Antonia E ArÃ¡nega

List of Publications by Year
in descending order

107 papers	2,192 citations	218677 26 h-index	289244 40 g-index
113 all docs	113 docs citations	113 times ranked	3317 citing authors

#	Article	IF	Citations
1	Nanomedicine: Application Areas and Development Prospects. International Journal of Molecular Sciences, 2011, 12, 3303-3321.	4.1	135
2	Antioxidant Intake and Antitumor Therapy: Toward Nutritional Recommendations for Optimal Results. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-19.	4.0	111
3	Doxorubicin-Loaded Nanoparticles: New Advances in Breast Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 1058-1070.	1.7	106
4	5-Fluorouracil derivatives: a patent review. Expert Opinion on Therapeutic Patents, 2012, 22, 107-123.	5.0	83
5	MGMT promoter methylation status and MGMT and CD133 immunohistochemical expression as prognostic markers in glioblastoma patients treated with temozolomide plus radiotherapy. Journal of Translational Medicine, 2012, 10, 250.	4.4	68
6	Relationship of body mass index and body fat distribution with postural balance and risk of falls in Spanish postmenopausal women. Menopause, 2013, 20, 202-208.	2.0	52
7	Synthesis of tetrahydrobenzoxazepine acetals with electron-withdrawing groups on the nitrogen atom. Novel scaffolds endowed with anticancer activity against breast cancer cells. Tetrahedron, 2004, 60, 11547-11557.	1.9	47
8	Human cardiac tissue induces transdifferentiation of adult stem cells towards cardiomyocytes. Cytotherapy, 2010, 12, 332-337.	0.7	47
9	The Chemotherapeutic Drug 5-Fluorouracil Promotes PKR-Mediated Apoptosis in a p53- Independent Manner in Colon and Breast Cancer Cells. PLoS ONE, 2011, 6, e23887.	2.5	47
10	New Gene Therapy Strategies for Cancer Treatment: A Review of Recent Patents. Recent Patents on Anti-Cancer Drug Discovery, 2012, 7, 297-312.	1.6	44
11	Synthesis and anticancer activity of (RS)-9-(2,3-dihydro-1,4-benzoxaheteroin-2-ylmethyl)-9H-purines. European Journal of Medicinal Chemistry, 2011, 46, 3795-3801.	5.5	41
12	Transcriptional Profiling of Peripheral Blood in Pancreatic Adenocarcinoma Patients Identifies Diagnostic Biomarkers. Digestive Diseases and Sciences, 2014, 59, 2714-2720.	2.3	41
13	Serum Cytokine Profile in Patients With Pancreatic Cancer. Pancreas, 2014, 43, 1042-1049.	1.1	41
14	Cancer stem cells and their implication in breast cancer. European Journal of Clinical Investigation, 2014, 44, 678-687.	3.4	40
15	New (RS)-benzoxazepin-purines with antitumour activity: The chiral switch from (RS)-2,6-dichloro-9-[1-(p-nitrobenzenesulfonyl)-1,2,3,5-tetrahydro-4,1-benzoxazepin-3-yl]-9H-purine. European Journal of Medicinal Chemistry, 2011, 46, 249-258.	5.5	39
16	Novel Drug Delivery System Based on Docetaxel-Loaded Nanocapsules as a Therapeutic Strategy Against Breast Cancer Cells. International Journal of Molecular Sciences, 2012, 13, 4906-4919.	4.1	39
17	Neighbouring-group participation as the key step in the reactivity of acyclic and cyclic salicyl-derived O,O-acetals with 5-fluorouracil. Antiproliferative activity, cell cycle dysregulation and apoptotic induction of new O,N-acetals against breast cancer cells. Tetrahedron, 2003, 59, 8017-8026.	1.9	38
18	Growth inhibition, G1-arrest, and apoptosis in MCF-7 human breast cancer cells by novel highly lipophilic 5-fluorouracil derivatives. Investigational New Drugs, 2004, 22, 379-389.	2.6	38

#	Article	IF	Citations
19	Purification and Long-Term Expansion of Multipotent Endothelial-Like Cells with Potential Cardiovascular Regeneration. Stem Cells and Development, 2012, 21, 562-574.	2.1	37
20	Synthesis and Anticancer Activity of (R,S)â€9â€(2,3â€Dihydroâ€1,4â€Benzoxathiinâ€3â€ylmethyl)â€9Hâ€Purines. ChemMedChem, 2008, 3, 127-135.	3.2	36
21	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. American Journal of Pathology, 2012, 181, 2079-2093.	3.8	36
22	Anticancer activity of (1,2,3,5-tetrahydro-4,1-benzoxazepine-3-yl)-pyrimidines and -purines against the MCF-7 cell line: Preliminary cDNA microarray studies. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1457-1460.	2.2	34
23	5-Fluorouracil-loaded poly(ε-caprolactone) nanoparticles combined with phage E gene therapy as a new strategy against colon cancer. International Journal of Nanomedicine, 2012, 7, 95.	6.7	34
24	Medium benzene-fused oxacycles with the 5-fluorouracil moiety: synthesis, antiproliferative activities and apoptosis induction in breast cancer cells. Tetrahedron, 2003, 59, 5457-5467.	1.9	33
25	Regiospecific microwave-assisted synthesis and cytotoxic activity against human breast cancer cells of (RS)-6-substituted-7- or 9-(2,3-dihydro-5H-1,4-benzodioxepin-3-yl)-7H- or -9H-purines. European Journal of Medicinal Chemistry, 2008, 43, 1742-1748.	5.5	28
26	Poly(butylcyanoacrylate) and Poly(Îµ-caprolactone) Nanoparticles Loaded with 5-Fluorouracil Increase the Cytotoxic Effect of the Drug in Experimental Colon Cancer. AAPS Journal, 2015, 17, 918-929.	4.4	28
27	Modulation of MDR1 and MRP3 Gene Expression in Lung Cancer Cells after Paclitaxel and Carboplatin Exposure. International Journal of Molecular Sciences, 2012, 13, 16624-16635.	4.1	27
28	The quantitative anatomy of the normal human heart in fetal and perinatal life. International Journal of Cardiology, 1987, 17, 57-72.	1.7	26
29	Synthesis and anticancer activity studies of novel 1-(2,3-dihydro-5H-1,4-benzodioxepin-3-yl)uracil and (6â€²-substituted)-7- or 9-(2,3-dihydro-5H-1,4-benzodioxepin-3-yl)-7H- or 9H-purines. Tetrahedron, 2006, 62, 11724-11733.	1.9	26
30	6â€²-Chloro-7- or 9-(2,3-dihydro-5H-4,1-benzoxathiepin-3-yl)-7H- or 9H-purines and their corresponding sulfones as a new family of cytotoxic drugs. Tetrahedron, 2007, 63, 183-190.	1.9	25
31	A synthetic uracil derivative with antitumor activity through decreasing cyclin D1 and Cdk1, and increasing p21 and p27 in MCF-7 cells. Breast Cancer Research and Treatment, 2007, 105, 237-246.	2.5	23
32	Activin/BMP2 chimeric ligands direct adipose-derived stem cells to chondrogenic differentiation. Stem Cell Research, 2013, 10, 464-476.	0.7	23
33	Gef gene therapy enhances the therapeutic efficacy of doxorubicin to combat growth of MCF-7 breast cancer cells. Cancer Chemotherapy and Pharmacology, 2010, 66, 69-78.	2.3	22
34	Chemical modifications on the acyclic moiety of 3-(2-hydroxyethoxy)-1-alkoxypropyl nucleobases. 2. Differentiation and growth inhibition in rhabdomyosarcoma cells after exposure to a novel 5-fluorouracil acyclonucleoside. Tetrahedron, 1997, 53, 7319-7334.	1.9	21
35	Novel merosesquiterpene exerts a potent antitumor activity against breast cancer cells inÂvitro and inÂvivo. European Journal of Medicinal Chemistry, 2014, 79, 1-12.	5.5	21
36	ABC transporters as differentiation markers in glioblastoma cells. Molecular Biology Reports, 2014, 41, 4847-4851.	2.3	21

#	Article	IF	Citations
37	Antitumor Properties of Natural Compounds and Related Molecules. Recent Patents on Anti-Cancer Drug Discovery, 2013, 8, 203-215.	1.6	21
38	Morphometric data concerning the great arterial trunks and their branches. International Journal of Cardiology, 1990, 29, 127-139.	1.7	19
39	Actinomycin D treatment leads to differentiation and inhibits proliferation in rhabdomyosarcoma cells. Translational Research, 1997, 130, 42-50.	2.3	19
40	HLA Class I and II Expression in Rhabdomyosarcomas. Immunobiology, 1991, 182, 440-448.	1.9	18
41	INVERSE EXPRESSION OFmdr 1 AND c-myc GENES IN A RHABDOMYOSARCOMA CELL LINE RESISTANT TO ACTINOMYCIN D. , 1996, 180, 85-89.		17
42	Prognostic Value of RT-PCR Tyrosinase Detection in Peripheral Blood of Melanoma Patients. Disease Markers, 2006, 22, 175-181.	1.3	17
43	Exosomes Derived from Breast Cancer Cells, Small Trojan Horses?. Journal of Mammary Gland Biology and Neoplasia, 2014, 19, 303-313.	2.7	16
44	Prognosis Relevance of Serum Cytokines in Pancreatic Cancer. BioMed Research International, 2015, 2015, 1-12.	1.9	16
45	Therapeutic differentiation in a human rhabdomyosarcoma cell line selected for resistance to actinomycin D. , 1998, 75, 379-383.		15
46	Synthesis of novel 1-(2,3-dihydro-5H-4,1-benzoxathiepin-3-yl)-uracil and -thymine, and their corresponding S-oxidized derivatives. Tetrahedron, 2005, 61, 10363-10369.	1.9	15
47	Exogenous Nucleosides Modulate Proliferation of Rat Intestinal Epithelial IEC-6 Cells. Journal of Nutrition, 2007, 137, 879-884.	2.9	14
48	Promotion of human adiposeâ€derived stem cell proliferation mediated by exogenous nucleosides. Cell Biology International, 2010, 34, 917-924.	3.0	14
49	Differentiation of Intestinal Epithelial Cells Mediated by Cell Confluence and/or Exogenous Nucleoside Supplementation. Cells Tissues Organs, 2010, 191, 478-488.	2.3	14
50	The selective cytotoxic activity in breast cancer cells by an anthranilic alcohol-derived acyclic 5-fluorouracil O,N-acetal is mediated by endoplasmic reticulum stress-induced apoptosis. European Journal of Medicinal Chemistry, 2012, 50, 376-382.	5.5	14
51	RNA Interference in the Treatment of Colon Cancer. BioDrugs, 2013, 27, 317-327.	4.6	14
52	Morphometric data on the arterial duct in the human fetal heart. International Journal of Cardiology, 1991, 31, 337-344.	1.7	13
53	Circulating Î±-Actin in Angina Pectoris. Journal of Molecular and Cellular Cardiology, 1993, 25, 15-22.	1.9	13
54	Circulating Î±-actin protein in acute myocardial infarction. International Journal of Cardiology, 1993, 38, 49-55.	1.7	13

#	Article	IF	Citations
55	Regression of established subcutaneous B16â€F10 murine melanoma tumors after gef gene therapy associated with the mitochondrial apoptotic pathway. Experimental Dermatology, 2010, 19, 363-371.	2.9	13
56	Anticancer activity and cDNA microarray studies of a (RS)-1,2,3,5-tetrahydro-4,1-benzoxazepine-3-yl]-6-chloro-9H-purine, and an acyclic (RS)-O,N-acetalic 6-chloro-7H-purine. European Journal of Medicinal Chemistry, 2011, 46, 3802-3809.	5.5	13
57	Transdifferentiation: why and how?. Cell Biology International, 2011, 35, 373-379.	3.0	13
58	Development and morphogenesis of human wrist joint during embryonic and early fetal period. Journal of Anatomy, 2012, 220, 580-590.	1.5	13
59	New Medium Oxacyclic O,N-Acetals and Related Open Analogues: Biological Activities. Current Medicinal Chemistry, 2005, 12, 1423-1438.	2.4	12
60	Meroxest improves the prognosis of immunocompetent C57BL/6 mice with allografts of E0771 mouse breast tumor cells. Archives of Medical Science, 2016, 5, 919-927.	0.9	12
61	Actual Targets in Cytodifferentiation Cancer Therapy. Current Topics in Medicinal Chemistry, 2004, 4, 175-202.	2.1	12
62	Reverse transcriptase-polymerase chain reaction detection of circulating tumor cells in patients with melanoma: Correlation with clinical stage, tumor thickness and histological type. Pathology International, 2002, 52, 294-299.	1.3	11
63	Transfection of MS-36 melanoma cells with gef gene inhibits proliferation and induces modulation of the cell cycle. Cancer Science, 2003, 94, 564-568.	3.9	11
64	Clinical Significance of Antiheart Antibodies after Myocardial Infarction.. International Heart Journal, 1997, 38, 779-786.	0.6	11
65	Application of Nanotechnology in the Treatment and Diagnosis of Gastrointestinal Cancers: Review of Recent Patents. Recent Patents on Anti-Cancer Drug Discovery, 2013, 9, 21-34.	1.6	11
66	Modulation of Myogenic Differentiation in a Human Rhabdomyosarcoma Cell Line by a New Derivative of 5-Fluorouracil (QF-3602). Japanese Journal of Cancer Research, 2000, 91, 934-940.	1.7	10
67	5-Fluorouracil Derivatives Induce Differentiation Mediated by Tubulin and HLA Class I Modulation. Medicinal Chemistry, 2007, 3, 233-239.	1.5	10
68	Multidrug resistance and rhabdomyosarcoma (Review). Oncology Reports, 2011, 26, 755-61.	2.6	10
69	Modulation of multidrug resistance gene expression in peripheral blood mononuclear cells of lung cancer patients and evaluation of their clinical significance. Cancer Chemotherapy and Pharmacology, 2013, 71, 537-541.	2.3	10
70	Synthesis and evaluation of new 5-fluorouracil antitumor cell differentiating derivatives. Bioorganic and Medicinal Chemistry, 2003, 11, 315-323.	3.0	9
71	The M3/M4 cytoplasmic loop of the Î±1 subunit restricts GABA_ARs lateral mobility: A study using fluorescence recovery after photobleaching. Cytoskeleton, 2006, 63, 747-757.	4.4	9
72	The cytotoxic activity of the phage E protein suppress the growth of murine B16 melanomas in vitro and in vivo. Journal of Molecular Medicine, 2009, 87, 899-911.	3.9	9

#	Article	IF	Citations
73	Ultrastructural and molecular analyzes of insulin-producing cells induced from human hepatoma cells. Cytotherapy, 2011, 13, 193-200.	0.7	9
74	Development of Chick Cardiomyocytes: Modulation of Intermediate Filaments by Basic Fibroblast and Platelet-Derived Growth Factors. Cells Tissues Organs, 2000, 167, 163-170.	2.3	8
75	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. International Journal of Oncology, 0, , .	3.3	8
76	Synthesis and Anticancer Activity of the (R,S)â€Benzofused 1,5â€Oxathiepine Moiety Tethered to Purines through Alkylidenoxy Linkers. ChemMedChem, 2011, 6, 1854-1859.	3.2	8
77	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. International Journal of Oncology, 2008, 33, 121-7.	3.3	8
78	Modulation of Contractile Protein Troponin-T in Chick Myocardial Cells by Basic Fibroblast Growth Factor and Platelet-Derived Growth Factor During Development. Journal of Cardiovascular Pharmacology, 1994, 24, 906-913.	1.9	7
79	E phage gene transfection enhances sensitivity of lung and colon cancer cells to chemotherapeutic agents. International Journal of Oncology, 2010, 37, 1503-14.	3.3	7
80	Gef gene therapy enhances the therapeutic efficacy of cytotoxics in colon cancer cells. Biomedicine and Pharmacotherapy, 2012, 66, 563-567.	5.6	7
81	A Novel Double-Enhanced Suicide Gene Therapy in a Colon Cancer Cell Line Mediated by Gef and Apoptin. BioDrugs, 2014, 28, 63-74.	4.6	7
82	Expression of Î±-tropomyosin during cardiac development in the chick embryo. The Anatomical Record, 1992, 234, 301-309.	1.8	6
83	Influence of preinfarction angina on the release kinetics of endothelial progenitor cells and cytokines during the week after infarction. European Journal of Clinical Investigation, 2011, 41, 1220-1226.	3.4	6
84	E phage gene transfection associated to chemotherapeutic agents increases apoptosis in lung and colon cancer cells. Bioengineered Bugs, 2011, 2, 163-167.	1.7	6
85	gef Gene Expression in MCF-7 Breast Cancer Cells is Associated with a Better Prognosis and Induction of Apoptosis by p53-Mediated Signaling Pathway. International Journal of Molecular Sciences, 2011, 12, 7445-7458.	4.1	6
86	Effects of fibric acid derivatives on accumulation of actin in myocardiocytes. International Journal of Cardiology, 1991, 33, 47-54.	1.7	5
87	Detection of Creatine Kinase Isoenzymes as Tumoral Markers of Rhabdomyosarcoma. Enzyme, 1992, 46, 245-248.	0.7	5
88	Coronary Disease Extension Determines Mobilization of Endothelial Progenitor Cells and Cytokines After a First Myocardial Infarction With ST Elevation. Revista Espanola De Cardiologia (English Ed), 2011, 64, 1123-1129.	0.6	5
89	Influence of fibric acid derivatives on intermediate filament proteins in myocardiocyte cultures. Life Sciences, 1991, 48, 1091-1099.	4.3	4
90	Circulating Î±-actin in non-insulin-dependent diabetics with autonomic dysfunction. International Journal of Cardiology, 1995, 51, 127-130.	1.7	4

#	Article	IF	Citations
91	Characterization of a New Human Embryonal Rhabdomyosarcoma Cell Line, RMS-GR. Japanese Journal of Cancer Research, 1998, 89, 525-532.	1.7	4
92	Antiproliferative Activity, Cellâ€Cycle Dysregulation, and Cellular Differentiation: Salicylâ€•and Catecholâ€Derived Acyclic 5â€Fluorouracil O,Nâ€Acetals against Breast Cancer Cells. ChemMedChem, 2007, 2, 1814-1821.	3.2	4
93	Acyclonucleosides, Modified Seco-Nucleosides, and Salicyl- or Catechol- Derived Acyclic 5-Fluorouracil O,N-Acetals: Antiproliferative Activities, Cellular Differentiation and Apoptosis. Current Medicinal Chemistry, 2009, 16, 1166-1183.	2.4	4
94	Four accessory (supernumerary) intrathoracic ribs: a case report. Surgical and Radiologic Anatomy, 2013, 35, 627-629.	1.2	3
95	Resident and Non-Resident Stem Cells in Acute Myocardial Infarction. Cardiovascular & Hematological Disorders Drug Targets, 2010, 10, 202-215.	0.7	3
96	Patented Biomarkers of Peripheral Blood for the Early Detection of Cancer. Recent Patents on Biomarkers, 2012, 2, 17-28.	0.2	2
97	Drug resistance induced by paclitaxel and carboplatin plasmatic concentrations in lung cancer cell lines.. Journal of Clinical Oncology, 2012, 30, 97-97.	1.6	2
98	Multidrug Resistance Phenotype in the RMS-GR Human Rhabdomyosarcoma Cell Line Obtained after Polychemotherapy. Japanese Journal of Cancer Research, 1999, 90, 788-793.	1.7	1
99	Role of Cancer Stem Cells of Breast, Colon, and Melanoma Tumors in the Response to Antitumor Therapy. , 2012, , 157-171.		1
100	Morphometric study of the oval fossa in fetal and neonatal hearts. Cardiology in the Young, 1995, 5, 257-261.	0.8	0
101	A morphometric study of the human fetal heart with perimembranous ventricular septal defects. Cardiology in the Young, 1995, 5, 63-69.	0.8	0
102	Morphometric study of the great arterial trunks and their branches in the human fetal heart with perimembranous ventricular septal defects. Cardiology in the Young, 1997, 7, 50-55.	0.8	0
103	Cell Surface Immobilization of GABA_ARs in Cerebellar Granule Cells Depends on the M3/M4 Cytoplasmatic Loop of the Alpha 1 Subunit. Cells Tissues Organs, 2009, 189, 420-424.	2.3	0
104	Development of Patents and Clinical Trials on Regenerative Therapy: Gene Therapy. Recent Patents on Regenerative Medicine, 2011, 1, 182-194.	0.4	0
105	Regenerative Therapies in Cartilage and Bone: Current Patents, Technologies, and Emerging Applications. Recent Patents on Regenerative Medicine, 2011, 1, 134-141.	0.4	0
106	Treatment of Heart Disease: Use of Transdifferentiation Methodology for Reprogramming Adult Stem Cells. , 2012, , 169-183.		0
107	Cancer Stem-Cells Patents in the Context of their Therapeutic Purposes: Exploring the Latest Trends (2011-2015). Recent Patents on Regenerative Medicine, 2015, 5, 55-64.	0.4	0