

Leonor P Roguin

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

972
citations

516215

16
h-index

454577

30
g-index

50
all docs

50
docs citations

50
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor activity of some natural flavonoids and synthetic derivatives on various human and murine cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2966-2971.	1.4	222
2	Zinc(II) phthalocyanines as photosensitizers for antitumor photodynamic therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105575.	1.2	90
3	The granulocyte colony stimulating factor (G-CSF) activates Jak/STAT and MAPK pathways in a trophoblastic cell line. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1512-1523.	1.2	61
4	Photodynamic effects of isosteric water-soluble phthalocyanines on human nasopharynx KB carcinoma cells. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4129-4139.	2.6	46
5	Synthesis and comparative photodynamic properties of two isosteric alkyl substituted zinc(II) phthalocyanines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5532-5539.	2.6	38
6	The granulocyte colony-stimulating factor (G-CSF) upregulates metalloproteinase-2 and VEGF through PI3K/Akt and Erk1/2 activation in human trophoblast Swan 71 cells. <i>Placenta</i> , 2014, 35, 937-946.	0.7	36
7	Crosstalk between oxidative stress-induced apoptotic and autophagic signaling pathways in Zn(II) phthalocyanine photodynamic therapy of melanoma. <i>Free Radical Biology and Medicine</i> , 2020, 152, 743-754.	1.3	34
8	Nanoclusters of crystallographically aligned nanoparticles for magnetic thermotherapy: aqueous ferrofluid, agarose phantoms and <i>ex vivo</i> melanoma tumour assessment. <i>Nanoscale</i> , 2018, 10, 21262-21274.	2.8	33
9	Lysosomal and mitochondrial permeabilization mediates zinc(II) cationic phthalocyanine phototoxicity. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2553-2562.	1.2	32
10	Antiproliferative activity of various flavonoids and related compounds: additive effect of interferon- β . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 133-136.	1.0	30
11	Monoclonal Antibodies Inducing Conformational Changes on the Antigen Molecule. <i>Scandinavian Journal of Immunology</i> , 2003, 58, 387-394.	1.3	26
12	Photodynamic Effects of Zinc(II) Phthalocyanine-Loaded Polymeric Micelles in Human Nasopharynx KB Carcinoma Cells. <i>Photochemistry and Photobiology</i> , 2013, 89, 492-500.	1.3	26
13	Phototoxic action of a zinc(II) phthalocyanine encapsulated into poloxamine polymeric micelles in 2D and 3D colon carcinoma cell cultures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 140-151.	1.7	21
14	In vitro anticancer activity and SAR studies of triazolyl aminoacyl(peptidyl) penicillins. <i>MedChemComm</i> , 2014, 5, 214.	3.5	19
15	Granulocyte colony-stimulating factor (G-CSF) upregulates β 1 integrin and increases migration of human trophoblast Swan 71 cells via PI3K and MAPK activation. <i>Experimental Cell Research</i> , 2016, 342, 125-134.	1.2	17
16	Allosteric effects of monoclonal antibodies on human growth hormone. <i>Molecular and Cellular Biochemistry</i> , 1994, 136, 35-42.	1.4	16
17	Oxidative stress generated by irradiation of a zinc(II) phthalocyanine induces a dual apoptotic and necrotic response in melanoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 119-134.	2.2	16
18	2-Nitroflavone induces cell cycle arrest and apoptosis in HeLa human cervical carcinoma cells. <i>Cancer Letters</i> , 2008, 268, 146-157.	3.2	13

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19	A novel penicillin derivative induces antitumor effect in melanoma cells. <i>Anti-Cancer Drugs</i> , 2018, 29, 416-428.	0.7	13
20	Monoclonal antibodies to human growth hormone modulate its biological properties. <i>Molecular Immunology</i> , 1995, 32, 399-405.	1.0	12
21	STAT1, STAT3 and p38MAPK are involved in the apoptotic effect induced by a chimeric cyclic interferon- β peptide. <i>Experimental Cell Research</i> , 2010, 316, 603-614.	1.2	12
22	Chalcogen bearing tetrasubstituted zinc (II) phthalocyanines for CT26 colon carcinoma cells photodynamic therapy. <i>Dyes and Pigments</i> , 2022, 201, 110110.	2.0	12
23	A Penicillin Derivative Exerts an Anti-Metastatic Activity in Melanoma Cells Through the Downregulation of Integrin α 2 β 3 and Wnt/ β 2-Catenin Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 127.	1.6	11
24	Lysosomal permeabilization and endoplasmic reticulum stress mediate the apoptotic response induced after photoactivation of a lipophilic zinc(II) phthalocyanine. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 103, 89-98.	1.2	10
25	Photophysics and photobiology of novel liposomal formulations of 2,9(10), 16(17),23(24)-tetrakis[(2-dimethylamino)ethylsulfanyl]phthalocyaninatozinc(II). <i>Dyes and Pigments</i> , 2013, 96, 626-635.	2.0	9
26	Properties of human growth hormone binding sites solubilized from female rabbit kidney. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1982, 715, 222-229.	1.1	8
27	A cyclic chimeric interferon- β peptide induces apoptosis in tumor cells. <i>Cancer Biology and Therapy</i> , 2007, 6, 1787-1793.	1.5	8
28	Peritumoral administration of granulocyte colony-stimulating factor induces an apoptotic response on a murine mammary adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2009, 8, 1737-1743.	1.5	8
29	2-Nitroflavone induces apoptosis and modulates mitogen-activated protein kinase pathways in human leukaemia cells. <i>Anti-Cancer Drugs</i> , 2012, 23, 815-826.	0.7	8
30	Identification of a linear epitope of interferon-alpha2b recognized by neutralizing monoclonal antibodies. <i>FEBS Journal</i> , 1999, 265, 11-19.	0.2	7
31	Suitable experimental conditions are required to characterize interferon- β synthetic peptides. <i>FEBS Journal</i> , 2000, 267, 5711-5716.	0.2	7
32	CONFORMATIONAL AND SEQUENTIAL EPITOPES ON THE HUMAN GRANULOCYTE-COLONY STIMULATING FACTOR MOLECULE (hG-CSF) AND THEIR ROLE IN BINDING TO HUMAN PLACENTA RECEPTORS. <i>Cytokine</i> , 2001, 16, 41-50.	1.4	7
33	Relative localization of the prolactin receptor binding sites for lactogenic hormones. <i>Growth Hormone and IGF Research</i> , 2001, 11, 324-328.	0.5	6
34	Effects of Various Adjuvants and a Viral Infection on the Antibody Specificity Toward Native or Cryptic Epitopes of a Protein Antigen. <i>Scandinavian Journal of Immunology</i> , 2003, 57, 144-150.	1.3	6
35	Change in the accessibility of an epitope of the human granulocyte-colony stimulating factor after binding to receptors. <i>Cytokine</i> , 2003, 22, 5-11.	1.4	6
36	Preparation of ¹²⁵ I-Labeled Human Growth Hormone of High Quality Binding Properties Endowed with Long-Term Stability. <i>Journal of Immunoassay</i> , 1989, 10, 37-56.	0.3	5

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37	Synthesis and biological properties of chimeric interferon- β peptides. <i>Peptides</i> , 2005, 26, 1144-1149.	1.2	5
38	In Vivo Photodynamic Therapy With a Lipophilic Zinc(II) Phthalocyanine Inhibits Colorectal Cancer and Induces a Th1/CD8 Antitumor Immune Response. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 344-358.	1.1	5
39	In vitro induction of apoptosis and in vivo effects of a flavone nitroderivative in murine mammary adenocarcinoma cells. <i>International Journal of Cancer</i> , 2009, 125, 222-228.	2.3	4
40	Novel hydro- and lipo-philic selenium zinc(II) phthalocyanines: Synthesis, photophysical properties and photodynamic effects on CT26 colon carcinoma cells. <i>Dyes and Pigments</i> , 2018, 156, 133-139.	2.0	4
41	Contribution of endoplasmic reticulum stress, MAPK and PI3K/Akt pathways to the apoptotic death induced by a penicillin derivative in melanoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 34-48.	2.2	4
42	Positive cooperative effects between receptors induced by an anti-human growth hormone allosteric monoclonal antibody. <i>Life Sciences</i> , 2000, 66, 1021-1031.	2.0	3
43	A chimeric cyclic interferon- β peptide induces apoptosis by sequential activation of phosphatidylinositol 3-kinase, protein kinase C and p38 MAP kinase. <i>Experimental Cell Research</i> , 2013, 319, 1471-1481.	1.2	3
44	A solid- and solution-phase-based library of 2-methyl substituted penicillin derivatives and their effects on growth inhibition of tumor cell lines. <i>MedChemComm</i> , 2015, 6, 619-625.	3.5	3
45	Design, synthesis and cytotoxic evaluation of a library of oxadiazole-containing hybrids. <i>RSC Advances</i> , 2021, 11, 29741-29751.	1.7	3
46	Melanosomal targeting via caveolin-1 dependent endocytosis mediates Zn(II) phthalocyanine phototoxic action in melanoma cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112505.	1.7	3
47	Properties of Cryptic Epitopes and Their Corresponding Antibodies as Indicated by the Study of Human and Ovine Growth Hormones. <i>Immunological Investigations</i> , 2007, 36, 159-174.	1.0	2
48	Design, synthesis and cytotoxic evaluation of peptoid analogs of an anticancer active triazolylpeptidyl penicillin. <i>Future Medicinal Chemistry</i> , 2021, 13, 1127-1139.	1.1	1
49	Synergistic antitumor effect of a penicillin derivative combined with thapsigargin in melanoma cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 0, , .	1.2	1