

# Fakher Frikha

## List of Publications by Year in descending order

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66  
papers

1,343  
citations

331538

21  
h-index

377752

34  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of statistical experimental design for optimization of keratinases production by <i>Bacillus pumilus</i> A1 grown on chicken feather and some biochemical properties. <i>Process Biochemistry</i> , 2010, 45, 617-626.	1.8	104
2	Sawdust waste as a low-cost support-substrate for laccases production and adsorbent for azo dyes decolorization. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2016, 14, 1.	1.4	73
3	Potential utilization of agro-industrial wastewaters for lipid production by the oleaginous yeast <i>Debaryomyces etchellsii</i> . <i>Journal of Cleaner Production</i> , 2016, 133, 899-909.	4.6	68
4	Production, purification and biochemical characterization of a novel detergent-stable serine alkaline protease from <i>Bacillus safensis</i> strain RH12. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 1227-1239.	3.6	66
5	Fatty acid composition of green crab ( <i>Carcinus mediterraneus</i> ) from the Tunisian mediterranean coasts. <i>Food Chemistry</i> , 2008, 111, 930-933.	4.2	62
6	Low-cost fermentation medium for alkaline protease production by <i>Bacillus mojavensis</i> A21 using hulled grain of wheat and sardinella peptone. <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 288-294.	1.1	58
7	N-terminal peptide of <i>Rhizopus oryzae</i> lipase is important for its catalytic properties. <i>FEBS Letters</i> , 2005, 579, 976-982.	1.3	48
8	Fibrinolytic enzymes from a newly isolated marine bacterium <i>Bacillus subtilis</i> A26: characterization and statistical media optimization. <i>Canadian Journal of Microbiology</i> , 2009, 55, 1049-1061.	0.8	48
9	Optimization of Acid Protease Production by <i>Aspergillus niger</i> on Shrimp Peptone Using Statistical Experimental Design. <i>Scientific World Journal</i> , The, 2012, 2012, 1-11.	0.8	42
10	Application of response surface methodology to optimize decolourization of dyes by the laccase-mediator system. <i>Journal of Environmental Management</i> , 2012, 108, 84-91.	3.8	41
11	Chemical composition and some biological activities of marine algae collected in Tunisia. <i>Ciencias Marinas</i> , 2011, 37, 113-124.	0.4	40
12	Alkaline xylanases from <i>Bacillus mojavensis</i> A21: Production and generation of xylooligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 647-656.	3.6	39
13	Optimization of lycopene extraction from tomato peels industrial by-product using maceration in refined olive oil. <i>Food and Bioproducts Processing</i> , 2019, 117, 321-328.	1.8	33
14	Nutrient composition of the marine snail ( <i>Hexaplex trunculus</i> ) from the Tunisian Mediterranean coasts. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1265-1270.	1.7	31
15	Purification, identification and structural modelling of DPP-IV inhibiting peptides from barbel protein hydrolysate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 260-269.	1.2	29
16	Response Surface Methodology Optimization of an Acidic Protease Produced by <i>Penicillium bilaiae</i> Isolate TDPEF30, a Newly Recovered Endophytic Fungus from Healthy Roots of Date Palm Trees ( <i>Phoenix dactylifera</i> L.). <i>Microorganisms</i> , 2019, 7, 74.	1.6	28
17	Zinc biosorption by <i>Dunaliella</i> sp. AL-1: Mechanism and effects on cell metabolism. <i>Science of the Total Environment</i> , 2021, 773, 145024.	3.9	28
18	Electrostatic interactions of peptides flanking the tyrosine kinase domain in the epidermal growth factor receptor provides a model for intracellular dimerization and autophosphorylation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 1036-1043.	1.5	24

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19	Seasonal Variations in Proximate and Fatty Acid Composition of Viscera of <i>Sardinella aurita</i> , <i>Sarpa salpa</i> , and <i>Sepia officinalis</i> from Tunisia. <i>Journal of Aquatic Food Product Technology</i> , 2011, 20, 233-246.	0.6	24
20	Enzymatic transesterification of palm stearin and olein blends to produce zero-trans margarine fat. <i>BMC Biotechnology</i> , 2012, 12, 48.	1.7	24
21	Decolorization of the azo dye Acid Orange 51 by laccase produced in solid culture of a newly isolated <i>Trametes trogii</i> strain. <i>3 Biotech</i> , 2013, 3, 115-125.	1.1	24
22	Phosphorylation of Thr654 but not Thr669 within the juxtamembrane domain of the EGF receptor inhibits calmodulin binding. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 381-387.	1.0	22
23	Antioxidant and antimicrobial properties of water soluble polysaccharide extracted from carrot peels by-products. <i>Journal of Food Science and Technology</i> , 2015, 52, 6953-6965.	1.4	22
24	Biochemical and molecular characterization of purified chicken pancreatic phospholipase A <sub>2</sub> . <i>FEBS Journal</i> , 2009, 276, 4545-4554.	2.2	20
25	Decolorization and detoxification of two textile industry effluents by the laccase/1-hydroxybenzotriazole system. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5177-5187.	2.7	20
26	Biochemical characterization, cloning, and molecular modelling of chicken pancreatic lipase. <i>Archives of Biochemistry and Biophysics</i> , 2006, 451, 149-159.	1.4	19
27	Surface behavior of $\beta$ -Synuclein and its interaction with phospholipids using the Langmuir monolayer technique: A comparison between monomeric and fibrillar $\beta$ -Synuclein. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 190-198.	3.6	18
28	Immobilized <i>Rhizopus oryzae</i> lipase catalyzed synthesis of palm stearin and cetyl alcohol wax esters: Optimization by Response Surface Methodology. <i>BMC Biotechnology</i> , 2011, 11, 68.	1.7	17
29	Purification and biochemical characterization of a secreted group IIA chicken intestinal phospholipase A2. <i>Lipids in Health and Disease</i> , 2011, 10, 27.	1.2	17
30	Inhibitory Effects of Tunisian Marine Algal Extracts on Digestive Lipases. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 71-79.	1.4	16
31	Culture of <i>Staphylococcus xylosus</i> in fish processing by-product-based media for lipase production. <i>Letters in Applied Microbiology</i> , 2008, 47, 549-554.	1.0	14
32	Gene cloning and molecular characterization of the <i>Talaromyces thermophilus</i> lipase Catalyzed efficient hydrolysis and synthesis of esters. <i>Gene</i> , 2012, 494, 112-118.	1.0	14
33	Kinetic and structural characterization of triacylglycerol lipases possessing phospholipase A1 activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 581-587.	1.2	14
34	Structural Homologies, Importance for Catalysis and Lipid Binding of the N-Terminal Peptide of a Fungal and a Pancreatic Lipase. <i>Protein and Peptide Letters</i> , 2010, 17, 254-259.	0.4	12
35	Gene cloning, expression, molecular modeling and docking study of the protease SAPRH from <i>Bacillus safensis</i> strain RH12. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 876-891.	3.6	12
36	$\alpha$ -CDG: 3D structure modeling, clinical spectrum, and computer-aided dysmorphic facial recognition. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1081-1090.	0.7	12

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37	Heterologous expression and secretion of an antifungal <i>Bacillus subtilis</i> chitosanase (CSNV26) in <i>Escherichia coli</i> . <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 985-992.	1.7	11
38	AGRO-INDUSTRIAL WASTE BASED GROWTH MEDIA OPTIMIZATION FOR BIOSURFACTANT PRODUCTION BY <i>ANEURINIBACILLUS MIGULANUS</i> . <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2016, 5, 578-583.	0.4	11
39	Synthesized tyrosyl hydroxyphenylacetate, a novel antioxidant, anti-stress and antibacterial compound. <i>Process Biochemistry</i> , 2012, 47, 2356-2364.	1.8	10
40	Optimization of Protease Production by <i>Bacillus mojavensis</i> A21 on Chickpea and Faba Bean. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2014, 05, 1049-1060.	0.3	10
41	Whey Powder, $\hat{1}$ -Carrageenan, and Fat Interactions and Their Influence on Instrumental Texture and Sensory Properties of Turkey Meat Sausage Using a Mixture Design Approach. <i>International Journal of Food Properties</i> , 2012, 15, 1233-1246.	1.3	9
42	Biochemical and structural comparative study between bird and mammal pancreatic colipases. <i>Journal of Lipid Research</i> , 2006, 47, 2701-2711.	2.0	8
43	Investigating the Function of Three Non-Synonymous SNPs in EGFR Gene: Structural Modelling and Association With Breast Cancer. <i>Protein Journal</i> , 2010, 29, 50-54.	0.7	8
44	Characterization of C69R variant HBsAg: effect on binding to anti-HBs and the structure of virus-like particles. <i>Archives of Virology</i> , 2015, 160, 2427-2433.	0.9	8
45	Cloning and molecular modelling of turkey pancreatic lipase: structural explanation of the increased interaction power with lipidic interface. <i>Biochimie</i> , 2006, 88, 1401-1407.	1.3	7
46	Modulating the activity of avian pancreatic lipases by an alkyl chain reacting with an accessible sulfhydryl group. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 765-771.	1.0	7
47	Purification, physico-chemical and kinetic properties of the deglycosylated <i>Talaromyces thermophilus</i> lipase. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 892-900.	3.6	7
48	Comprehensive analysis of Methylenetetrahydrofolate reductase C677T in younger acute lymphoblastic leukemia patients: A single-center experience. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 1182-1186.	0.5	7
49	3-D structure modelling of the <i>Staphylococcus simulans</i> lipase: conformational changes, substrate specificity and novel structural features. <i>FEMS Microbiology Letters</i> , 2008, 286, 207-221.	0.7	6
50	Cloning, expression and dynamic simulation of TRYP6 from <i>Leishmania major</i> (MRHO/IR/75/ER). <i>Molecular Biology Reports</i> , 2011, 38, 3765-3776.	1.0	6
51	Enhanced decolourization of the azo dye Sirius rose BB by laccase-HBT system. <i>3 Biotech</i> , 2012, 2, 149-157.	1.1	6
52	Monolayer properties of synthesized tyrosyl esters. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 83, 125-130.	1.8	5
53	Assessment of <i>Coriopsis gallica</i> -treated olive mill wastewater phytotoxicity on tomato plants. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15370-15380.	2.7	5
54	Involvement of C677T MTHFR variant but not A1298C in methotrexate-induced toxicity in acute lymphoblastic leukemia. <i>Journal of Oncology Pharmacy Practice</i> , 2021, 27, 1382-1387.	0.5	5

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55	Cloning and molecular modeling of a thermostable carboxylesterase from the chicken uropygial glands. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 56, 1-9.	1.3	4
56	Combinatorial effect of <i>Photobacterium luminescens</i> TT01 and <i>Bacillus thuringiensis</i> Vip3Aa16 toxin against <i>Agrotis segetum</i> . <i>Toxicon</i> , 2018, 142, 52-57.	0.8	4
57	Optimization of marine waste based-growth media for microbial lipase production using mixture design methodology. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2259-2266.	1.2	3
58	Expanding the Clinical and Molecular Spectrum of HARS2-Perrault Syndrome: Identification of a Novel Homozygous Missense Variant in the HARS2 gene. <i>Genetic Testing and Molecular Biomarkers</i> , 2021, 25, 528-539.	0.3	3
59	Impact of Q139R substitution of MEB4 - Cry2Aa toxin on its stability, accessibility and toxicity against <i>Ephestia kuehniella</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 81, 701-709.	3.6	2
60	The combinatory effect of Cyt1Aa flexibility and specificity against dipteran larvae improves the toxicity of <i>Bacillus thuringiensis</i> kurstaki toxins. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 42-49.	3.6	2
61	Production and characterization of soft Sardinian type cheese by using almond gum as a functional additive. <i>Food Science and Nutrition</i> , 2021, 9, 2032-2041.	1.5	2
62	The insertion of four residues Isoleucines at the N-terminus of <i>Staphylococcus simulans</i> lipase affects its catalytic and biochemical properties. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 82, 1-7.	1.8	1
63	Biodegradation of C20 carbon clusters from Diesel Fuel by <i>Corioliopsis gallica</i> : optimization, metabolic pathway, phytotoxicity. <i>3 Biotech</i> , 2021, 11, 214.	1.1	1
64	Involvement of MTHFR rs1801133 in the Susceptibility of Acute Lymphoblastic Leukemia: A Preliminary Study. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, e816-e818.	0.3	1
65	Combined in Silico Prediction Methods, Molecular Dynamic Simulation, and Molecular Docking of FOXG1 Missense Mutations: Effect on FoxG1 Structure and Its Interactions with DNA and Bmi-1 Protein. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1695-1705.	1.1	1
66	Production of Fatty Acids, Monoacylglycerols and Diacylglycerols by Hydrolysis of Palm Olein Using Immobilized Turkey Pancreatic Lipase. <i>Current Chemical Biology</i> , 2012, 6, 104-112.	0.2	0