

# Kamel Chaieb

## List of Publications by Year in descending order

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76  
papers

3,763  
citations

186209  
28  
h-index

133188  
59  
g-index

77  
all docs

77  
docs citations

77  
times ranked

5270  
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemical composition and biological activity of clove essential oil, <i>Eugenia caryophyllata</i> ( <i>Syzigium aromaticum</i> L. Myrtaceae): a short review. <i>Phytotherapy Research</i> , 2007, 21, 501-506.	2.8	719
2	Phenolic composition of <i>Cynara cardunculus</i> L. organs, and their biological activities. <i>Comptes Rendus - Biologies</i> , 2008, 331, 372-379.	0.1	260
3	Antioxidant and antimicrobial activities of the edible medicinal halophyte <i>Tamarix gallica</i> L. and related polyphenolic constituents. <i>Food and Chemical Toxicology</i> , 2009, 47, 2083-2091.	1.8	242
4	Antibacterial activity of Thymoquinone, an active principle of <i>Nigella sativa</i> and its potency to prevent bacterial biofilm formation. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 29.	3.7	235
5	Drug resistance of bacterial dental biofilm and the potential use of natural compounds as alternative for prevention and treatment. <i>Microbial Pathogenesis</i> , 2015, 80, 39-49.	1.3	143
6	Biodegradation of triphenylmethane dye Malachite Green by <i>Sphingomonas paucimobilis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 705-711.	1.7	142
7	Biodegradation and decolorization of triphenylmethane dyes by <i>Staphylococcus epidermidis</i> . <i>Desalination</i> , 2010, 260, 137-146.	4.0	121
8	Adsorption of aflatoxin B1, zearalenone and ochratoxin A by microorganisms isolated from Kefir grains. <i>International Journal of Food Microbiology</i> , 2017, 251, 1-7.	2.1	121
9	Antibacterial and efflux pump inhibitors of thymol and carvacrol against food-borne pathogens. <i>Microbial Pathogenesis</i> , 2016, 99, 95-100.	1.3	116
10	Antioxidant properties of the essential oil of <i>Eugenia caryophyllata</i> and its antifungal activity against a large number of clinical <i>Candida</i> species. <i>Mycoses</i> , 2007, 50, 403-406.	1.8	110
11	Review: Biotechnology of mycotoxins detoxification using microorganisms and enzymes. <i>Toxicon</i> , 2019, 160, 12-22.	0.8	98
12	Synergistic effect of eugenol, carvacrol, thymol, p-cymene and $\beta$ -terpinene on inhibition of drug resistance and biofilm formation of oral bacteria. <i>Microbial Pathogenesis</i> , 2017, 112, 156-163.	1.3	80
13	Use of carvacrol, thymol, and eugenol for biofilm eradication and resistance modifying susceptibility of <i>Salmonella enterica</i> serovar Typhimurium strains to nalidixic acid. <i>Microbial Pathogenesis</i> , 2017, 104, 56-63.	1.3	79
14	Virulence and enterobacterial repetitive intergenic consensus PCR of <i>Vibrio alginolyticus</i> strains isolated from Tunisian cultured gilthead sea bream and sea bass outbreaks. <i>Veterinary Microbiology</i> , 2006, 117, 321-327.	0.8	72
15	Anti-bacterial and anti-biofilm activity of probiotic bacteria against oral pathogens. <i>Microbial Pathogenesis</i> , 2016, 97, 213-220.	1.3	65
16	Antibacterial and resistance-modifying activities of thymoquinone against oral pathogens. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2011, 10, 29.	1.7	64
17	ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES OF BLACK AND GREEN KOMBUCHA TEAS. <i>Journal of Food Biochemistry</i> , 2013, 37, 231-236.	1.2	59
18	In vitro effect of pH and ethanol on biofilm formation by clinical-positive <i>Staphylococcus epidermidis</i> strains. <i>Annals of Microbiology</i> , 2007, 57, 431-437.	1.1	56

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19	Detection of <i>icaA</i> and <i>icaD</i> loci by polymerase chain reaction and biofilm formation by <i>Staphylococcus epidermidis</i> isolated from dialysate and needles in a dialysis unit. <i>Journal of Hospital Infection</i> , 2005, 61, 225-230.	1.4	53
20	Investigation of several virulence properties among <i>Vibrio alginolyticus</i> strains isolated from diseased cultured fish in Tunisia. <i>Diseases of Aquatic Organisms</i> , 2009, 86, 21-28.	0.5	50
21	Use of lactic acid bacteria for the inhibition of <i>Aspergillus flavus</i> and <i>Aspergillus carbonarius</i> growth and mycotoxin production. <i>Toxicon</i> , 2019, 166, 15-23.	0.8	44
22	Detection by PCR of adhesins genes and slime production in clinical <i>Staphylococcus aureus</i> . <i>Journal of Basic Microbiology</i> , 2008, 48, 308-314.	1.8	42
23	Adherence assays and Slime production of <i>Vibrio alginolyticus</i> and <i>Vibrio parahaemolyticus</i> . <i>Brazilian Journal of Microbiology</i> , 2009, 40, 394-398.	0.8	40
24	Antibacterial and Anti-biofilm Activities of Potential Probiotic <i>Lactobacillus</i> Strains Isolated from Tunisian Traditional Fermented Food. <i>Journal of Food Safety</i> , 2013, 33, 8-16.	1.1	40
25	Aflatoxin B1 degradation by microorganisms isolated from Kombucha culture. <i>Toxicon</i> , 2020, 179, 76-83.	0.8	38
26	Survival of <i>Vibrio alginolyticus</i> in seawater and retention of virulence of its starved cells. <i>Marine Environmental Research</i> , 2007, 64, 469-478.	1.1	37
27	XTT assay for evaluating the effect of alcohols, hydrogen peroxide and benzalkonium chloride on biofilm formation of <i>Staphylococcus epidermidis</i> . <i>Microbial Pathogenesis</i> , 2011, 50, 1-5.	1.3	36
28	Multiplex PCR detection of the antibiotic resistance genes in <i>Staphylococcus aureus</i> strains isolated from auricular infections. <i>Folia Microbiologica</i> , 2008, 53, 357-362.	1.1	32
29	Decolorization and phytotoxicity reduction of reactive blue 40 dye in real textile wastewater by active consortium: Anaerobic/aerobic algal-bacterial-probiotic bioreactor. <i>Journal of Microbiological Methods</i> , 2021, 181, 106129.	0.7	31
30	Quantitative study, identification and antibiotics sensitivity of some <i>Vibrionaceae</i> associated to a marine fish hatchery. <i>Annals of Microbiology</i> , 2006, 56, 289-293.	1.1	25
31	Polymorphisms of glutathione-S-transferase M1 and T1 and prostate cancer risk in a Tunisian population. <i>Cancer Epidemiology</i> , 2010, 34, 598-603.	0.8	25
32	Atomic force microscopy and hydrodynamic characterization of the adhesion of <i>Staphylococcus aureus</i> to hydrophilic and hydrophobic substrata at different pH values. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 887-896.	1.7	25
33	Biodegradation and decolorization of azo dyes by adherent <i>Staphylococcus lentus</i> strain. <i>Applied Biological Chemistry</i> , 2016, 59, 405-413.	0.7	25
34	Computational screening of natural compounds as putative quorum sensing inhibitors targeting drug resistance bacteria: Molecular docking and molecular dynamics simulations. <i>Computers in Biology and Medicine</i> , 2022, 145, 105517.	3.9	25
35	Screening of antimicrobial activity of marine sponge extracts collected from Tunisian coast. <i>Journal De Mycologie Medicale</i> , 2007, 17, 183-187.	0.7	23
36	Use of juglone as antibacterial and potential efflux pump inhibitors in <i>Staphylococcus aureus</i> isolated from the oral cavity. <i>Microbial Pathogenesis</i> , 2016, 101, 44-49.	1.3	23

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37	INHIBITORY EFFECT OF CLOVE OIL ( <i>SYZIUM AROMATICUM</i> ) AGAINST <i>LISTERIA MONOCYTOGENES</i> CELLS INCUBATED IN FRESH CUT SALMON. <i>Journal of Food Safety</i> , 2010, 30, 432-442.	1.1	21
38	N-alkyl 2-pyridone versus O-alkyl 2-pyridol: Ultrasonic synthesis, DFT, docking studies and their antimicrobial evaluation. <i>Journal of Molecular Structure</i> , 2020, 1199, 126926.	1.8	21
39	Phenotypic Variations and Molecular Identification of <i>Salmonella enterica</i> Serovar Typhimurium Cells Under Starvation in Seawater. <i>Current Microbiology</i> , 2007, 55, 485-491.	1.0	19
40	Using mixture design to construct consortia of potential probiotic <i>Bacillus</i> strains to protect gnotobiotic <i>Artemia</i> against pathogenic <i>Vibrio</i> . <i>Biocontrol Science and Technology</i> , 2010, 20, 983-996.	0.5	18
41	Survival of <i>Listeria monocytogenes</i> Cells and the Effect of Extended Frozen Storage ( $\sim 20^{\circ}\text{C}$ ) on the Expression of Its Virulence Gene. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1174-1183.	1.4	15
42	CYP17 gene polymorphism and prostate cancer susceptibility in a Tunisian population. <i>Cancer Epidemiology</i> , 2011, 35, 480-484.	0.8	14
43	Mathematical modeling and optimization by the application of full factorial design and response surface methodology approach for decolourization of dyes by a newly isolated <i>Photobacterium ganghwense</i> . <i>Journal of Water Process Engineering</i> , 2021, 44, 102429.	2.6	14
44	Genomic Analysis of Multidrug-Resistant Hypervirulent (Hypermucoviscous) <i>Klebsiella pneumoniae</i> Strain Lacking the Hypermucoviscous Regulators ( <i>rmpA/rmpA2</i> ). <i>Antibiotics</i> , 2022, 11, 596.	1.5	14
45	PCR detection of nitrite reductase genes ( <i>nirK</i> and <i>nirS</i> ) and use of active consortia of constructed ternary adherent staphylococcal cultures via mixture design for a denitrification process. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 473-480.	1.7	13
46	DNA Fingerprinting of a Multi-resistant Coagulase-negative Staphylococci Isolated from Biomaterials in Dialysis Services. <i>Archives of Medical Research</i> , 2006, 37, 953-960.	1.5	12
47	Modulation of drug resistance and biofilm formation of <i>Staphylococcus aureus</i> isolated from the oral cavity of Tunisian children. <i>Brazilian Journal of Infectious Diseases</i> , 2017, 21, 27-34.	0.3	12
48	Virucidal Effect of Guggulsterone Isolated from <i>Commiphora gileadensis</i> . <i>Planta Medica</i> , 2019, 85, 1225-1232.	0.7	12
49	Hormonal status of cortisol and dehydroepiandrosterone sulfate in an elderly Tunisian population. <i>Comptes Rendus - Biologies</i> , 2007, 330, 755-763.	0.1	11
50	Lack of Association of CYP1A1 Polymorphism with Prostate Cancer Susceptibility of Tunisian Men. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 661-666.	0.3	11
51	Cytotoxicity, Antibacterial, Antioxidant, and Antibiofilm Properties of Tunisian <i>Juglans regia</i> Bark Extract. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2013, 19, 168-179.	0.5	11
52	Inhibitory effect of kefir on <i>Aspergillus</i> growth and mycotoxin production. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	0.6	11
53	Probiotic properties of halophilic <i>Bacillus</i> strains enhance protection of <i>Artemia</i> culture against pathogenic <i>Vibrio</i> . <i>Aquatic Biology</i> , 2011, 13, 225-231.	0.5	11
54	RT-PCR assays for in vivo expression of <i>Vibrio alginolyticus</i> virulence genes in cultured gilthead <i>Dicentrarchus labrax</i> and <i>Sparus aurata</i> . <i>Annals of Microbiology</i> , 2009, 59, 63-67.	1.1	10

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55	Molecular detection of bacteria associated to dental caries in 4â€“12-year-old Tunisian children. <i>Microbial Pathogenesis</i> , 2014, 71-72, 32-36.	1.3	10
56	Decolorization of Reactive Yellow 174 dye in real textile wastewater by active consortium: experimental factorial design for bioremediation process optimization. <i>Journal of the Textile Institute</i> , 2021, 112, 1449-1459.	1.0	10
57	Molecular identification of indigenous halotolerant bacteria isolated from the red sea coast applied for biodegradation of synthetic dyes and assessment of degraded metabolite toxicity. <i>Chemical Engineering Research and Design</i> , 2022, 160, 817-838.	2.7	10
58	Starvation survival of <i>Candida albicans</i> in various water microcosms. <i>Journal of Basic Microbiology</i> , 2011, 51, 357-363.	1.8	9
59	Culture conditions improvement of <i>Crassostrea gigas</i> using a potential probiotic <i>Bacillus</i> sp strain. <i>Microbial Pathogenesis</i> , 2017, 110, 654-658.	1.3	9
60	Adherence assays and Slime production of <i>Vibrio alginolyticus</i> and <i>Vibrio parahaemolyticus</i> . <i>Brazilian Journal of Microbiology</i> , 2009, 40, 394-8.	0.8	9
61	Effect of a Berry Polyphenolic Fraction on Biofilm Formation, Adherence Properties and Gene Expression of <i>Streptococcus mutans</i> and Its Biocompatibility with Oral Epithelial Cells. <i>Antibiotics</i> , 2021, 10, 46.	1.5	8
62	Adsorption of Crystal Violet Dye on Modified Bentonites. <i>Asian Journal of Chemistry</i> , 2016, 28, 1643-1647.	0.1	7
63	Molecular identification of potential denitrifying bacteria and use of D-optimal mixture experimental design for the optimization of denitrification process. <i>Microbial Pathogenesis</i> , 2016, 93, 158-165.	1.3	7
64	Plasma Antioxidants and Human Aging: A Study on Healthy Elderly Tunisian Population. <i>Molecular Biotechnology</i> , 2008, 40, 27-37.	1.3	6
65	In silico screening of the effectiveness of natural compounds from algae as SARS-CoV-2 inhibitors: molecular docking, ADMT profile and molecular dynamic studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 3129-3144.	2.0	6
66	Detection of the intercellular adhesion loci ( <i>ica</i> ) in clinical <i>Staphylococcus aureus</i> strains responsible for hospital acquired auricular infection. <i>Annals of Microbiology</i> , 2006, 56, 349-352.	1.1	5
67	Non-competitive interactions between hydroxychloroquine and azithromycin: Systematic density functional, molecular dynamics, and docking calculations. <i>Chemical Physics Letters</i> , 2021, 777, 138745.	1.2	5
68	Anti-Biofilm, Antioxidant and Cytotoxic Potential of F5, a Peptide Derived from Waste Generated During the Processing of the White Shrimp, <i>Metapenaeus monoceros</i> (Fabricius, 1798). <i>Waste and Biomass Valorization</i> , 2022, 13, 3233-3244.	1.8	3
69	Allele frequencies of ten short tandem repeats loci in the central Tunisian human population. <i>Journal of Genetics</i> , 2009, 88, 119-122.	0.4	2
70	Synthesis and evaluation of antibacterial and antibiofilm activities of pyridin-2-yl hexanoate. <i>Microbial Pathogenesis</i> , 2018, 125, 205-209.	1.3	2
71	Inhibitory activity of marine sponge metabolites on SARS-CoV-2 RNA dependent polymerase: virtual screening and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10191-10202.	2.0	2
72	Does probiotic Kefir reduce dyslipidemia, hematological disorders and oxidative stress induced by zearalenone toxicity in wistar rats?. <i>Toxicon: X</i> , 2022, 14, 100121.	1.2	2

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73	Whole-Genome Sequence of Multidrug-Resistant Methicillin-Resistant <i>Staphylococcus epidermidis</i> Carrying Biofilm-Associated Genes and a Unique Composite of SCCmec. <i>Antibiotics</i> , 2022, 11, 861.	1.5	2
74	Molecular Docking Studies, Chemical Composition, Antioxidant, Cytotoxicity, Antibacterial and Antifungal Activities of <i>Globularia alypum</i> Extract. <i>Current Bioactive Compounds</i> , 2022, 18, .	0.2	1
75	Biofilm formation and virulence properties of <i>Candida</i> spp. isolated from hospitalised patients in Tunisia. <i>Annals of Microbiology</i> , 2010, 60, 481-488.	1.1	0
76	The ameliorative effect of <i>Lactobacillus paracasei</i> BEJ01 against FB1 induced spermatogenesis disturbance, testicular oxidative stress and histopathological damage. <i>Toxicology Mechanisms and Methods</i> , 0, , 1-10.	1.3	0