

# M A Lizarbe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8005322/publications.pdf>

Version: 2024-02-01

76  
papers

3,373  
citations

172457

29  
h-index

149698

56  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and physical properties of gelatin extracted from different marine species: a comparative study. <i>Food Hydrocolloids</i> , 2002, 16, 25-34.	10.7	659
2	Annexin-Phospholipid Interactions. Functional Implications. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2652-2683.	4.1	209
3	Bioactive sol-gel glasses with and without a hydroxycarbonate apatite layer as substrates for osteoblast cell adhesion and proliferation. <i>Biomaterials</i> , 2003, 24, 3383-3393.	11.4	142
4	Bile acids in the colon, from healthy to cytotoxic molecules. <i>Toxicology in Vitro</i> , 2013, 27, 964-977.	2.4	137
5	Role of anchorin CII, a 31,000-mol-wt membrane protein, in the interaction of chondrocytes with type II collagen. <i>Journal of Cell Biology</i> , 1984, 98, 1572-1579.	5.2	136
6	Cytotoxic mechanism of the ribotoxin $\beta$ -sarcin. <i>FEBS Journal</i> , 2001, 268, 2113-2123.	0.2	134
7	Use of lactic acid for extraction of fish skin gelatin. <i>Food Hydrocolloids</i> , 2005, 19, 941-950.	10.7	102
8	The Structure of Human 4F2hc Ectodomain Provides a Model for Homodimerization and Electrostatic Interaction with Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2007, 282, 31444-31452.	3.4	101
9	The tetraspanin CD9 inhibits the proliferation and tumorigenicity of human colon carcinoma cells. <i>International Journal of Cancer</i> , 2007, 121, 2140-2152.	5.1	95
10	Deoxycholic and chenodeoxycholic bile acids induce apoptosis via oxidative stress in human colon adenocarcinoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1054-1067.	4.9	90
11	Study of biochemical substrate and role of metalloproteinases in fascia transversalis from hernial processes. <i>European Journal of Clinical Investigation</i> , 1997, 27, 510-516.	3.4	87
12	In vitro transformation of chondroprogenitor cells into osteoblasts and the formation of new membrane bone. <i>The Anatomical Record</i> , 1983, 206, 373-383.	1.8	73
13	A Functionally Relevant Conformational Epitope on the CD9 Tetraspanin Depends on the Association with Activated $\beta$ 1 Integrin. <i>Journal of Biological Chemistry</i> , 2003, 278, 208-218.	3.4	66
14	Upregulation of Annexin A1 Expression by Butyrate in Human Colon Adenocarcinoma Cells: Role of p53, NF- $\kappa$ B, and p38 Mitogen-Activated Protein Kinase. <i>Molecular and Cellular Biology</i> , 2008, 28, 4665-4674.	2.3	65
15	Kinetic study of the cytotoxic effect of $\beta$ -sarcin, a ribosome inactivating protein from <i>Aspergillus giganteus</i> , on tumour cell lines: protein biosynthesis inhibition and cell binding. <i>Molecular and Cellular Biochemistry</i> , 1993, 122, 39-47.	3.1	63
16	Differentiation of human colon adenocarcinoma cells alters the expression and intracellular localization of annexins A1, A2, and A5. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 178-193.	2.6	56
17	Modulation of $\beta$ -nucleotidase activity in plasma membranes and intact cells by the extracellular matrix proteins laminin and fibronectin. <i>Biochemical Journal</i> , 1992, 282, 181-188.	3.7	48
18	Midregion Parathyroid Hormone-Related Protein Inhibits Growth and Invasion In Vitro and Tumorigenesis In Vivo of Human Breast Cancer Cells. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 2173-2181.	2.8	48

#	ARTICLE	IF	CITATIONS
19	Deletion of the NH <sub>2</sub> -terminal Î²-Hairpin of the Ribotoxin Î±-Sarcin Produces a Nontoxic but Active Ribonuclease. <i>Journal of Biological Chemistry</i> , 2002, 277, 18632-18639.	3.4	48
20	Biocompatibility and degradability of sepiolite-collagen complex. <i>Biomaterials</i> , 1987, 8, 67-69.	11.4	43
21	Biocompatibility and Calcification of Bovine Pericardium Employed for the Construction of Cardiac Bioprostheses Treated With Different Chemical Crosslink Methods. <i>Artificial Organs</i> , 2010, 34, E168-76.	1.9	41
22	Colorectal Cancer: From the Genetic Model to Posttranscriptional Regulation by Noncoding RNAs. <i>BioMed Research International</i> , 2017, 2017, 1-38.	1.9	40
23	Ecto-5'-nucleotidase from a human colon adenocarcinoma cell line. Correlation between enzyme activity and levels in intact cells. <i>Molecular and Cellular Biochemistry</i> , 1998, 187, 121-131.	3.1	37
24	4F2hc-silencing impairs tumorigenicity of HeLa cells via modulation of galectin-3 and Î²-catenin signaling, and MMP-2 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2045-2056.	4.1	37
25	Vitreous SiO <sub>2</sub> â€“CaO coatings on Ti6Al4V alloys: Reactivity in simulated body fluid versus osteoblast cell culture. <i>Acta Biomaterialia</i> , 2006, 2, 445-455.	8.3	35
26	Kinetic analysis of butyrate transport in human colon adenocarcinoma cells reveals two different carrier-mediated mechanisms. <i>Biochemical Journal</i> , 2008, 409, 311-320.	3.7	35
27	Acquisition of Resistance to Butyrate Enhances Survival after Stress and Induces Malignancy of Human Colon Carcinoma Cells. <i>Cancer Research</i> , 2004, 64, 4593-4600.	0.9	33
28	5â€“nucleotidase activity in cultured cell lines. Effect of different assay conditions and correlation with cell proliferation. <i>In Vitro Cellular &amp; Developmental Biology</i> , 1989, 25, 1055-1061.	1.0	32
29	Gelatinases in soft tissue biomaterials. Analysis of different crosslinking agents. <i>Biomaterials</i> , 2002, 23, 3473-3478.	11.4	30
30	Fatty acid synthetase complex from the insect <i>Ceratitis capitata</i> . <i>Lipids and Lipid Metabolism</i> , 1977, 487, 175-188.	2.6	29
31	Calcium-Dependent Conformational Rearrangements and Protein Stability in Chicken Annexin A5. <i>Biophysical Journal</i> , 2002, 83, 2280-2291.	0.5	28
32	Structureâ€“function relationship in annexin A13, the founder member of the vertebrate family of annexins. <i>Biochemical Journal</i> , 2005, 389, 899-911.	3.7	28
33	Structural and functional characterization of recombinant mouse annexin A11: influence of calcium binding. <i>Biochemical Journal</i> , 2003, 373, 437-449.	3.7	27
34	Biochemical and mechanical behavior of ostrich pericardium as a new biomaterial. <i>Acta Biomaterialia</i> , 2006, 2, 213-219.	8.3	27
35	Kinetics of in vivo degradation of sepiolite-collagen complexes: Effect of glutaraldehyde treatment. , 1996, 30, 77-84.		26
36	Stabilization of Pericardial Tissue by Glutaraldehyde. <i>Connective Tissue Research</i> , 1984, 13, 37-44.	2.3	25

#	ARTICLE	IF	CITATIONS
37	Role of the N-terminus in the structure and stability of chicken annexin V. <i>FEBS Letters</i> , 1997, 416, 217-220.	2.8	25
38	Fluorescence studies on the lipoprotein complex of the fatty acid synthetase from the insect <i>Ceratitis capitata</i> . <i>Biochemistry</i> , 1981, 20, 5689-5694.	2.5	22
39	Collagen binding activity of recombinant and N-terminally modified annexin V (ancherin CII). <i>Journal of Cellular Biochemistry</i> , 1995, 58, 208-220.	2.6	22
40	Histone deacetylase inhibitors upregulate MMP11 gene expression through Sp1/Smad complexes in human colon adenocarcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 570-581.	4.1	21
41	Outgrowth of fibroblasts on sepiolite-collagen complex. <i>Biomaterials</i> , 1987, 8, 35-37.	11.4	19
42	Implantation of sepiolite-collagen complexes in surgically created rat calvaria defects. <i>Biomaterials</i> , 1995, 16, 625-631.	11.4	19
43	Differentiation of BCS-TC2 human colon adenocarcinoma cells by sodium butyrate: increase in 5'-nucleotidase activity. <i>European Journal of Clinical Investigation</i> , 1997, 27, 620-628.	3.4	19
44	Interaction of dipalmitoyl- $\epsilon$ -phosphatidylcholine with calf thymus histone H1. <i>International Journal of Peptide and Protein Research</i> , 1985, 26, 187-194.	0.1	19
45	Resistance to butyrate impairs bile acid-induced apoptosis in human colon adenocarcinoma cells via up-regulation of Bcl-2 and inactivation of Bax. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 2201-2209.	4.1	19
46	Establishment and characterization of a new human colon adenocarcinoma cell line: BCS-TC2. <i>Cytotechnology</i> , 1990, 3, 75-88.	1.6	18
47	Lipid requirements for the structure and function of the fatty acid synthetase complex from <i>Ceratitis capitata</i> . <i>Journal of Biological Chemistry</i> , 1979, 254, 4015-4021.	3.4	17
48	Collagen Metabolism in Human Colon Adenocarcinoma. <i>Connective Tissue Research</i> , 1989, 23, 251-260.	2.3	15
49	Lipid requirements for the structure and function of the fatty acid synthetase complex from <i>Ceratitis capitata</i> . <i>Journal of Biological Chemistry</i> , 1979, 254, 4015-21.	3.4	15
50	Interaction of Type I Collagen with Sepiolite (Magnesium Silicate). <i>Collagen and Related Research</i> , 1985, 5, 9-16.	2.0	14
51	Cell morphology, proliferation and collagen synthesis of human fibroblasts cultured on sepiolite-collagen complexes. <i>Journal of Biomedical Materials Research Part B</i> , 1988, 22, 257-270.	3.1	14
52	Adhesion and Stability of Fibronectin on PTFE Before and After Seeding with Normal and Synchronized Endothelial Cells: In Vitro Study. <i>Artificial Organs</i> , 1995, 19, 144-153.	1.9	13
53	Calcification and identification of metalloproteinases in bovine pericardium after subcutaneous implantation in rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 1013-1017.	3.6	13
54	In vitro models for the study of the effect of butyrate on human colon adenocarcinoma cells. <i>Toxicology in Vitro</i> , 2007, 21, 262-270.	2.4	13

#	ARTICLE	IF	CITATIONS
55	Circular dichroism studies of the fatty acid synthetase complex from the insect <i>Ceratitis capitata</i> . <i>Biochemical and Biophysical Research Communications</i> , 1978, 83, 998-1003.	2.1	12
56	Effects of periodate and chondroitin 4-sulfate on proteoglycan stabilization of ostrich pericardium. Inhibition of calcification in subcutaneous implants in rats. <i>Biomaterials</i> , 2004, 25, 3359-3368.	11.4	12
57	Effect of Bile Acids on Butyrate-Sensitive and -Resistant Human Colon Adenocarcinoma Cells. <i>Nutrition and Cancer</i> , 2005, 53, 208-219.	2.0	11
58	Interaction of Fibronectin with Human Colon Adenocarcinoma Cells: Effect on the in vivo Tumorigenic Capacity. <i>Oncology</i> , 2002, 62, 371-380.	1.9	9
59	Changes in the expression of annexin A5 gene during in vitro chondrocyte differentiation: Influence of cell attachment. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 132-142.	2.6	9
60	Acquisition of resistance to butyrate induces resistance to luminal components and other types of stress in human colon adenocarcinoma cells. <i>Toxicology in Vitro</i> , 2007, 21, 254-261.	2.4	9
61	Effect of phospholipids on the length of the helical segments in the fatty acid synthetase complex from <i>Ceratitis capitata</i> . <i>FEBS Letters</i> , 1981, 126, 253-256.	2.8	8
62	Increase of collagen content and changes in the collagen fibers in the skin of rats fed with adulterated rapeseed oil involved in a toxic syndrome in Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 1985, 14, 389-394.	4.1	8
63	Isolation and characterization of the ecto-5'-nucleotidase from a rat glioblastoma cell line. <i>Molecular and Cellular Biochemistry</i> , 1992, 117, 23-33.	3.1	8
64	Key role of the N-terminus of chicken annexin A5 in vesicle aggregation. <i>Protein Science</i> , 2009, 18, 1095-1106.	7.6	8
65	Subcutaneous and intramuscular implantation of sepiolite-collagen complexes. <i>Journal of Materials Science: Materials in Medicine</i> , 1992, 3, 239-244.	3.6	7
66	Structural and lipid-binding characterization of human annexin A13a reveals strong differences with its long A13b isoform. <i>Biological Chemistry</i> , 2017, 398, 359-371.	2.5	7
67	Effect of <i>E. coli</i> endotoxin on the structure-function of fatty acid synthetase lipoprotein. <i>Biochemical and Biophysical Research Communications</i> , 1981, 101, 1228-1232.	2.1	6
68	Fatty acid synthetase content during development of the fly, <i>Ceratitis capitata</i> . <i>Insect Biochemistry</i> , 1977, 7, 415-418.	1.8	5
69	Structural characterization and unfolding mechanism of human 4F2hc ectodomain. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 536-544.	2.3	5
70	Adhesion and spreading of fibroblasts on sepiolite-collagen complexes. <i>Journal of Biomedical Materials Research Part B</i> , 1987, 21, 137-44.	3.1	5
71	Fatty acid synthetase complex from the insect <i>Ceratitis capitata</i> Structural studies. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1981, 668, 246-256.	1.7	4
72	Effects of palmitoyl-CoA on the structure-function of the fatty acid synthetase complex from <i>Ceratitis capitata</i> . <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1982, 14, 1061-1066.	0.5	4

#	ARTICLE	IF	CITATIONS
73	Fibroblastlike primary cells from human colon adenocarcinoma explants: Collagen biosynthesis. In <i>In Vitro Cellular &amp; Developmental Biology</i> , 1991, 27, 447-452.	1.0	3
74	Matrix components and behavior of human adenocarcinoma cells. In <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1994, 30, 643-647.	1.5	3
75	Fatty acid synthetase complex in <i>Ceratitis capitata</i> adult. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983, 76, 249-252.	0.2	1
76	Regulation of lipogenic enzymes by dietary unsaturated fatty acids in <i>Ceratitis capitata</i> larvae. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1980, 65, 687-692.	0.2	0