetry in two native plants growing in heavy metal-contaminated soil: the case of Metlaoui phosphate mining basin (Gafsa, Tunisia). <i>Environmental Monitoring and Assessment</i> , 2020, 192, 406.	1.3	12

#	ARTICLE	IF	CITATIONS
55	Phytochemical, Antibacterial, Antiproliferative, and Antioxidant Potentials and DNA Damage-Protecting Activity of <i>Acacia salicina</i> Extracts. <i>Journal of Medicinal Food</i> , 2009, 12, 675-683.	0.8	11
56	Treatment process and toxicities assessment of wastewater issued from anaerobic digestion of household wastes. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2437-2447.	2.7	11
57	An electrochemical DNA biosensor for trace amounts of mercury ion quantification. <i>Journal of Water and Health</i> , 2016, 14, 808-815.	1.1	11
58	Optimization of extraction with salicylic acid, rheological behavior and antiproliferative activity of pectin from <i>Citrus sinensis</i> peels. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 547-556.	3.6	11
59	Comparison of cellular mechanisms induced by pharmaceutical exposure to caffeine and its combination with salicylic acid in mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103888.	2.0	11
60	Depression: chronophysiology and chronotherapy. <i>Biological Rhythm Research</i> , 2014, 45, 77-91.	0.4	10
61	Incidence of dairy wastewater on morphological and physiological compartment of Chemlali and Chetoui olive. <i>Water Resources and Industry</i> , 2018, 20, 29-36.	1.9	10
62	Ecotoxicity profile of heavily contaminated surface water of two rivers in Tunisia. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103550.	2.0	10
63	Occurrence and antibiotic resistance of <i>Vibrio parahaemolyticus</i> isolated from the Tunisian coastal seawater. <i>Journal of Water and Health</i> , 2022, 20, 369-384.	1.1	10
64	Influence of the chemical structure on the biodegradability of acids yellow 17, violet 7 and orange 52 by <i>Pseudomonas putida</i> . <i>Annals of Microbiology</i> , 2009, 59, 9-15.	1.1	9
65	Ozone treatment of polysaccharides from <i>Arthrocnemum indicum</i> : Physico-chemical characterization and antiproliferative activity. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1315-1323.	3.6	9
66	Time- and dose-dependent biological effects of a sub-chronic exposure to realistic doses of salicylic acid in the gills of mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 88161-88171.	2.7	9
67	Designation of pathogenic resistant bacteria in the Sparusaurata sea collected in Tunisia coastlines: Correlation with high performance liquid chromatography-tandem mass spectrometry analysis of antibiotics. <i>Microbial Pathogenesis</i> , 2017, 106, 3-8.	1.3	8
68	Activity of cholesterol oxidase immobilized on Layered Double Hydroxide nanomaterials for biosensor application: <i>Acacia salicina</i> scavenging power of hypercholesterolemia therapy. <i>Microelectronic Engineering</i> , 2014, 126, 165-168.	1.1	7
69	An investigation of the well-water quality: immunosensor for pathogenic <i>Pseudomonas aeruginosa</i> detection based on antibody-modified poly(pyrrole-3 carboxylic acid) screen-printed carbon electrode. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18669-18675.	2.7	7
70	Effectiveness of dairy treated wastewater and different irrigation systems on the growth, biomass and fruiting of a Tunisian olive orchard ( <i>Olea europaea</i> L., cv Chemlali). <i>Natural Product Research</i> , 2020, 34, 183-186.	1.0	7
71	Quality characteristics and chemical evaluation of Chemlali olive oil produced under dairy wastewater irrigation. <i>Agricultural Water Management</i> , 2020, 236, 106124.	2.4	7
72	Tunisian essential oils as potential food antimicrobials and antioxidants and screening of their element profile. <i>European Food Research and Technology</i> , 2021, 247, 1221-1234.	1.6	7

#	ARTICLE	IF	CITATIONS
73	<i>In vivo</i> toxicities of the hospital effluent in Mahdia Tunisia. Journal of Water and Health, 2021, 19, 499-511.	1.1	7
74	Correlation between anticholinesterase and antioxidant activities of three aqueous extracts from Tunisian <i>Rhus pentaphyllum</i> . Annals of Clinical Microbiology and Antimicrobials, 2011, 10, 32.	1.7	6
75	Effect of Cadmium on Water Metabolism Regulation by <i>Meriones shawi</i> (Rodentia, Muridae). Environmental Engineering Science, 2011, 28, 237-248.	0.8	6
76	Polar extracts from (Tunisian) <i>Acacia salicina</i> Lindl. Study of the antimicrobial and antigenotoxic activities. BMC Complementary and Alternative Medicine, 2012, 12, 37.	3.7	6
77	Anticonvulsant and analgesic activities of crude extract and its fractions of the defensive secretion from the Mediterranean sponge, <i>Spongia officinalis</i> . Cancer Cell International, 2012, 12, 15.	1.8	6
78	Cytotoxic effect of chlorpyrifos ethyl and its degradation derivatives by <i>Pseudomonas peli</i> strain isolated from the Oued Hamdoun River (Tunisia). Toxicology and Industrial Health, 2016, 32, 707-713.	0.6	6
79	Contribution of adiponectin polymorphisms to the risk of coronary artery disease in a North African Tunisian population. Journal of Clinical Laboratory Analysis, 2018, 32, e22446.	0.9	6
80	Persistent organic pollutants in farmed European sea bass ( <i>Dicentrarchus labrax</i> , Linnaeus). Exposure and Risk Assessment, 2018, 35, 282-291.	1.1	6
81	Human urine contamination with environmental pollutants: simultaneous determination using UPLC-MS/MS. Journal of Water and Health, 2019, 17, 371-379.	1.1	6
82	Assessment of natural coagulants to remediate Tunisian textile wastewater by combining physicochemical, analytical, and toxicological data. Environmental Science and Pollution Research, 2020, 27, 40088-40100.	2.7	6
83	Photocatalytic and biodegradation treatments of paracetamol: investigation of the <i>in vivo</i> toxicity. Environmental Science and Pollution Research, 2021, 28, 14530-14545.	2.7	6
84	Coastal Surveillance and Water Quality monitoring in the Rejiche Sea, Tunisia. Water Environment Research, 2021, 93, 2025-2033.	1.3	6
85	Occurrence of Textile Dyes and Metals in Tunisian Textile Dyeing Effluent: Effects on Oxidative Stress Status and Histological Changes in Balb/c Mice. International Journal of Molecular Sciences, 2021, 22, 12568.	1.8	6
86	Chemical and Microbiological Assessment of Wastewater Discharged Along the Mediterranean Sea. Sustainability, 2022, 14, 2746.	1.6	6
87	New chiral 4-substituted 2-cyanoethyl-oxazolines: Synthesis and assessment of some biological activities. Chemico-Biological Interactions, 2014, 217, 41-48.	1.7	5
88	Reuse of Textile Wastewater after Treatment with Isolated Bacteria from Oued Hamdoun River. Bioremediation Journal, 2015, 19, 296-302.	1.0	5
89	Organic contamination in clams, <i>Venerupis aurea laeta</i> and <i>Cerastoderma edule glaucum</i> , from Sicily (Italy). Natural Product Research, 2018, 32, 1402-1406.	1.0	5
90	Optimization of polysaccharides extraction from quince peels: partial characterization, antioxidant and antiproliferative properties. Natural Product Research, 2020, 34, 1470-1474.	1.0	5

#	ARTICLE	IF	CITATIONS
91	Short-time irrigation on young olive tree ( <i>Olea europaea</i> L. cv. Chemlali) with untreated industrial poultry wastewater: investigation of growth parameters and leaves chemical composition. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50420-50429.	2.7	5
92	Treatment of Olive Mill Wastewaters by <i>Pseudomonas putida</i> mt-2: Toxicity Assessment of Untreated and Treated Effluent. <i>Environmental Engineering Science</i> , 2011, 28, 835-841.	0.8	4
93	Human cell death in relation to DNA damage after exposure to the untreated and biologically treated pharmaceutical wastewater. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3836-3842.	2.7	4
94	Oyster's cells regulatory volume decrease: A new tool for evaluating the toxicity of low concentration hydrocarbons in marine waters. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 327-333.	2.9	4
95	Monitoring hospital wastewaters for their probable genotoxicity. <i>Journal of Water and Health</i> , 2020, 18, 1-7.	1.1	4
96	Pomological Descriptors, Phenolic Compounds, and Chemical Monitoring in Olive Fruits Irrigated with Dairy Treated Wastewater. <i>Chemosensors</i> , 2021, 9, 130.	1.8	4
97	Identification and quantification of plasticizers, bisphenol, and environmental toxic mineral elements residues in medicines from Tunisian markets. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50462-50470.	2.7	3
98	Endocrine Disruption, Cytotoxicity and Genotoxicity of an Organophosphorus Insecticide. <i>Sustainability</i> , 2021, 13, 11512.	1.6	3
99	Murine chronotoxicity to the antiallergic agent, cetirizine. <i>Drug and Chemical Toxicology</i> , 2011, 34, 139-145.	1.2	2
100	Murine chronotoxicity to pharmaceutical wastewater. <i>Biological Rhythm Research</i> , 2014, 45, 167-181.	0.4	2
101	Comet assay with gill cells of <i>Mytilus galloprovincialis</i> end point tools for biomonitoring of water antibiotic contamination. <i>Toxicology and Industrial Health</i> , 2016, 32, 686-693.	0.6	2
102	A multi-biomarker approach for the early assessment of the toxicity of hospital wastewater using the freshwater organism <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	2
103	DNA as a Next-Generation Biomonitoring Tool of Hospital Effluent Contamination. <i>Sustainability</i> , 2022, 14, 2440.	1.6	2
104	Inhibition of seed germination and seedling growth of <i>Triticum aestivum</i> L. by industrial wastewaters. <i>International Journal of Environmental Technology and Management</i> , 2013, 16, 244.	0.1	1
105	In vivo protective role against water contamination with cerium via chronic administration of omega 3. <i>Environmental Science and Pollution Research</i> , 2017, 24, 146-151.	2.7	1
106	Evaluating the effect of dermaseptin S4 and its derivatives on multidrug-resistant bacterial strains and on the colon cancer cell line SW620. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40908-40916.	2.7	1
107	Effect of sunlight and salinity on the survival of pathogenic and non-pathogenic strains of <i>Vibrio parahaemolyticus</i> in water microcosms. <i>Water Environment Research</i> , 2022, 94, e10689.	1.3	1
108	Multidrug-resistant epi-endophytic bacterial community in <i>Posidonia oceanica</i> of Mahdia coast as biomonitoring factor for antibiotic contamination. <i>Archives of Microbiology</i> , 2022, 204, 229.	1.0	1

#	ARTICLE	IF	CITATIONS
109	Circadian variation in murine hematotoxicity induced by pharmaceutical wastewater. Biological Rhythm Research, 2014, 45, 325-333.	0.4	0