

Nabil Smichi

List of Publications by Year in descending order

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26
papers

290
citations

932766

10
h-index

940134

16
g-index

27
all docs

27
docs citations

27
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Models of Foamy Macrophages and Approaches for Dissecting the Mechanisms of Lipid Accumulation and Consumption during Dormancy and Reactivation of Tuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 122.	1.8	68
2	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
3	A grey mullet enzyme displaying both lipase and phospholipase activities: Purification and characterization. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 87-94.	3.6	28
4	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.	1.4	19
5	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
6	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.	1.3	19
7	The effects of storage on quality and nutritional aspects of farmed and wild sea bass (<i>Dicentrarchus labrax</i>) fillets. <i>Journal of Food Biochemistry</i> , 2019, 43, 1-15.	0.9	15
8	Dissecting the membrane lipid binding properties and lipase activity of <i>Mycobacterium tuberculosis</i> LipY domains. <i>FEBS Journal</i> , 2019, 286, 3164-3181.	2.2	14
9	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
10	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
11	Physicochemical Characterization and Nutritional Quality of Fish By-Products: In vitro Oils Digestibility and Synthesis of Flavour Esters. , 2016, 7, .		7
12	Characterization of liver oils from three species of sharks collected in Tunisian coasts: In vitro digestibility by pancreatic lipase. <i>Journal of Food Biochemistry</i> , 2018, 42, e12453.	1.2	7
13	A newly thermoactive and detergent-stable lipase from annular sea bream (<i>Diplodus annularis</i>): Biochemical properties. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 79-86.	1.4	6
14	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. <i>Engineering in Life Sciences</i> , 2017, 17, 664-677.	2.0	6
15	The smooth-hound lipolytic system: Biochemical characterization of a purified digestive lipase, lipid profile and in vitro oil digestibility. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 1120-1129.	3.6	4
16	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.	0.9	4
17	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
18	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.	2.4	3

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19	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.	1.5	3
20	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.	1.2	2
21	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
22	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.	0.9	2
23	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
24	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
25	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.	1.0	0
26	Heterologous Expression and Functional Characterization of Sparidae Fish Digestive Phospholipase A2. <i>Methods in Molecular Biology</i> , 2018, 1835, 179-189.	0.4	0