

# Antonia E ArÃ¡nega

## List of Publications by Year in descending order

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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	Merxest improves the prognosis of immunocompetent C57BL/6 mice with allografts of E0771 mouse breast tumor cells. <i>Archives of Medical Science</i> , 2016, 5, 919-927.	0.9	12
2	Antioxidant Intake and Antitumor Therapy: Toward Nutritional Recommendations for Optimal Results. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-19.	4.0	111
3	Prognosis Relevance of Serum Cytokines in Pancreatic Cancer. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	16
4	Poly(butylcyanoacrylate) and Poly( $\epsilon$ -caprolactone) Nanoparticles Loaded with 5-Fluorouracil Increase the Cytotoxic Effect of the Drug in Experimental Colon Cancer. <i>AAPS Journal</i> , 2015, 17, 918-929.	4.4	28
5	Cancer Stem-Cells Patents in the Context of their Therapeutic Purposes: Exploring the Latest Trends (2011-2015). <i>Recent Patents on Regenerative Medicine</i> , 2015, 5, 55-64.	0.4	0
6	Exosomes Derived from Breast Cancer Cells, Small Trojan Horses?. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2014, 19, 303-313.	2.7	16
7	Transcriptional Profiling of Peripheral Blood in Pancreatic Adenocarcinoma Patients Identifies Diagnostic Biomarkers. <i>Digestive Diseases and Sciences</i> , 2014, 59, 2714-2720.	2.3	41
8	Serum Cytokine Profile in Patients With Pancreatic Cancer. <i>Pancreas</i> , 2014, 43, 1042-1049.	1.1	41
9	A Novel Double-Enhanced Suicide Gene Therapy in a Colon Cancer Cell Line Mediated by Gef and Apoptin. <i>BioDrugs</i> , 2014, 28, 63-74.	4.6	7
10	Novel merosessquiterpene exerts a potent antitumor activity against breast cancer cells in <i>in vitro</i> and <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 1-12.	5.5	21
11	ABC transporters as differentiation markers in glioblastoma cells. <i>Molecular Biology Reports</i> , 2014, 41, 4847-4851.	2.3	21
12	Cancer stem cells and their implication in breast cancer. <i>European Journal of Clinical Investigation</i> , 2014, 44, 678-687.	3.4	40
13	Four accessory (supernumerary) intrathoracic ribs: a case report. <i>Surgical and Radiologic Anatomy</i> , 2013, 35, 627-629.	1.2	3
14	Modulation of multidrug resistance gene expression in peripheral blood mononuclear cells of lung cancer patients and evaluation of their clinical significance. <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 537-541.	2.3	10
15	RNA Interference in the Treatment of Colon Cancer. <i>BioDrugs</i> , 2013, 27, 317-327.	4.6	14
16	Activin/BMP2 chimeric ligands direct adipose-derived stem cells to chondrogenic differentiation. <i>Stem Cell Research</i> , 2013, 10, 464-476.	0.7	23
17	Relationship of body mass index and body fat distribution with postural balance and risk of falls in Spanish postmenopausal women. <i>Menopause</i> , 2013, 20, 202-208.	2.0	52
18	Antitumor Properties of Natural Compounds and Related Molecules. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013, 8, 203-215.	1.6	21

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19	Application of Nanotechnology in the Treatment and Diagnosis of Gastrointestinal Cancers: Review of Recent Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013, 9, 21-34.	1.6	11
20	Novel Drug Delivery System Based on Docetaxel-Loaded Nanocapsules as a Therapeutic Strategy Against Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4906-4919.	4.1	39
21	Modulation of MDR1 and MRP3 Gene Expression in Lung Cancer Cells after Paclitaxel and Carboplatin Exposure. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16624-16635.	4.1	27
22	Doxorubicin-Loaded Nanoparticles: New Advances in Breast Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 1058-1070.	1.7	106
23	New Gene Therapy Strategies for Cancer Treatment: A Review of Recent Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 7, 297-312.	1.6	44
24	Development and morphogenesis of human wrist joint during embryonic and early fetal period. <i>Journal of Anatomy</i> , 2012, 220, 580-590.	1.5	13
25	MGMT promoter methylation status and MGMT and CD133 immunohistochemical expression as prognostic markers in glioblastoma patients treated with temozolomide plus radiotherapy. <i>Journal of Translational Medicine</i> , 2012, 10, 250.	4.4	68
26	Gef gene therapy enhances the therapeutic efficacy of cytotoxics in colon cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 563-567.	5.6	7
27	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. <i>American Journal of Pathology</i> , 2012, 181, 2079-2093.	3.8	36
28	Purification and Long-Term Expansion of Multipotent Endothelial-Like Cells with Potential Cardiovascular Regeneration. <i>Stem Cells and Development</i> , 2012, 21, 562-574.	2.1	37
29	Patented Biomarkers of Peripheral Blood for the Early Detection of Cancer. <i>Recent Patents on Biomarkers</i> , 2012, 2, 17-28.	0.2	2
30	5-Fluorouracil-loaded poly( $\epsilon$ -caprolactone) nanoparticles combined with phage E gene therapy as a new strategy against colon cancer. <i>International Journal of Nanomedicine</i> , 2012, 7, 95.	6.7	34
31	5-Fluorouracil derivatives: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 107-123.	5.0	83
32	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. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 376-382.	5.5	14
33	Drug resistance induced by paclitaxel and carboplatin plasmatic concentrations in lung cancer cell lines. <i>Journal of Clinical Oncology</i> , 2012, 30, 97-97.	1.6	2
34	Treatment of Heart Disease: Use of Transdifferentiation Methodology for Reprogramming Adult Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2012, 106, 169-183.		0
35	Role of Cancer Stem Cells of Breast, Colon, and Melanoma Tumors in the Response to Antitumor Therapy. <i>Journal of Cellular Biochemistry</i> , 2012, 106, 157-171.		1
36	Ultrastructural and molecular analyzes of insulin-producing cells induced from human hepatoma cells. <i>Cytotherapy</i> , 2011, 13, 193-200.	0.7	9

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37	Nanomedicine: Application Areas and Development Prospects. International Journal of Molecular Sciences, 2011, 12, 3303-3321.	4.1	135
38	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
39	Multidrug resistance and rhabdomyosarcoma (Review). Oncology Reports, 2011, 26, 755-61.	2.6	10
40	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
41	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
42	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
43	Transdifferentiation: why and how?. Cell Biology International, 2011, 35, 373-379.	3.0	13
44	Synthesis and Anticancer Activity of the Benzofused 1,5-Oxathiepine Moiety Tethered to Purines through Alkylidenoxy Linkers. ChemMedChem, 2011, 6, 1854-1859.	3.2	8
45	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
46	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
47	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
48	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
49	Development of Patents and Clinical Trials on Regenerative Therapy: Gene Therapy. Recent Patents on Regenerative Medicine, 2011, 1, 182-194.	0.4	0
50	Regenerative Therapies in Cartilage and Bone: Current Patents, Technologies, and Emerging Applications. Recent Patents on Regenerative Medicine, 2011, 1, 134-141.	0.4	0
51	Promotion of human adipose-derived stem cell proliferation mediated by exogenous nucleosides. Cell Biology International, 2010, 34, 917-924.	3.0	14
52	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
53	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
54	Regression of established subcutaneous B16-F10 murine melanoma tumors after gef gene therapy associated with the mitochondrial apoptotic pathway. Experimental Dermatology, 2010, 19, 363-371.	2.9	13

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55	Differentiation of Intestinal Epithelial Cells Mediated by Cell Confluence and/or Exogenous Nucleoside Supplementation. <i>Cells Tissues Organs</i> , 2010, 191, 478-488.	2.3	14
56	Human cardiac tissue induces transdifferentiation of adult stem cells towards cardiomyocytes. <i>Cytotherapy</i> , 2010, 12, 332-337.	0.7	47
57	Resident and Non-Resident Stem Cells in Acute Myocardial Infarction. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2010, 10, 202-215.	0.7	3
58	Cell Surface Immobilization of GABA <sub>A</sub> Rs in Cerebellar Granule Cells Depends on the M3/M4 Cytoplasmic Loop of the Alpha 1 Subunit. <i>Cells Tissues Organs</i> , 2009, 189, 420-424.	2.3	0
59	Acyclonucleosides, Modified Seco-Nucleosides, and Salicyl- or Catechol- Derived Acyclic 5-Fluorouracil O,N-Acetals: Antiproliferative Activities, Cellular Differentiation and Apoptosis. <i>Current Medicinal Chemistry</i> , 2009, 16, 1166-1183.	2.4	4
60	The cytotoxic activity of the phage E protein suppress the growth of murine B16 melanomas in vitro and in vivo. <i>Journal of Molecular Medicine</i> , 2009, 87, 899-911.	3.9	9
61	Synthesis and Anticancer Activity of (2,3-dihydro-1,4-benzoxathin-3-ylmethyl)-purines. <i>ChemMedChem</i> , 2008, 3, 127-135.		36
62	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. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1742-1748.	5.5	28
63	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1457-1460.	2.2	34
64	Combined therapy using suicide gef gene and paclitaxel enhances growth inhibition of multicellular tumour spheroids of A-549 human lung cancer cells. <i>International Journal of Oncology</i> , 2008, 33, 121-7.	3.3	8
65	5-Fluorouracil Derivatives Induce Differentiation Mediated by Tubulin and HLA Class I Modulation. <i>Medicinal Chemistry</i> , 2007, 3, 233-239.	1.5	10
66	Exogenous Nucleosides Modulate Proliferation of Rat Intestinal Epithelial IEC-6 Cells. <i>Journal of Nutrition</i> , 2007, 137, 879-884.	2.9	14
67	Antiproliferative Activity, Cell Cycle Dysregulation, and Cellular Differentiation: Salicyl- and Catechol-Derived Acyclic 5-Fluorouracil O,N-Acetals against Breast Cancer Cells. <i>ChemMedChem</i> , 2007, 2, 1814-1821.	3.2	4
68	6-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. <i>Tetrahedron</i> , 2007, 63, 183-190.	1.9	25
69	A synthetic uracil derivative with antitumor activity through decreasing cyclin D1 and Cdk1, and increasing p21 and p27 in MCF-7 cells. <i>Breast Cancer Research and Treatment</i> , 2007, 105, 237-246.	2.5	23
70	Prognostic Value of RT-PCR Tyrosinase Detection in Peripheral Blood of Melanoma Patients. <i>Disease Markers</i> , 2006, 22, 175-181.	1.3	17
71	Synthesis and anticancer activity studies of novel 1-(2,3-dihydro-5H-1,4-benzodioxepin-3-yl)uracil and (6-substituted)-7- or 9-(2,3-dihydro-5H-1,4-benzodioxepin-3-yl)-7H- or 9H-purines. <i>Tetrahedron</i> , 2006, 62, 11724-11733.	1.9	26
72	The M3/M4 cytoplasmic loop of the $\alpha 1$ subunit restricts GABA <sub>A</sub> Rs lateral mobility: A study using fluorescence recovery after photobleaching. <i>Cytoskeleton</i> , 2006, 63, 747-757.	4.4	9

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73	Synthesis of novel 1-(2,3-dihydro-5H-4,1-benzoxathiepin-3-yl)-uracil and -thymine, and their corresponding S-oxidized derivatives. <i>Tetrahedron</i> , 2005, 61, 10363-10369.	1.9	15
74	New Medium Oxacyclic O,N-Acetals and Related Open Analogues: Biological Activities. <i>Current Medicinal Chemistry</i> , 2005, 12, 1423-1438.	2.4	12
75	Growth inhibition, G1-arrest, and apoptosis in MCF-7 human breast cancer cells by novel highly lipophilic 5-fluorouracil derivatives. <i>Investigational New Drugs</i> , 2004, 22, 379-389.	2.6	38
76	Synthesis of tetrahydrobenzoxazepine acetals with electron-withdrawing groups on the nitrogen atom. Novel scaffolds endowed with anticancer activity against breast cancer cells. <i>Tetrahedron</i> , 2004, 60, 11547-11557.	1.9	47
77	Actual Targets in Cytodifferentiation Cancer Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2004, 4, 175-202.	2.1	12
78	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. <i>Tetrahedron</i> , 2003, 59, 8017-8026.	1.9	38
79	Medium benzene-fused oxacycles with the 5-fluorouracil moiety: synthesis, antiproliferative activities and apoptosis induction in breast cancer cells. <i>Tetrahedron</i> , 2003, 59, 5457-5467.	1.9	33
80	Synthesis and evaluation of new 5-fluorouracil antitumor cell differentiating derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 315-323.	3.0	9
81	Transfection of MS-36 melanoma cells with gef gene inhibits proliferation and induces modulation of the cell cycle. <i>Cancer Science</i> , 2003, 94, 564-568.	3.9	11
82	Reverse transcriptase-polymerase chain reaction detection of circulating tumor cells in patients with melanoma: Correlation with clinical stage, tumor thickness and histological type. <i>Pathology International</i> , 2002, 52, 294-299.	1.3	11
83	Modulation of Myogenic Differentiation in a Human Rhabdomyosarcoma Cell Line by a New Derivative of 5-Fluorouracil (QF-3602). <i>Japanese Journal of Cancer Research</i> , 2000, 91, 934-940.	1.7	10
84	Development of Chick Cardiomyocytes: Modulation of Intermediate Filaments by Basic Fibroblast and Platelet-Derived Growth Factors. <i>Cells Tissues Organs</i> , 2000, 167, 163-170.	2.3	8
85	Multidrug Resistance Phenotype in the RMS-GR Human Rhabdomyosarcoma Cell Line Obtained after Polychemotherapy. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 788-793.	1.7	1
86	Characterization of a New Human Embryonal Rhabdomyosarcoma Cell Line, RMS-GR. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 525-532.	1.7	4
87	Therapeutic differentiation in a human rhabdomyosarcoma cell line selected for resistance to actinomycin D. , 1998, 75, 379-383.		15
88	Morphometric study of the great arterial trunks and their branches in the human fetal heart with perimembranous ventricular septal defects. <i>Cardiology in the Young</i> , 1997, 7, 50-55.	0.8	0
89	Actinomycin D treatment leads to differentiation and inhibits proliferation in rhabdomyosarcoma cells. <i>Translational Research</i> , 1997, 130, 42-50.	2.3	19
90	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. <i>Tetrahedron</i> , 1997, 53, 7319-7334.	1.9	21

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91	Clinical Significance of Antiheart Antibodies after Myocardial Infarction.. International Heart Journal, 1997, 38, 779-786.	0.6	11
92	INVERSE EXPRESSION OFmdr 1 AND c-myc GENES IN A RHABDOMYOSARCOMA CELL LINE RESISTANT TO ACTINOMYCIN D. , 1996, 180, 85-89.		17
93	Morphometric study of the oval fossa in fetal and neonatal hearts. Cardiology in the Young, 1995, 5, 257-261.	0.8	0
94	A morphometric study of the human fetal heart with perimembranous ventricular septal defects. Cardiology in the Young, 1995, 5, 63-69.	0.8	0
95	Circulating $\hat{\pm}$ -actin in non-insulin-dependent diabetics with autonomic dysfunction. International Journal of Cardiology, 1995, 51, 127-130.	1.7	4
96	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
97	Circulating $\hat{\pm}$ -Actin in Angina Pectoris. Journal of Molecular and Cellular Cardiology, 1993, 25, 15-22.	1.9	13
98	Circulating $\hat{\pm}$ -actin protein in acute myocardial infarction. International Journal of Cardiology, 1993, 38, 49-55.	1.7	13
99	Detection of Creatine Kinase Isoenzymes as Tumoral Markers of Rhabdomyosarcoma. Enzyme, 1992, 46, 245-248.	0.7	5
100	Expression of $\hat{\pm}$ -tropomyosin during cardiac development in the chick embryo. The Anatomical Record, 1992, 234, 301-309.	1.8	6
101	Influence of fibric acid derivatives on intermediate filament proteins in myocardiocyte cultures. Life Sciences, 1991, 48, 1091-1099.	4.3	4
102	HLA Class I and II Expression in Rhabdomyosarcomas. Immunobiology, 1991, 182, 440-448.	1.9	18
103	Effects of fibric acid derivatives on accumulation of actin in myocardiocytes. International Journal of Cardiology, 1991, 33, 47-54.	1.7	5
104	Morphometric data on the arterial duct in the human fetal heart. International Journal of Cardiology, 1991, 31, 337-344.	1.7	13
105	Morphometric data concerning the great arterial trunks and their branches. International Journal of Cardiology, 1990, 29, 127-139.	1.7	19
106	The quantitative anatomy of the normal human heart in fetal and perinatal life. International Journal of Cardiology, 1987, 17, 57-72.	1.7	26
107	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