

# Zied Zarai

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

705  
citations

686830

13  
h-index

552369

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and antimicrobial activities of various solvent extracts, piperine and piperic acid from <i>Piper nigrum</i> . <i>LWT - Food Science and Technology</i> , 2013, 50, 634-641.	2.5	149
2	The in-vitro evaluation of antibacterial, antifungal and cytotoxic properties of <i>Marrubium vulgare</i> L. essential oil grown in Tunisia. <i>Lipids in Health and Disease</i> , 2011, 10, 161.	1.2	89
3	Staphylococcal lipases: Biotechnological applications. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 76, 125-132.	1.8	75
4	Essential oil of the leaves of <i>Ricinus communis</i> L.: In vitro cytotoxicity and antimicrobial properties. <i>Lipids in Health and Disease</i> , 2012, 11, 102.	1.2	53
5	Enzymatic synthesis of eugenol benzoate by immobilized <i>Staphylococcus aureus</i> lipase: Optimization using response surface methodology and determination of antioxidant activity. <i>Bioresource Technology</i> , 2010, 101, 2809-2817.	4.8	39
6	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
7	Production, purification and biochemical characterization of a thermoactive, alkaline lipase from a newly isolated <i>Serratia</i> sp. W3 Tunisian strain. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 792-800.	3.6	31
8	Process for extracting gelatin from marine snail ( <i>Hexaplex trunculus</i> ): Chemical composition and functional properties. <i>Process Biochemistry</i> , 2012, 47, 1779-1784.	1.8	29
9	Cactus juice as bioflocculant in the coagulation-flocculation process for industrial wastewater treatment: a comparative study with polyacrylamide. <i>Water Science and Technology</i> , 2014, 70, 1175-1181.	1.2	28
10	A novel hepatopancreatic phospholipase A2 from <i>Hexaplex trunculus</i> with digestive and toxic activities. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 121-129.	1.4	22
11	Physicochemical properties, antioxidant activity and in vitro gastrointestinal digestion of purified proteins from black cumin seeds. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 454-465.	3.6	20
12	Lipolytic activity levels and colipase presence in digestive glands of some marine animals. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1449-1458.	0.9	19
13	Purification and biochemical properties of <i>Hexaplex trunculus</i> digestive lipase. <i>Process Biochemistry</i> , 2012, 47, 2434-2439.	1.8	15
14	<i>Helix aspersa</i> gelatin as an emulsifier and emulsion stabilizer: functional properties and effects on pancreatic lipolysis. <i>Food and Function</i> , 2016, 7, 326-336.	2.1	15
15	Kinetic properties of pancreatic and intestinal sPLA2 from chicken and mammals using the monomolecular film technique. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 620-625.	5.0	13
16	Production, purification and functional characterization of phospholipase C from <i>Bacillus thuringiensis</i> with high catalytic activity. <i>Process Biochemistry</i> , 2019, 83, 122-130.	1.8	12
17	A thermoactive uropygial esterase from chicken: Purification, characterisation and synthesis of flavour esters. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1238-1244.	3.6	11
18	Monoacylglycerol and diacylglycerol production by hydrolysis of refined vegetable oil by-products using an immobilized lipase from <i>Serratia</i> sp. W3. <i>Journal of Separation Science</i> , 2018, 41, 4323-4330.	1.3	11

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19	Cleaner degreasing of sheepskins by the <i>Yarrowia lipolytica</i> LIP2 lipase as a chemical-free alternative in the leather industry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112292.	2.5	10
20	Characterization of monoacylglycerols and diacylglycerols rich in polyunsaturated fatty acids produced by hydrolysis of <i>Mustelus mustelus</i> liver oil catalyzed by an immobilized bacterial lipase. <i>Journal of Chromatography A</i> , 2020, 1613, 460692.	1.8	9
21	Immunohistochemical localization of hepatopancreatic phospholipase A2 in <i>Hexaplex Trunculus</i> digestive cells. <i>Lipids in Health and Disease</i> , 2011, 10, 91.	1.2	6
22	Antibacterial, Anti-Chlamydial, and Cytotoxic Activities of a Marine Snail ( <i>Hexaplex trunculus</i> ) Phospholipase A2: an In Vitro Study. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 877-886.	1.4	5
23	Heterologous expression, kinetic characterization and molecular modeling of a new sn-1,3-regioselective triacylglycerol lipase from <i>Serratia</i> sp. W3. <i>Process Biochemistry</i> , 2021, 103, 87-97.	1.8	4
24	Immunohistochemical localization of hepatopancreatic phospholipase in gastropods mollusc, <i>Littorina littorea</i> and <i>Buccinum undatum</i> digestive cells. <i>Lipids in Health and Disease</i> , 2011, 10, 219.	1.2	3
25	Identification of a novel intestinal phospholipase A2 from annular seabream: Insights into its catalytic mechanism and its role in biological processes. <i>Process Biochemistry</i> , 2020, 91, 197-207.	1.8	2
26	Intestinal phospholipase A2 from Sparidae species: Functional properties and cytotoxic potential evaluation. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 881-890.	3.6	1
27	Deciphering the recombinant thermostable phosphatidylcholine-specific phospholipase C activity from <i>Bacillus thuringiensis</i> : biochemical and interfacial properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127629.	2.3	1
28	Evaluation of Biochemical Properties of Digestive Lipolytic Enzymes from the Marine Snail ( <i>Hexaplex</i> )	0.1	0