

Ahmed Fendri

List of Publications by Year in descending order

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53
papers

604
citations

623734

14
h-index

677142

22
g-index

53
all docs

53
docs citations

53
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel thermoactive and alkaline lipase from <i>Talaromyces thermophilus</i> fungus for use in laundry detergents. <i>Biochemical Engineering Journal</i> , 2010, 53, 112-120.	3.6	89
2	Crab digestive lipase acting at high temperature: Purification and biochemical characterization. <i>Biochimie</i> , 2007, 89, 1012-1018.	2.6	51
3	Biochemical and molecular characterization of a lipase produced by <i>Rhizopus oryzae</i> . <i>FEMS Microbiology Letters</i> , 2006, 260, 241-248.	1.8	39
4	A grey mullet enzyme displaying both lipase and phospholipase activities: Purification and characterization. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 87-94.	7.5	28
5	Synergistic effect of polysaccharides, betalain pigment and phenolic compounds of red prickly pear (<i>Opuntia stricta</i>) in the stabilization of salami. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 561-568.	7.5	25
6	Purification and Biochemical Characterization of a Novel Alkaline (Phospho)lipase from a Newly Isolated <i>Fusarium solani</i> Strain. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2330-2343.	2.9	22
7	Kinetic properties of turkey pancreatic lipase: A comparative study with emulsified tributyrin and monomolecular dicaprin. <i>Chirality</i> , 2005, 17, 57-62.	2.6	20
8	A thermoactive secreted phospholipase A2 purified from the venom glands of <i>Scorpio maurus</i> : Relation between the kinetic properties and the hemolytic activity. <i>Toxicon</i> , 2013, 72, 133-142.	1.6	20
9	Biochemical characterization, cloning, and molecular modelling of chicken pancreatic lipase. <i>Archives of Biochemistry and Biophysics</i> , 2006, 451, 149-159.	3.0	19
10	Purification and Biochemical Characterization of an Acid-Stable Lipase from the Pyloric Caeca of Sardine (<i>Sardinella aurita</i>). <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1483-1496.	2.9	19
11	Lipolytic activity levels and colipase presence in digestive glands of some marine animals. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1449-1458.	2.3	19
12	Purification and biochemical characterization of an organic solvent-tolerant and detergent-stable lipase from <i>Staphylococcus capitis</i> . <i>Biotechnology Progress</i> , 2019, 35, e2833.	2.6	19
13	Biochemical Characterization and Molecular Modeling of Pancreatic Lipase from a Cartilaginous Fish, the Common Stingray (<i>Dasyatis pastinaca</i>). <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 151-169.	2.9	17
14	Purification and biochemical properties of <i>Hexaplex trunculus</i> digestive lipase. <i>Process Biochemistry</i> , 2012, 47, 2434-2439.	3.7	15
15	The effects of storage on quality and nutritional aspects of farmed and wild sea bass (<i>Dicentrarchus</i>)	1.7	15
16	Measurement System for Lossy Capacitive Sensors: Application to Edible Oils Quality Assessment. <i>Sensors</i> , 2019, 19, 4299.	3.8	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.	7.5	11
18	Kinetic properties of dromedary pancreatic lipase: A comparative study on emulsified and monomolecular substrate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 238-242.	5.0	9

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19	Potential of impedance spectroscopy for real-time assessing of food quality. IEEE Instrumentation and Measurement Magazine, 2018, 21, 44-48.	1.6	9
20	Biochemical and structural comparative study between bird and mammal pancreatic colipases. Journal of Lipid Research, 2006, 47, 2701-2711.	4.2	8
21	Digestive amylase of a primitive animal, the scorpion: Purification and biochemical characterization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 853-860.	2.3	8
22	Purification, Biochemical and Kinetic Properties of Recombinant Staphylococcus aureus Lipase. Methods in Molecular Biology, 2012, 861, 267-282.	0.9	8
23	Cloning and molecular modelling of turkey pancreatic lipase: structural explanation of the increased interaction power with lipidic interface. Biochimie, 2006, 88, 1401-1407.	2.6	7
24	Modulating the activity of avian pancreatic lipases by an alkyl chain reacting with an accessible sulfhydryl group. Biochemical and Biophysical Research Communications, 2007, 360, 765-771.	2.1	7
25	Purification, physico-chemical and kinetic properties of the deglycosylated Talaromyces thermophilus lipase. International Journal of Biological Macromolecules, 2012, 51, 892-900.	7.5	7
26	Dielectric spectroscopy for assessment of water content in edible oils. , 2017, , .		7
27	Characterization of liver oils from three species of sharks collected in Tunisian coasts: In vitro digestibility by pancreatic lipase. Journal of Food Biochemistry, 2018, 42, e12453.	2.9	7
28	Optimization of an organic solvent-tolerant lipase production by <i>Staphylococcus capitis</i> SH6. Immobilization for biodiesel production and biodegradation of waste greases. Preparative Biochemistry and Biotechnology, 2022, 52, 108-122.	1.9	7
29	Measurement Methods for Capacitances in the Range of 1pF – 1nF : A review. Measurement: Journal of the International Measurement Confederation, 2022, 195, 111067.	5.0	7
30	Snail Hepatopancreatic Lipase: A New Member of Invertebrates Lipases' Group. Applied Biochemistry and Biotechnology, 2010, 162, 942-952.	2.9	6
31	Purification and characterization of the first recombinant bird pancreatic lipase expressed in <i>Pichia pastoris</i> : The turkey. Lipids in Health and Disease, 2011, 10, 24.	3.0	6
32	A newly thermoactive and detergent-stable lipase from annular sea bream (<i>Diplodus annularis</i>): Biochemical properties. Biotechnology and Applied Biochemistry, 2017, 64, 79-86.	3.1	6
33	Biochemical characterization, cloning and molecular modeling of a digestive lipase from red seabream (<i>Pagrus major</i>): Structural explanation of the interaction deficiency with colipase and lipidic interface. Engineering in Life Sciences, 2017, 17, 664-677.	3.6	6
34	Kinetic Properties of a Novel <i>Fusarium solani</i> (phospho)lipase: A Monolayer Study. Chirality, 2013, 25, 35-38.	2.6	5
35	Cloning and molecular modeling of a thermostable carboxylesterase from the chicken uropygial glands. Journal of Molecular Graphics and Modelling, 2015, 56, 1-9.	2.4	4
36	The smooth-hound lipolytic system: Biochemical characterization of a purified digestive lipase, lipid profile and in vitro oil digestibility. International Journal of Biological Macromolecules, 2017, 102, 1120-1129.	7.5	4

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37	Nutritional properties, oxidative stability, and in vitro digestibility of oils extracted from muscles of wild and breeding eels (<i>Anguilla anguilla</i>). <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13519.	2.0	4
38	Production of a halotolerant lipase from <i>Halomonas</i> sp. strain C2SS100: Optimization by response surface methodology and application in detergent formulations. <i>Journal of Surfactants and Detergents</i> , 2022, 25, 361-376.	2.1	4
39	Proteolytic Cleavage of Ostrich and Turkey Pancreatic Lipases. <i>Pancreas</i> , 2007, 35, e55-e61.	1.1	3
40	Temperature effect on the complex conductivity of Adblue. , 2015, , .		3
41	Functional and Structural Characterization of a Thermostable Phospholipase A ₂ from a Sparidae Fish (<i>Diplodus annularis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2468-2480.	5.2	3
42	Biochemical and molecular characterization of a lipase from an Algerian isolated <i>Staphylococcus aureus</i> strain. <i>Journal of Basic Microbiology</i> , 2017, 57, 253-264.	3.3	3
43	Efficient heterologous expression, functional characterization and molecular modeling of annular seabream digestive phospholipase A2. <i>Chemistry and Physics of Lipids</i> , 2018, 211, 16-29.	3.2	3
44	Interface circuit for oil quality assessment considering dielectric losses and stray capacitances. , 2018, , 93-104.		3
45	A High Salt-Tolerant Thermoactive Esterase from Golden Grey Mullet: Purification, Characterization and Kinetic Properties. <i>Journal of Food Biochemistry</i> , 2015, 39, 289-299.	2.9	2
46	Investigation of interdigital sensor geometry for oil quality measurement. , 2017, , .		2
47	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.	3.7	2
48	Dissecting the Interaction Deficiency of a Cartilaginous Fish Digestive Lipase with Pancreatic Colipase: Biochemical and Structural Insights. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	2
49	Investigation of the electrode surface of a liquid quality sensor by local impedance spectroscopy. , 2014, , .		1
50	Intestinal phospholipase A2 from Sparidae species: Functional properties and cytotoxic potential evaluation. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 881-890.	7.5	1
51	Positional specificity of sardine digestive lipase in the hydrolysis of triacylglycerols and analogs. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 73-80.	1.5	0
52	Heterologous Expression and Functional Characterization of Sparidae Fish Digestive Phospholipase A2. <i>Methods in Molecular Biology</i> , 2018, 1835, 179-189.	0.9	0
53	Studies of crab digestive phospholipase acting on phospholipid monolayers: Activation by temperature. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 705-711.	7.5	0