

Javier Turnay

List of Publications by Year in descending order

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59
papers

3,241
citations

201674

27
h-index

149698

56
g-index

59
all docs

59
docs citations

59
times ranked

4556
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	Inhibition of Phosphatidylserine Recognition Heightens the Immunogenicity of Irradiated Lymphoma Cells In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 200, 1157-1165.	8.5	159
4	Epitope-specific recognition of type II collagen by rheumatoid arthritis antibodies is shared with recognition by antibodies that are arthritogenic in collagen-induced arthritis in the mouse. <i>Arthritis and Rheumatism</i> , 2002, 46, 2339-2348.	6.7	151
5	Influence of different chemical cross-linking treatments on the properties of bovine pericardium and collagen. <i>Biomaterials</i> , 1999, 20, 539-545.	11.4	142
6	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
7	Bile acids in the colon, from healthy to cytotoxic molecules. <i>Toxicology in Vitro</i> , 2013, 27, 964-977.	2.4	137
8	Cytotoxic mechanism of the ribotoxin β -sarcin. <i>FEBS Journal</i> , 2001, 268, 2113-2123.	0.2	134
9	Use of lactic acid for extraction of fish skin gelatin. <i>Food Hydrocolloids</i> , 2005, 19, 941-950.	10.7	102
10	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
11	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
12	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
13	Characterization of hake (<i>Merluccius merluccius</i> L.) and trout (<i>Salmo irideus</i> Gibb) collagen. <i>Journal of Agricultural and Food Chemistry</i> , 1990, 38, 604-609.	5.2	77
14	Upregulation of Annexin A1 Expression by Butyrate in Human Colon Adenocarcinoma Cells: Role of p53, NF- κ 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 β -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	Characterization of Human Type X Procollagen and Its NC-1 Domain Expressed as Recombinant Proteins in HEK293 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 4547-4555.	3.4	59
17	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
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

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19	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
20	Colorectal Cancer: From the Genetic Model to Posttranscriptional Regulation by Noncoding RNAs. <i>BioMed Research International</i> , 2017, 2017, 1-38.	1.9	40
21	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
22	4F2hc-silencing impairs tumorigenicity of HeLa cells via modulation of galectin-3 and β^2 -catenin signaling, and MMP-2 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2045-2056.	4.1	37
23	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
24	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
25	5'-nucleotidase activity in cultured cell lines. Effect of different assay conditions and correlation with cell proliferation. <i>In Vitro Cellular & Developmental Biology</i> , 1989, 25, 1055-1061.	1.0	32
26	Gelatinases in soft tissue biomaterials. Analysis of different crosslinking agents. <i>Biomaterials</i> , 2002, 23, 3473-3478.	11.4	30
27	Calcium-Dependent Conformational Rearrangements and Protein Stability in Chicken Annexin A5. <i>Biophysical Journal</i> , 2002, 83, 2280-2291.	0.5	28
28	Structure-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
29	Structural and functional characterization of recombinant mouse annexin A11: influence of calcium binding. <i>Biochemical Journal</i> , 2003, 373, 437-449.	3.7	27
30	Biochemical and mechanical behavior of ostrich pericardium as a new biomaterial. <i>Acta Biomaterialia</i> , 2006, 2, 213-219.	8.3	27
31	Kinetics of in vivo degradation of sepiolite-collagen complexes: Effect of glutaraldehyde treatment. , 1996, 30, 77-84.		26
32	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
33	Collagen binding activity of recombinant and N-terminally modified annexin V (anchorin CII). <i>Journal of Cellular Biochemistry</i> , 1995, 58, 208-220.	2.6	22
34	Characterization of tumorigenic sub-lines from a poorly tumorigenic human colon-adenocarcinoma cell line. , 1996, 67, 668-675.		21
35	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
36	Implantation of sepiolite-collagen complexes in surgically created rat calvaria defects. <i>Biomaterials</i> , 1995, 16, 625-631.	11.4	19

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37	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
38	Establishment and characterization of a new human colon adenocarcinoma cell line: BCS-TC2. <i>Cytotechnology</i> , 1990, 3, 75-88.	1.6	18
39	Collagen Metabolism in Human Colon Adenocarcinoma. <i>Connective Tissue Research</i> , 1989, 23, 251-260.	2.3	15
40	Organisation of the chicken annexin V gene and its correlation with the tertiary structure of the protein. <i>FEBS Letters</i> , 1993, 336, 467-471.	2.8	15
41	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
42	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
43	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
44	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
45	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
46	Molecular dissection of the membrane aggregation mechanisms induced by monomeric annexin A2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 863-873.	4.1	10
47	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
48	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
49	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
50	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
51	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
52	Key role of the N-terminus of chicken annexin A5 in vesicle aggregation. <i>Protein Science</i> , 2009, 18, 1095-1106.	7.6	8
53	Subcutaneous and intramuscular implantation of sepiolite-collagen complexes. <i>Journal of Materials Science: Materials in Medicine</i> , 1992, 3, 239-244.	3.6	7
54	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

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55	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
56	Relationship between hydrophobic variability and functional properties of $\hat{I}\pm$ -lactalbumins and type c lysozymes. <i>Journal of Theoretical Biology</i> , 1987, 126, 91-100.	1.7	4
57	Fibroblastlike primary cells from human colon adenocarcinoma explants: Collagen biosynthesis. <i>In Vitro Cellular & Developmental Biology</i> , 1991, 27, 447-452.	1.0	3
58	Matrix components and behavior of human adenocarcinoma cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1994, 30, 643-647.	1.5	3
59	Coexpression of $\hat{I}\pm$ and \hat{I}^2 subunits of prolyl 4-hydroxylase stabilizes the triple helix of recombinant human type X collagen. <i>Biochemical Journal</i> , 2000, 352, 907.	3.7	3