

# Robert Verger

## List of Publications by Citations

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10,938  
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5.77  
L-index

#	Paper	IF	Citations
151	Lipases: Interfacial Enzymes with Attractive Applications. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 1608-1633	16.4	951
150	Interfacial activation of lipases: facts and artifacts. <i>Trends in Biotechnology</i> , <b>1997</b> , 15, 32-38	15.1	660
149	Interfacial activation of the lipase-procolipase complex by mixed micelles revealed by X-ray crystallography. <i>Nature</i> , <b>1993</b> , 362, 814-20	50.4	636
148	Action of Phospholipase A at Interfaces. <i>Journal of Biological Chemistry</i> , <b>1973</b> , 248, 4023-4034	5.4	387
147	Secretion and contribution to lipolysis of gastric and pancreatic lipases during a test meal in humans. <i>Gastroenterology</i> , <b>1993</b> , 105, 876-88	13.3	376
146	Structure of the pancreatic lipase-procolipase complex. <i>Nature</i> , <b>1992</b> , 359, 159-62	50.4	339
145	Enzyme reactions in a membrane model. 1. A new technique to study enzyme reactions in monolayers. <i>Chemistry and Physics of Lipids</i> , <b>1973</b> , 10, 127-36	3.7	332
144	The 2.46 Å resolution structure of the pancreatic lipase-colipase complex inhibited by a C11 alkyl phosphonate. <i>Biochemistry</i> , <b>1995</b> , 34, 2751-62	3.2	256
143	Methods for lipase detection and assay: a critical review. <i>European Journal of Lipid Science and Technology</i> , <b>2000</b> , 102, 133-153	3	241
142	Stereoselective hydrolysis of triglycerides by animal and microbial lipases. <i>Chirality</i> , <b>1993</b> , 5, 24-30	2.1	224
141	Kinetic assay of human gastric lipase on short- and long-chain triacylglycerol emulsions. <i>Gastroenterology</i> , <b>1986</b> , 91, 919-25	13.3	207
140	Cutinase, a lipolytic enzyme with a preformed oxyanion hole. <i>Biochemistry</i> , <b>1994</b> , 33, 83-9	3.2	168
139	The specific activities of human digestive lipases measured from the in vivo and in vitro lipolysis of test meals. <i>Gastroenterology</i> , <b>2000</b> , 119, 949-60	13.3	149
138	Evidence for a pancreatic lipase subfamily with new kinetic properties. <i>Biochemistry</i> , <b>1994</b> , 33, 2748-56	3.2	135
137	Importance of human gastric lipase for intestinal lipolysis: an in vitro study. <i>Lipids and Lipid Metabolism</i> , <b>1986</b> , 879, 419-23		135
136	Molecular cloning of a human gastric lipase and expression of the enzyme in yeast. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1987</b> , 909, 237-44		130
135	Crystal structure of human gastric lipase and model of lysosomal acid lipase, two lipolytic enzymes of medical interest. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 16995-7002	5.4	128

134	Correlation of enzymatic activity and anticoagulant properties of phospholipase A2. <i>FEBS Journal</i> , <b>1980</b> , 112, 25-32		124
133	Human preduodenal lipase is entirely of gastric fundic origin. <i>Gastroenterology</i> , <b>1988</b> , 95, 1221-6	13.3	123
132	Gastric lipases: biochemical and physiological studies. <i>Lipids and Lipid Metabolism</i> , <b>1989</b> , 1006, 255-71		120
131	Structural basis for the substrate selectivity of pancreatic lipases and some related proteins. <i>BBA - Biomembranes</i> , <b>1998</b> , 1376, 417-32		112
130	Inhibition of gastrointestinal lipolysis by Orlistat during digestion of test meals in healthy volunteers. <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 281, G16-28	5.1	112
129	A critical reevaluation of the phenomenon of interfacial activation. <i>Methods in Enzymology</i> , <b>1997</b> , 286, 327-47	1.7	110
128	Purification and characterization of a porcine liver microsomal triacylglycerol hydrolase. <i>Biochemistry</i> , <b>1997</b> , 36, 1861-8	3.2	106
127	Effects of gum arabic on lipase interfacial binding and activity. <i>Analytical Biochemistry</i> , <b>2001</b> , 294, 36-43	3.1	103
126	Crystal structure of the open form of dog gastric lipase in complex with a phosphonate inhibitor. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 2266-74	5.4	95
125	Purification and biochemical characterization of dog gastric lipase. <i>FEBS Journal</i> , <b>1991</b> , 202, 75-83		94
124	A pancreatic lipase with a phospholipase A1 activity: crystal structure of a chimeric pancreatic lipase-related protein 2 from guinea pig. <i>Structure</i> , <b>1996</b> , 4, 1363-74	5.2	93
123	A novel extracellular esterase from <i>Bacillus subtilis</i> and its conversion to a monoacylglycerol hydrolase. <i>FEBS Journal</i> , <b>2000</b> , 267, 6459-69		89
122	Human pancreatic lipase-related protein 2 is a galactolipase. <i>Biochemistry</i> , <b>2004</b> , 43, 10138-48	3.2	87
121	Digestive lipases: from three-dimensional structure to physiology. <i>Biochimie</i> , <b>2000</b> , 82, 973-86	4.6	85
120	Pancreatic lipase-related protein 2 but not classical pancreatic lipase hydrolyzes galactolipids. <i>Lipids and Lipid Metabolism</i> , <b>1996</b> , 1302, 236-40		84
119	Screening of preduodenal lipases in several mammals. <i>Lipids and Lipid Metabolism</i> , <b>1988</b> , 959, 247-52		84
118	Pancreatic lipase structure-function relationships by domain exchange. <i>Biochemistry</i> , <b>1997</b> , 36, 239-48	3.2	83
117	Inactivation of gastric and pancreatic lipases by diethyl p-nitrophenyl phosphate. <i>Biochemistry</i> , <b>1991</b> , 30, 1037-41	3.2	81

116	Minireview on pancreatic lipase and colipase. <i>Biochimie</i> , <b>1988</b> , 70, 1223-34	4.6	80
115	Human gastric lipase. The effect of amphiphiles. <i>FEBS Journal</i> , <b>1986</b> , 156, 305-10		79
114	Purification, characterization and kinetic properties of the rabbit gastric lipase. <i>Lipids and Lipid Metabolism</i> , <b>1988</b> , 960, 286-93		74
113	Lipasen: Grenzflächen-Enzyme mit attraktiven Anwendungen. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 1694-1720	3.6	73
112	Oil-bodies as substrates for lipolytic enzymes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2001</b> , 1531, 47-58	5	73
111	Probing the opening of the pancreatic lipase lid using site-directed spin labeling and EPR spectroscopy. <i>Biochemistry</i> , <b>2007</b> , 46, 2205-14	3.2	72
110	Conformational changes and orientation of Humicola lanuginosa lipase on a solid hydrophobic surface: an in situ interface Fourier transform infrared-attenuated total reflection study. <i>Biophysical Journal</i> , <b>2002</b> , 82, 2709-19	2.9	72
109	Synthesis and study of a lipophilic alpha-keto amide inhibitor of pancreatic lipase. <i>Organic Letters</i> , <b>2000</b> , 2, 347-50	6.2	70
108	Structure and activity of rat pancreatic lipase-related protein 2. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 32121-8	5.4	70
107	Human pancreatic lipase: colipase dependence and interfacial binding of lid domain mutants. <i>Biochemistry</i> , <b>1999</b> , 38, 5499-510	3.2	70
106	Inhibition of lipases by proteins: a binding study using dicaprin monolayers. <i>Biochemistry</i> , <b>1986</b> , 25, 1733-8	3.2	68
105	In vivo and in vitro studies on the stereoselective hydrolysis of tri- and diglycerides by gastric and pancreatic lipases. <i>Bioorganic and Medicinal Chemistry</i> , <b>1997</b> , 5, 429-35	3.4	65
104	Lipase stereoselectivity and regioselectivity toward three isomers of dicaprin: A kinetic study by the monomolecular film technique. <i>Chirality</i> , <b>1995</b> , 7, 505-515	2.1	61
103	Interactions between beta-cyclodextrin and insoluble glyceride monomolecular films at the argon/water interface: application to lipase kinetics. <i>Chemistry and Physics of Lipids</i> , <b>1994</b> , 70, 35-42	3.7	53
102	Covalent inhibition of digestive lipases: an in vitro study. <i>Lipids and Lipid Metabolism</i> , <b>1997</b> , 1344, 6-37		52
101	Crystallographic study of the structure of colipase and of the interaction with pancreatic lipase. <i>Protein Science</i> , <b>1995</b> , 4, 44-57	6.3	52
100	Surface behaviour of bile salts and tetrahydrolipstatin at air/water and oil/water interfaces. <i>Chemistry and Physics of Lipids</i> , <b>2001</b> , 111, 73-85	3.7	49
99	Reactivation of the totally inactive pancreatic lipase RP1 by structure-predicted point mutations. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>1998</b> , 32, 523-531	4.2	47

98	Binding of <i>Thermomyces (Humicola) lanuginosa</i> lipase to the mixed micelles of cis-parinaric acid/NaTDC. <i>FEBS Journal</i> , <b>2002</b> , 269, 1613-21		47
97	Possible roles of bile lipids and colipase in lipase adsorption. <i>Biochemistry</i> , <b>1978</b> , 17, 5263-9	3.2	46
96	Inactivation of pancreatic and gastric lipases by tetrahydrolipstatin and alkyl-dithio-5-(2-nitrobenzoic acid). A kinetic study with 1,2-didecanoyl-sn-glycerol monolayers. <i>FEBS Journal</i> , <b>1991</b> , 202, 395-400		44
95	Pancreatic lipase-related protein 1 (PLRP1) is present in the pancreatic juice of several species. <i>BBA - Proteins and Proteomics</i> , <b>1998</b> , 1387, 331-41		43
94	N-terminal peptide of <i>Rhizopus oryzae</i> lipase is important for its catalytic properties. <i>FEBS Letters</i> , <b>2005</b> , 579, 976-82	3.8	43
93	Use of the tape stripping technique for directly quantifying esterase activities in human stratum corneum. <i>Analytical Biochemistry</i> , <b>2001</b> , 290, 179-85	3.1	43
92	Intestinal phospholipase, a novel enzyme. <i>Journal of Clinical Investigation</i> , <b>1982</b> , 69, 368-76	15.9	43
91	Biochemical properties and three-dimensional structures of two extracellular lipolytic enzymes from <i>Bacillus subtilis</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2002</b> , 26, 37-46	6	42
90	Synthesis of 2-Oxo amide triacylglycerol analogues and study of their inhibition effect on pancreatic and gastric lipases. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 4211-7	4.8	41
89	Lipases or esterases: does it really matter? Toward a new bio-physico-chemical classification. <i>Methods in Molecular Biology</i> , <b>2012</b> , 861, 31-51	1.4	40
88	Covalent inactivation of lipases. <i>Methods in Enzymology</i> , <b>1997</b> , 286, 190-231	1.7	40
87	Covalent inhibition of digestive lipases by chiral phosphonates. <i>Accounts of Chemical Research</i> , <b>2000</b> , 33, 579-89	24.3	39
86	Might the kinetic behavior of hormone-sensitive lipase reflect the absence of the lid domain?. <i>Biochemistry</i> , <b>2004</b> , 43, 9298-306	3.2	38
85	Large-scale production of a therapeutic protein in transgenic tobacco plants: effect of subcellular targeting on quality of a recombinant dog gastric lipase. <i>Molecular Breeding</i> , <b>2001</b> , 7, 329-340	3.4	38
84	Isoform purification of gastric lipases. Towards crystallization. <i>Journal of Molecular Biology</i> , <b>1992</b> , 225, 147-53	6.5	38
83	Digestive lipases: inactivation by phosphonates. <i>Lipids and Lipid Metabolism</i> , <b>1994</b> , 1210, 157-66		37
82	Role of a sulfhydryl group in gastric lipases. A binding study using the monomolecular-film technique. <i>FEBS Journal</i> , <b>1989</b> , 180, 367-71		37
81	Crystallization of pancreatic procolipase and of its complex with pancreatic lipase. <i>Journal of Molecular Biology</i> , <b>1993</b> , 229, 552-4	6.5	35

80	Interfacial and temporal organization of enzymatic lipolysis. <i>Current Opinion in Colloid and Interface Science</i> , <b>1997</b> , 2, 517-525	7.6	34
79	Bis-2-oxo amide triacylglycerol analogues: a novel class of potent human gastric lipase inhibitors. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 962-7	4.2	34
78	Dog gastric lipase: stimulation of its secretion in vivo and cytolocalization in mucous pit cells. <i>Gastroenterology</i> , <b>1992</b> , 102, 1535-45	13.3	34
77	An ultraviolet spectrophotometric assay for measuring lipase activity using long-chain triacylglycerols from <i>Aleurites fordii</i> seeds. <i>Analytical Biochemistry</i> , <b>2002</b> , 303, 17-24	3.1	33
76	Egg yolk lipoproteins as substrates for lipases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2000</b> , 1485, 56-62	5	33
75	Human pancreatic lipase: an exposed hydrophobic loop from the C-terminal domain may contribute to interfacial binding. <i>Biochemistry</i> , <b>1998</b> , 37, 11846-55	3.2	33
74	Hydrolysis of monomolecular films of long chain phosphatidylcholine by phospholipase A2 in the presence of $\beta$ -cyclodextrin. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1996</b> , 6, 9-17	6	33
73	Use of naturally fluorescent triacylglycerols from <i>Parinari glaberrimum</i> to detect low lipase activities from <i>Arabidopsis thaliana</i> seedlings. <i>Journal of Lipid Research</i> , <b>1999</b> , 40, 2313-2321	6.3	33
72	[13] Monolayer techniques for studying lipase kinetics. <i>Methods in Enzymology</i> , <b>1997</b> , 286, 263-292	1.7	32
71	Inhibition of human gastric and pancreatic lipases by chiral alkylphosphonates. A kinetic study with 1,2-didecanoyl-sn-glycerol monolayer. <i>Chemistry and Physics of Lipids</i> , <b>1999</b> , 100, 3-31	3.7	31
70	Surface behaviour of human pancreatic and gastric lipases. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1994</b> , 2, 585-593	6	31
69	Purification and interfacial behavior of recombinant human gastric lipase produced from insect cells in a bioreactor. <i>Protein Expression and Purification</i> , <b>1998</b> , 14, 23-30	2	29
68	Structure-function relationships in naturally occurring mutants of pancreatic lipase. <i>Protein Engineering, Design and Selection</i> , <b>1994</b> , 7, 563-9	1.9	29
67	Hydrolysis of 1-palmitoyl-2-[6-(pyren-1-yl)]hexanoyl-sn-glycero-3-phospholipids by phospholipase A2: effect of the polar head-group. <i>Lipids and Lipid Metabolism</i> , <b>1987</b> , 917, 411-7		28
66	Human gastric lipase. A kinetic study with dicaprin monolayers. <i>FEBS Journal</i> , <b>1987</b> , 169, 125-9		28
65	Kinetic studies of <i>Rhizopus oryzae</i> lipase using monomolecular film technique. <i>Biochimie</i> , <b>2001</b> , 83, 463-9.	4.6	27
64	Kinetic behaviour of pancreatic lipase in five species using emulsions and monomolecular films of synthetic glycerides. <i>Lipids and Lipid Metabolism</i> , <b>1995</b> , 1257, 223-9		27
63	Interfacial binding of human gastric lipase to lipid monolayers, measured with an ELISA. <i>Biochemistry</i> , <b>1995</b> , 34, 10786-93	3.2	27

62	Regulation by the Interfacial quality of some biological activities. <i>Colloids and Surfaces</i> , <b>1984</b> , 10, 163-180		27
61	Study of fatty acid specificity of sunflower phospholipase D using detergent/phospholipid micelles. <i>FEBS Journal</i> , <b>1997</b> , 248, 374-9		26
60	Purification and molecular characterization of lamb pregastric lipase. <i>BBA - Proteins and Proteomics</i> , <b>1995</b> , 1252, 321-9		26
59	Surface properties of bacterial sulfhydryl-activated cytolytic toxins. Interaction with monomolecular films of phosphatidylcholine and various sterols. <i>FEBS Journal</i> , <b>1984</b> , 141, 205-10		25
58	The molecular mechanism of human hormone-sensitive lipase inhibition by substituted 3-phenyl-5-alkoxy-1,3,4-oxadiazol-2-ones. <i>Biochimie</i> , <b>2012</b> , 94, 137-45	4.6	24
57	Effects of colipase and bile salts on the catalytic activity of human pancreatic lipase. A study using the oil drop tensiometer. <i>Biochemistry</i> , <b>1997</b> , 36, 3423-9	3.2	24
56	Porcine pancreatic procolipase and its trypsin-activated form: lipid binding and lipase activation on monomolecular films. <i>FEBS Letters</i> , <b>1981</b> , 128, 217-20	3.8	24
55	Importance of sulfhydryl group for rabbit gastric lipase activity. <i>FEBS Letters</i> , <b>1988</b> , 236, 383-7	3.8	23
54	Heterologous expression and N-terminal His-tagging processes affect the catalytic properties of staphylococcal lipases: a monolayer study. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 350, 586-94	9.3	22
53	The N-terminal His-tag affects the enantioselectivity of staphylococcal lipases: a monolayer study. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 313, 261-7	9.3	22
52	Surface properties of unsaturated non-oxidized and oxidized free fatty acids spread as monomolecular films at an argon/water interface. <i>Chemistry and Physics of Lipids</i> , <b>2000</b> , 104, 93-9	3.7	22
51	Mechanisms underlying the desorption of long-chain lipolytic products by cyclodextrins: application to lipase kinetics in monolayer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1997</b> , 10, 1-12	6	21
50	The influence of bile salts and bile lipoprotein complex on pancreatic lipase hydrolysis of monomolecular films. <i>Lipids and Lipid Metabolism</i> , <b>1980</b> , 618, 106-18		21
49	Lipase regio- and stereoselectivities toward three enantiomeric pairs of didecanoyl-deoxyamino-O methyl glycerol: a kinetic study by the monomolecular film technique. <i>Chirality</i> , <b>2003</b> , 15, 220-6	2.1	20
48	Continuous monitoring of cholesterol oleate hydrolysis by hormone-sensitive lipase and other cholesterol esterases. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 994-1000	6.3	20
47	Inhibition of lipase adsorption at interfaces. Role of bile salt micelles and colipase. <i>Biochemistry</i> , <b>1978</b> , 17, 205-8	3.2	20
46	Transfer of orlistat through oil-water interfaces. <i>Chemistry and Physics of Lipids</i> , <b>2002</b> , 119, 41-9	3.7	19
45	Interfacial and/or molecular recognition by lipases of mixed monomolecular films of 1,2-dicaprin and chiral organophosphorus glyceride analogues?. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1999</b> , 13, 37-45 <sup>6</sup>		19



44	Synthetic routes and lipase-inhibiting activity of long-chain alpha-keto amides. <i>Lipids</i> , <b>2001</b> , 36, 535-42	1.6	18
43	Inhibition of dog and human gastric lipases by enantiomeric phosphonate inhibitors: a structure-activity study. <i>Biochemistry</i> , <b>2003</b> , 42, 11587-93	3.2	17
42	A kinetic study of the formation of beta-cyclodextrin complexes with monomolecular films of fatty acids and glycerides spread at the air/water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2005</b> , 42, 9-20	6	17
41	A conformational transition between an open and closed form of human pancreatic lipase revealed by a monoclonal antibody. <i>BBA - Proteins and Proteomics</i> , <b>2000</b> , 1476, 165-72		17
40	Human pancreatic lipase. Importance of the hinge region between the two domains, as revealed by monoclonal antibodies. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 3932-7	5.4	16
39	Epitope mapping and immunoinactivation of human gastric lipase using five monoclonal antibodies. <i>FEBS Journal</i> , <b>1993</b> , 211, 99-104		16
38	Development of a high-throughput assay for measuring lipase activity using natural triacylglycerols coated on microtiter plates. <i>Analyst, The</i> , <b>2013</b> , 138, 5230-8	5	15
37	Triacylglycerols based on 2-(N-tert-butoxycarbonylamino)oleic acid are potent inhibitors of pancreatic lipase. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 288-91	8.3	15
36	Physiology of Gastrointestinal Lipolysis and Therapeutical Use of Lipases and Digestive Lipase Inhibitors <b>2005</b> , 195-229		15
35	Gastric lipase: crystal structure and activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>1999</b> , 1441, 197-204	5	15
34	Tryptic cleavage of gastric lipases: location of the single disulfide bridge. <i>Lipids and Lipid Metabolism</i> , <b>1994</b> , 1213, 319-24		15
33	Competitive inhibition of lipolytic enzymes. V. A monolayer study using enantiomeric acylamino analogues of phospholipids as potent competitive inhibitors of porcine pancreatic phospholipase A2. <i>Lipids and Lipid Metabolism</i> , <b>1992</b> , 1123, 92-100		15
32	Rat platelet phospholipase A2. Kinetic characterization using the monomolecular film technique. <i>FEBS Journal</i> , <b>1992</b> , 204, 793-7		15
31	Molecular evolution of the pancreatic lipase and two related enzymes towards different substrate selectivities. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>1997</b> , 3, 55-64		14
30	Application to the Synthesis of Enantiopure Phosphonates Analogous to Triglycerides: A New Class of Inhibitors of Lipases. <i>European Journal of Organic Chemistry</i> , <b>1999</b> , 1999, 1671-1678	3.2	13
29	Staphylococcal lipases stereoselectively hydrolyse the sn-2 position of monomolecular films of diglyceride analogs. Application to sn-2 hydrolysis of triolein. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 347, 301-8	9.3	12
28	An inactive pancreatic lipase-related protein is activated into a triglyceride-lipase by mutagenesis based on the 3-D structure. <i>Chemistry and Physics of Lipids</i> , <b>1998</b> , 93, 103-14	3.7	12
27	Glyceride synthesis catalyzed by cutinase using the monomolecular film technique. <i>Biochemistry</i> , <b>1995</b> , 34, 1615-21	3.2	12



26	Large-scale purification and kinetic properties of recombinant hormone-sensitive lipase from baculovirus-insect cell systems. <i>Methods in Enzymology</i> , <b>1997</b> , 284, 272-84	1.7	11
25	Interaction of a poly(dimethylsiloxane) with triglycerides in monomolecular films and application to lipase kinetics. <i>Chemistry and Physics of Lipids</i> , <b>1996</b> , 81, 1-9	3.7	11
24	Biochemical characterisation and kinetic properties of a purified lipase from <i>Aspergillus niger</i> in bulk phase and monomolecular films. <i>Enzyme and Microbial Technology</i> , <b>2002</b> , 30, 902-909	3.8	10
23	The condensing effects of egg lecithin and cholesterol on triolein monolayers are inhibited by substitution of one saturated acyl chain in the triacylglycerol. <i>Lipids and Lipid Metabolism</i> , <b>1994</b> , 1211, 229-33		10
22	Expression in <i>Pichia pastoris</i> X33 of His-tagged lipase from a novel strain of <i>Rhizopus oryzae</i> and its mutant Asn 134 His: purification and characterization. <i>World Journal of Microbiology and Biotechnology</i> , <b>2009</b> , 25, 1375-1384	4.4	9
21	Regulation of lumen fat digestion: enzymic aspects. <i>Proceedings of the Nutrition Society</i> , <b>1996</b> , 55, 5-18	2.9	9
20	Purification, biochemical and kinetic properties of recombinant <i>Staphylococcus aureus</i> lipase. <i>Methods in Molecular Biology</i> , <b>2012</b> , 861, 267-82	1.4	8
19	Novel trifluoromethyl ketones as potent gastric lipase inhibitors. <i>ChemBioChem</i> , <b>2003</b> , 4, 90-5	3.8	8
18	A comparative kinetic study on human pancreatic and <i>Thermomyces lanuginosa</i> lipases: Inhibitory effects of tetrahydrolipstatin in the presence of lipid substrates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2010</b> , 62, 19-26		7
17	Immunological techniques for the characterization of digestive lipases. <i>Methods in Enzymology</i> , <b>1997</b> , 286, 126-49	1.7	7
16	Synthesis and properties of novel lipopeptides and lipid mimetics. <i>Journal of Peptide Science</i> , <b>1997</b> , 3, 291-8	2.1	7
15	An enzymatically active truncated form (-55 N-terminal residues) of rabbit gastric lipase. Correlation between the enzymatic activity and disulfide bond oxydo-reduction state. <i>BBA - Proteins and Proteomics</i> , <b>1998</b> , 1386, 39-49		7
14	Structure-function relationships of pancreatic lipases. <i>Lipid - Fett</i> , <b>1998</b> , 100, 96-102		7
13	Sterically hindered triacylglycerol analogues as potent inhibitors of human digestive lipases. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1133-40	4.8	7
12	Critical evaluation of a specific ELISA and two enzymatic assays of pancreatic lipases in human sera. <i>Pancreatology</i> , <b>2004</b> , 4, 495-503; discussion 503-4	3.8	7
11	A new method for determining phospholipase D activity using the monomolecular film technique. <i>Chemistry and Physics of Lipids</i> , <b>1996</b> , 79, 107-12	3.7	7
10	The Kinetics, Specificities and Structural Features of Lipases <b>1996</b> , 143-182		7
9	Gly311 residue triggers the enantioselectivity of <i>Staphylococcus xylosum</i> lipase: a monolayer study. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 310, 196-204	9.3	6

8	Synthesis of lipophilic aldehydes and study of their inhibition effect on human digestive lipases. <i>Organic Letters</i> , <b>2002</b> , 4, 2625-8	6.2	6
7	Zymogram of pancreatic lipases. <i>Analytical Biochemistry</i> , <b>2000</b> , 281, 234-6	3.1	5
6	The Kinetics, Specificities and Structural Features of Lipases <b>1996</b> , 265-304		5
5	Continuous measurement of the lipoxygenase-catalyzed oxidation of unsaturated lipids using the monomolecular film technique. <i>Pharmaceutical Research</i> , <b>2006</b> , 23, 2469-74	4.5	4
4	Digestive Lipases Inhibition: an In vitro Study <b>2005</b> , 155-193		3
3	Kinetics of the spreading of Intralipid <sup>®</sup> emulsions at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1995</b> , 4, 213-220	6	3
2	One-step purification and biochemical characterization of recombinant pancreatic lipases expressed in insect cells. <i>Methods in Molecular Biology</i> , <b>1999</b> , 109, 187-202	1.4	2
1	Scorpion digestive lipase: kinetic study using monomolecular film technique. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 49, 8-14	6	1