FrÃ©dÃ©ric CarriÃ¨re

List of Publications by Year
in descending order

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225	15,125	25034	20961
papers	citations	57 h-index	115 g-index

231	231	231	11663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digestibility and oxidative stability of plant lipid assemblies: An underexplored source of potentially bioactive surfactants?. Critical Reviews in Food Science and Nutrition, 2023, 63, 4655-4674.	10.3	2
2	Cleaner degreasing of sheepskins by the Yarrowia lipolytica LIP2 lipase as a chemical-free alternative in the leather industry. Colloids and Surfaces B: Biointerfaces, 2022, 211, 112292.	5.0	10
3	The digestion of diacylglycerol isomers by gastric and pancreatic lipases and its impact on the metabolic pathways for TAG re-synthesis in enterocytes. Biochimie, 2022, 203, 106-117.	2.6	2
4	Reduction in Phosphoribulokinase Amount and Re-Routing Metabolism in Chlamydomonas reinhardtii CP12 Mutants. International Journal of Molecular Sciences, 2022, 23, 2710.	4.1	7
5	Bioaccessibility of essential lipophilic nutrients in a chloroplast-rich fraction (CRF) from agricultural green waste during simulated human gastrointestinal tract digestion. Food and Function, 2022, 13, 5365-5380.	4.6	1
6	Interfacial organization and phase behavior of mixed galactolipid-DPPC-phytosterol assemblies at the air-water interface and in hydrated mesophases. Colloids and Surfaces B: Biointerfaces, 2022, 217, 112646.	5.0	4
7	Evaluation of vitamin D bioaccessibility and mineral solubility from test meals containing meat and/or cereals and/or pulses using in vitro digestion. Food Chemistry, 2021, 347, 128621.	8.2	14
8	Quantitative monitoring of galactolipid hydrolysis by pancreatic lipase-related protein 2 using thin layer chromatography and thymol-sulfuric acid derivatization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1173, 122674.	2.3	5
9	INFOGEST inter-laboratory recommendations for assaying gastric and pancreatic lipases activities prior to in vitro digestion studies. Journal of Functional Foods, 2021, 82, 104497.	3.4	22
10	Fatty Acid Photodecarboxylase Is an Interfacial Enzyme That Binds to Lipidâ€“Water Interfaces to Access Its Insoluble Substrate. Biochemistry, 2021, 60, 3200-3212.	2.5	12
11	Characterization of all the lipolytic activities in pancreatin and comparison with porcine and human pancreatic juices. Biochimie, 2020, 169, 106-120.	2.6	23
12	Targeting TOR signaling for enhanced lipid productivity in algae. Biochimie, 2020, 169, 12-17.	2.6	10
13	Biogenesis and fate of lipid droplets. Biochimie, 2020, 169, 1-2.	2.6	5
14	Physico-chemical behaviors of human and bovine milk membrane extracts and their influence on gastric lipase adsorption. Biochimie, 2020, 169, 95-105.	2.6	14
15	Screening of Gastrointestinal Lipase Inhibitors Produced by Microorganisms Isolated from Soil and Lake Sediments. International Microbiology, 2020, 23, 335-343.	2.4	3
16	Storage Compound Accumulation in Diatoms as Response to Elevated CO2 Concentration. Biology, 2020, 9, 5.	2.8	24
17	Oleochemistry potential from Brazil northeastern exotic plants. Biochimie, 2020, 178, 96-104.	2.6	11
18	The digestion of galactolipids and its ubiquitous function in Nature for the uptake of the essential Î±-linolenic acid. Food and Function, 2020, 11, 6710-6744.	4.6	23

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19	The 1,2â€oâ€dilaurylâ€racâ€glyceroâ€3â€glutaric acidâ€(6â€™â€methylresorufin) ester (DGGR) lipase assay in cats and dogs is not specific for pancreatic lipase. Veterinary Clinical Pathology, 2020, 49, 607-613.	0.7	20
20	The endosomal lipid bis(monoacylglycero) phosphate as a potential key player in the mechanism of action of chloroquine against SARS-COV-2 and other enveloped viruses hijacking the endocytic pathway. Biochimie, 2020, 179, 237-246.	2.6	25
21	A standardised semi-dynamic in vitro digestion method suitable for food â€“ an international consensus. Food and Function, 2020, 11, 1702-1720.	4.6	233
22	Inhibition of CpLIP2 Lipase Hydrolytic Activity by Four Flavonols (Galangin, Kaempferol, Quercetin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Molecules, 2019, 24, 2888.	3.8	21
23	Homogeneous triacylglycerol tracers have an impact on the thermal and structural properties of dietary fat and its lipolysis rate under simulated physiological conditions. Chemistry and Physics of Lipids, 2019, 225, 104815.	3.2	4
24	Identification of a new natural gastric lipase inhibitor from star anise. Food and Function, 2019, 10, 469-478.	4.6	17
25	INFOGEST static in vitro simulation of gastrointestinal food digestion. Nature Protocols, 2019, 14, 991-1014.	12.0	1,873
26	Variations in gastrointestinal lipases, pH and bile acid levels with food intake, age and diseases: Possible impact on oral lipid-based drug delivery systems. Advanced Drug Delivery Reviews, 2019, 142, 3-15.	13.7	50
27	Free fatty acid release from vegetable and bovine milk fat-based infant formulas and human milk during two-phasein vitrodigestion. Food and Function, 2019, 10, 2102-2113.	4.6	27
28	In vitrodigestion of galactolipids from chloroplast-rich fraction (CRF) of postharvest, pea vine field residue (haulm) and spinach leaves. Food and Function, 2019, 10, 7806-7817.	4.6	14
29	Functional characterization and FTIR-based 3D modeling of full length and truncated forms of Scorpio maurus venom phospholipase A 2. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1247-1261.	2.4	11
30	Lipids in the Stomach â€“ Implications for the Evaluation of Food Effects on Oral Drug Absorption. Pharmaceutical Research, 2018, 35, 55.	3.5	47
31	IR spectroscopy analysis of pancreatic lipase-related protein 2 interaction with phospholipids: 1. Discriminative recognition of mixed micelles versus liposomes. Chemistry and Physics of Lipids, 2018, 211, 52-65.	3.2	11
32	IR spectroscopy analysis of pancreatic lipase-related protein 2 interaction with phospholipids: 2. Discriminative recognition of various micellar systems and characterization of PLRP2-DPPC-bile salt complexes. Chemistry and Physics of Lipids, 2018, 211, 66-76.	3.2	5
33	IR spectroscopy analysis of pancreatic lipase-related protein 2 interaction with phospholipids: 3. Monitoring DPPC lipolysis in mixed micelles. Chemistry and Physics of Lipids, 2018, 211, 77-85.	3.2	6
34	Characterization of pepsin from rabbit gastric extract, its action on Î²-casein and the effects of lipids on proteolysis. Food and Function, 2018, 9, 5975-5988.	4.6	11
35	Postprandial bile acid levels in intestine and plasma reveal altered biliary circulation in chronic pancreatitis patients. Journal of Lipid Research, 2018, 59, 2202-2213.	4.2	20
36	Vers des formules infantiles biomimÃ©tiques de la structure du lait maternel et de son comportement digestifÂ?. Cahiers De Nutrition Et De Dietetique, 2018, 53, 218-231.	0.3	4

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37	Galactolipase activity of Talaromyces thermophilus lipase on galactolipid micelles, monomolecular films and UV-absorbing surface-coated substrate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1006-1015.	2.4	6
38	Towards infant formula biomimetic of human milk structure and digestive behaviour. OCL - Oilseeds and Fats, Crops and Lipids, 2017, 24, D206.	1.4	22
39	Constitutive expression of human gastric lipase in Pichia pastoris and site-directed mutagenesis of key lid-stabilizing residues. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1025-1034.	2.4	11
40	Impact of homogenization of pasteurized human milk on gastric digestion in the preterm infant: A randomized controlled trial. Clinical Nutrition ESPEN, 2017, 20, 1-11.	1.2	17
41	Efficient heterologous expression of Fusarium solani lipase, FSL2, in Pichia pastoris, functional characterization of the recombinant enzyme and molecular modeling. International Journal of Biological Macromolecules, 2017, 94, 61-71.	7.5	5
42	Interfacial Properties of NTAIL, an Intrinsically Disordered Protein. Biophysical Journal, 2017, 113, 2723-2735.	0.5	8
43	Screening of phospholipase A activity and its production by new actinomycete strains cultivated by solid-state fermentation. PeerJ, 2017, 5, e3524.	2.0	8
44	The inhibition of TOR in the model diatom Phaeodactylum tricornutum promotes a get-fat growth regime. Algal Research, 2017, 26, 265-274.	4.6	30
45	Holder pasteurization impacts the proteolysis, lipolysis and disintegration of human milk under in vitro dynamic term newborn digestion. Food Research International, 2016, 88, 263-275.	6.2	70
46	Impact of pasteurization of human milk on preterm newborn in vitro digestion: Gastrointestinal disintegration, lipolysis and proteolysis. Food Chemistry, 2016, 211, 171-179.	8.2	69
47	Adsorption of gastric lipase onto multicomponent model lipid monolayers with phase separation. Colloids and Surfaces B: Biointerfaces, 2016, 143, 97-106.	5.0	43
48	Water-in-oil microemulsions versus emulsions as carriers of hydroxytyrosol: an in vitro gastrointestinal lipolysis study using the pHstat technique. Food and Function, 2016, 7, 2258-2269.	4.6	25
49	Lysosomal Lipases PLRP2 and LPLA2 Process Mycobacterial Multi-acylated Lipids and Generate T Cell Stimulatory Antigens. Cell Chemical Biology, 2016, 23, 1147-1156.	5.2	32
50	Slowing down fat digestion and absorption by an oxadiazolone inhibitor targeting selectively gastric lipolysis. European Journal of Medicinal Chemistry, 2016, 123, 834-848.	5.5	22
51	Blocking Gastric Lipase Adsorption and Displacement Processes with Viscoelastic Biopolymer Adsorption Layers. Biomacromolecules, 2016, 17, 3328-3337.	5.4	34
52	Impact of gastrointestinal lipolysis on oral lipid-based formulations and bioavailability of lipophilic drugs. Biochimie, 2016, 125, 297-305.	2.6	72
53	Special issue Â«Lipids: From (bio)synthesis to functionÂ». Biochimie, 2016, 120, 1-2.	2.6	0
54	The role of plant cell wall encapsulation and porosity in regulating lipolysis during the digestion of almond seeds. Food and Function, 2016, 7, 69-78.	4.6	70

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55	Relevant pH and lipase for in vitro models of gastric digestion. Food and Function, 2016, 7, 30-45.	4.6	143
56	New lipase assay using Pomegranate oil coating in microtiter plates. Biochimie, 2016, 120, 110-118.	2.6	11
57	A Metagenomic Investigation of the Duodenal Microbiota Reveals Links with Obesity. PLoS ONE, 2015, 10, e0137784.	2.5	101
58	The structure of infant formulas impacts their lipolysis, proteolysis and disintegration during in vitro gastric digestion. Food Chemistry, 2015, 182, 224-235.	8.2	170
59	A broad pH range indicator-based spectrophotometric assay for true lipases using tributyrin and tricaprylin. Journal of Lipid Research, 2015, 56, 1057-1067.	4.2	21
60	Yarrowia lipolytica Lipase 2 Is Stable and Highly Active in Test Meals and Increases Fat Absorption in an Animal Model of Pancreatic Exocrine Insufficiency. Gastroenterology, 2015, 149, 1910-1919.e5.	1.3	20
61	The galactolipase activity of Fusarium solani (phospho)lipase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 282-289.	2.4	15
62	Biochemical characterization of Yarrowia lipolytica LIP8, a secreted lipase with a cleavable C-terminal region. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 129-140.	2.4	6
63	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations. 5. Lipolysis of Representative Formulations by Gastric Lipase. Pharmaceutical Research, 2015, 32, 1279-1287.	3.5	55
64	Conformational disorder in phosphopeptides: solution studies by CD and NMR techniques. Peptidomics, 2014, 1, .	0.3	2
65	Lipase Pre-Hydrolysis Enhance Anaerobic Biodigestion of Soap Stock from an Oil Refining Industry. Journal of Oleo Science, 2014, 63, 109-114.	1.4	8
66	12thEuro Fed Lipid Congress - From Lipidomics to Industrial Innovation. European Journal of Lipid Science and Technology, 2014, 116, 1257-1258.	1.5	0
67	Supported inhibitor for fishing lipases in complex biological media and mass spectrometry identification. Biochimie, 2014, 107, 124-134.	2.6	2
68	Using the reversible inhibition of gastric lipase by Orlistat for investigating simultaneously lipase adsorption and substrate hydrolysis at the lipidâ€“water interface. Biochimie, 2014, 101, 221-231.	2.6	24
69	An interfacial and comparative inÂvitro study of gastrointestinal lipases and Yarrowia lipolytica LIP2 lipase, a candidate for enzyme replacement therapy. Biochimie, 2014, 102, 145-153.	2.6	14
70	Renaturation and one step purification of the chicken GIIA secreted phospholipase A2 from inclusion bodies. International Journal of Biological Macromolecules, 2014, 67, 85-90.	7.5	5
71	Comparative genomics analysis of Lactobacillus species associated with weight gain or weight protection. Nutrition and Diabetes, 2014, 4, e109-e109.	3.2	95
72	Effect of environmental conditions on various enzyme activities and triacylglycerol contents in cultures of the freshwater diatom, Asterionella formosa (Bacillariophyceae). Biochimie, 2014, 101, 21-30.	2.6	26

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73	A standardised staticin vitrodigestion method suitable for food â€“ an international consensus. Food and Function, 2014, 5, 1113-1124.	4.6	3,730
74	In vitro digestion of citric acid esters of mono- and diglycerides (CITREM) and CITREM-containing infant formula/emulsions. Food and Function, 2014, 5, 1409-1421.	4.6	39
75	A Cutinase from Trichoderma reesei with a Lid-Covered Active Site and Kinetic Properties of True Lipases. Journal of Molecular Biology, 2014, 426, 3757-3772.	4.2	47
76	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 6: Effects of Varying Pancreatin and Calcium Levels. AAPS Journal, 2014, 16, 1344-1357.	4.4	53
77	In Vitro Digestion of the Self-Emulsifying Lipid Excipient LabrasolÂ® by Gastrointestinal Lipases and Influence of its Colloidal Structure on Lipolysis Rate. Pharmaceutical Research, 2013, 30, 3077-3087.	3.5	41
78	Partial deletion of Î²9 loop in pancreatic lipase-related protein 2 reduces enzyme activity with a larger effect on long acyl chain substrates. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1293-1301.	2.4	10
79	Progesterone and a phospholipase inhibitor increase the endosomal bis(monoacylglycero)phosphate content and block HIV viral particle intercellular transmission. Biochimie, 2013, 95, 1677-1688.	2.6	25
80	Biochemical and structural characterization of non-glycosylatedYarrowia lipolyticaLIP2 lipase. European Journal of Lipid Science and Technology, 2013, 115, 429-441.	1.5	12
81	Solution conformational features and interfacial properties of an intrinsically disordered peptide coupled to alkyl chains: a new class of peptide amphiphiles. Molecular BioSystems, 2013, 9, 1401.	2.9	8
82	New insights into the pH-dependent interfacial adsorption of dog gastric lipase using the monolayer technique. Colloids and Surfaces B: Biointerfaces, 2013, 111, 306-312.	5.0	25
83	Enantioselective Inhibition of Microbial Lipolytic Enzymes by Nonracemic Monocyclic Enolphosphonate Analogues of Cyclophostin. Journal of Medicinal Chemistry, 2013, 56, 4393-4401.	6.4	18
84	Effects of the propeptide of group X secreted phospholipase A2 on substrate specificity and interfacial activity on phospholipid monolayers. Biochimie, 2013, 95, 51-58.	2.6	10
85	The galactolipase activity of some microbial lipases and pancreatic enzymes. European Journal of Lipid Science and Technology, 2013, 115, 442-451.	1.5	19
86	Toward the Establishment of Standardized in Vitro Tests for Lipid-Based Formulations. 2. The Effect of Bile Salt Concentration and Drug Loading on the Performance of Type I, II, IIIA, IIIB, and IV Formulations during in Vitro Digestion. Molecular Pharmaceutics, 2012, 9, 3286-3300.	4.6	110
87	Synthesis and Kinetic Evaluation of Cyclophostin and Cyclipostins Phosphonate Analogs As Selective and Potent Inhibitors of Microbial Lipases. Journal of Medicinal Chemistry, 2012, 55, 10204-10219.	6.4	45
88	An ultraviolet spectrophotometric assay for the screening of sn-2-specific lipases using 1,3-O-dioleoyl-2-O-Î±-eleostearoyl-sn-glycerol as substrate. Journal of Lipid Research, 2012, 53, 185-194.	4.2	21
89	Inhibition of phospholipase A1, lipase and galactolipase activities of pancreatic lipase-related protein 2 by methyl arachidonyl fluorophosphonate (MAFP). Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1379-1385.	2.4	14
90	Drastic changes in the tissue-specific expression of secreted phospholipases A2 in chicken pulmonary disease. Biochimie, 2012, 94, 451-460.	2.6	3

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91	The molecular mechanism of human hormone-sensitive lipase inhibition by substituted 3-phenyl-5-alkoxy-1,3,4-oxadiazol-2-ones. Biochimie, 2012, 94, 137-145.	2.6	27
92	Identification of a new phospholipase D in Carica papaya latex. Gene, 2012, 499, 243-249.	2.2	20
93	Analysis of the discriminative inhibition of mammalian digestive lipases by 3-phenyl substituted 1,3,4-oxadiazol-2(3H)-ones. European Journal of Medicinal Chemistry, 2012, 58, 452-463.	5.5	53
94	Coupling in vitro gastrointestinal lipolysis and Caco-2 cell cultures for testing the absorption of different food emulsions. Food and Function, 2012, 3, 537.	4.6	64
95	Direct Analysis of Phycobilisomal Antenna Proteins and Metabolites in Small Cyanobacterial Populations by Laser Ablation Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2012, 84, 34-38.	6.5	38
96	Understanding the lipid-digestion processes in the GI tract before designing lipid-based drug-delivery systems. Therapeutic Delivery, 2012, 3, 105-124.	2.2	128
97	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 1: Method Parameterization and Comparison of In Vitro Digestion Profiles Across a Range of Representative Formulations. Journal of Pharmaceutical Sciences, 2012, 101, 3360-3380.	3.3	217
98	MmPPOX Inhibits Mycobacterium tuberculosis Lipolytic Enzymes Belonging to the Hormone-Sensitive Lipase Family and Alters Mycobacterial Growth. PLoS ONE, 2012, 7, e46493.	2.5	50
99	Watching intracellular lipolysis in mycobacteria using time lapse fluorescence microscopy. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 234-241.	2.4	30
100	Bis (monoacylglycero) phosphate interfacial properties and lipolysis by pancreatic lipase-related protein 2, an enzyme present in THP-1 human monocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 419-430.	2.4	21
101	Special issue â€œBioactive Lipids, Nutrition and Healthâ€. Biochimie, 2011, 93, v-vi.	2.6	2
102	Identification of a putative triacylglycerol lipase from papaya latex by functional proteomics. FEBS Journal, 2011, 278, 97-110.	4.7	20
103	Galactolipase, phospholipase and triacylglycerol lipase activities in the midgut of six species of lepidopteran larvae feeding on different lipid diets. Journal of Insect Physiology, 2011, 57, 1232-1239.	2.0	25
104	Effects of Surfactants on Lipase Structure, Activity, and Inhibition. Pharmaceutical Research, 2011, 28, 1831-1842.	3.5	147
105	Carica papaya Lipase: A Naturally Immobilized Enzyme with Interesting Biochemical Properties. Plant Foods for Human Nutrition, 2011, 66, 34-40.	3.2	39
106	Quantitative study of lipase secretion, extracellular lipolysis, and lipid storage in the yeast Yarrowia lipolytica grown in the presence of olive oil: analogies with lipolysis in humans. Applied Microbiology and Biotechnology, 2011, 89, 1947-1962.	3.6	57
107	In Vitro Gastrointestinal Lipolysis: Replacement of Human Digestive Lipases by a Combination of Rabbit Gastric and Porcine Pancreatic Extracts. Food Digestion, 2011, 2, 43-51.	0.9	71
108	Probing structural transitions in both structured and disordered proteins using siteâ€directed spinâ€labeling EPR spectroscopy. Journal of Peptide Science, 2011, 17, 315-328.	1.4	36

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109	Gastrointestinal lipolysis ofÂlipid-based excipients intended forÂthe oral drug delivery ofÂpoorly water-soluble drugs. Oleagineux Corps Gras Lipides, 2010, 17, 259-263.	0.2	1
110	Neutral Lipid Characterization of Nonâ€Waterâ€Soluble Fractions of Carica Papaya Latex. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 987-995.	1.9	13
111	A Monoacylglycerol Lipase from Mycobacterium smegmatis Involved in Bacterial Cell Interaction. Journal of Bacteriology, 2010, 192, 4776-4785.	2.2	44
112	Isolation, identification and characterization of a new lipolyticPseudomonassp., strain AHDâ€1, from Tunisian soil. Environmental Technology (United Kingdom), 2010, 31, 87-95.	2.2	27
113	Two cutinaseâ€like proteins secreted byMycobacterium tuberculosisshow very different lipolytic activities reflecting their physiological function. FASEB Journal, 2010, 24, 1893-1903.	0.5	65
114	Amplitude of Pancreatic Lipase Lid Opening in Solution and Identification of Spin Label Conformational Subensembles by Combining Continuous Wave and Pulsed EPR Spectroscopy and Molecular Dynamics. Biochemistry, 2010, 49, 2140-2149.	2.5	30
115	In vitro stereoselective hydrolysis of diacylglycerols by hormone-sensitive lipase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 77-83.	2.4	36
116	Lipolysis of natural long chain and synthetic medium chain galactolipids by pancreatic lipase-related protein 2. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 508-516.	2.4	38
117	Evidence for the cytotoxic effects of Mycobacterium tuberculosis phospholipase C towards macrophages. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1305-1313.	2.4	33
118	Specific assay of carboxyl ester hydrolase using PEG esters as substrate. Analytical Methods, 2010, 2, 1013.	2.7	7
119	Enhanced susceptibility to pancreatitis in severe hypertriglyceridaemic lipoprotein lipase-deficient mice and agonist-like function of pancreatic lipase in pancreatic cells. Gut, 2009, 58, 422-430.	12.1	61
120	Inhibition of human pancreatic lipase by tetrahydrolipstatin: Further kinetic studies showing its reversibility. Journal of Molecular Catalysis B: Enzymatic, 2009, 58, 41-47.	1.8	40
121	In Vitro Gastrointestinal Lipolysis of Four Formulations of Piroxicam and Cinnarizine with the Self Emulsifying Excipients LabrasolÂ® and GelucireÂ® 44/14. Pharmaceutical Research, 2009, 26, 1901-1910.	3.5	82
122	The role of free fatty acids, pancreatic lipase and Ca²⁺ signalling in injury of isolated acinar cells and pancreatitis model in lipoprotein lipaseâ€deficient mice. Acta Physiologica, 2009, 195, 13-28.	3.8	73
123	In vitro comparisons between Carica papaya and pancreatic lipases during test meal lipolysis: Potential use of CPL in enzyme replacement therapy. Food Chemistry, 2009, 115, 488-494.	8.2	35
124	Validation of lipolysis product extraction from aqueous/biological samples, separation and quantification by thin-layer chromatography with flame ionization detection analysis using O-cholesteryl ethylene glycol as a new internal standard. Journal of Chromatography A, 2009, 1216, 6543-6548.	3.7	19
125	Lid Opening and Unfolding in Human Pancreatic Lipase at Low pH Revealed by Site-Directed Spin Labeling EPR and FTIR Spectroscopy. Biochemistry, 2009, 48, 630-638.	2.5	36
126	First evidence for the salt-dependent folding and activity of an esterase from the halophilic archaea Haloarcula marismortui. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 719-729.	2.4	87

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127	Continuous measurement of galactolipid hydrolysis by pancreatic lipolytic enzymes using the pH-stat technique and a medium chain monogalactosyl diglyceride as substrate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 983-990.	2.4	41
128	Identification and biochemical characterization of a GDSL-motif carboxylester hydrolase from Carica papaya latex. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 1048-1056.	2.4	52
129	Lipids for the future: From agro-resources to human health. Biochimie, 2009, 91, iv-v.	2.6	0
130	In vitro comparative study of three pancreatic enzyme preparations: dissolution profiles, active enzyme release and acid stability. Alimentary Pharmacology and Therapeutics, 2008, 27, 283-292.	3.7	34
131	Gastric lipase: an extremophilic interfacial enzyme with medical applications. Cellular and Molecular Life Sciences, 2008, 65, 851-854.	5.4	47
132	Lipolytic enzymes in Mycobacterium tuberculosis. Applied Microbiology and Biotechnology, 2008, 78, 741-749.	3.6	69
133	Characterization of typo-, regio-, and stereo-selectivities of babaco latex lipase in aqueous and organic media. Biotechnology Letters, 2008, 30, 769-774.	2.2	24
134	Identification of oil palm breeding lines producing oils with low acid values. European Journal of Lipid Science and Technology, 2008, 110, 505-509.	1.5	20
135	An analytical method for determining relative specificities for sequential reactions catalyzed by the same enzyme: General formulation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 705-715.	2.3	20
136	Novel chromatographic resolution of chiral diacylglycerols and analysis of the stereoselective hydrolysis of triacylglycerols by lipases. Analytical Biochemistry, 2008, 375, 196-208.	2.4	38
137	Development of an indirect method for measuring porcine pancreatic lipase in human duodenal fluid. Analytical Biochemistry, 2008, 383, 289-295.	2.4	5
138	Lipolysis of the semi-solid self-emulsifying excipient GelucireÂ® 44/14 by digestive lipases. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 367-375.	2.4	75
139	Occurrence of pancreatic lipase-related protein-2 in various species and its relationship with herbivore diet. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 1-9.	1.6	39
140	An analytical method for determining relative specificities for sequential reactions catalyzed by the same enzyme: Application to the hydrolysis of triacylglycerols by lipases. Journal of Biotechnology, 2008, 133, 343-350.	3.8	17
141	Determination of the quantitative stereoselectivity fingerprint of lipases during hydrolysis of a prochiral triacylglycerol. Journal of Biotechnology, 2008, 135, 168-173.	3.8	16
142	Structure of Human Pancreatic Lipase-Related Protein 2 with the Lid in an Open Conformation[,]. Biochemistry, 2008, 47, 9553-9564.	2.5	68
143	Soixante ans de recherche sur la lipolyse enzymatique des corps gras Ã Marseille. Oleagineux Corps Gras Lipides, 2008, 15, 196-207.	0.2	4
144	Quantitative and Qualitative Study of Gastric Lipolysis in Premature Infants: Do MCT-Enriched Infant Formulas Improve Fat Digestion?. Pediatric Research, 2007, 61, 83-88.	2.3	83

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145	Characterization of an exported monoglyceride lipase from Mycobacterium tuberculosis possibly involved in the metabolism of host cell membrane lipids. Biochemical Journal, 2007, 408, 417-427.	3.7	82
146	Further biochemical characterization of human pancreatic lipase-related protein 2 expressed in yeast cells. Journal of Lipid Research, 2007, 48, 1539-1549.	4.2	57
147	High-level constitutive expression in Pichia pastoris and one-step purification of phospholipase D from cowpea (Vigna unguiculata L. Walp). Protein Expression and Purification, 2007, 51, 162-169.	1.3	13
148	Purification and biochemical characterization of the LIP2 lipase from Yarrowia lipolytica. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 228-237.	2.4	89
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