

# MarÃ-a JesÃºs RamÃ-rez-ExpÃ³sito

## List of Publications by Year in descending order

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87  
papers

1,145  
citations

471509

17  
h-index

477307

29  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma oxidative stress parameters in men and women with early stage Alzheimer type dementia. <i>Experimental Gerontology</i> , 2012, 47, 625-630.	2.8	121
2	Synthesis and spectroscopic studies on the new Schiff base derived from the 1:2 condensation of 2,6-diformyl-4-methylphenol with 5-aminouracil (BDF5AU) and its transition metal complexes. <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 326-334.	3.5	73
3	Protective role of oleuropein and its metabolite hydroxytyrosol on cancer. <i>Trends in Food Science and Technology</i> , 2013, 31, 92-99.	15.1	61
4	Chloro-fac-tricarbonylrhenium(I) complexes of asymmetric azines derived from 6-acetyl-1,3,7-trimethylpteridine-2,4(1H,3H)-dione with hydrazine and aromatic aldehydes: Preparation, structural characterization and biological activity against several human tumor cell lines. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 94-100.	3.5	49
5	Metal complexes with the ligand derived from 6-acetyl-1,3,7-trimethylumazine and benzohydrazide. Molecular structures of two new Co(II) and Rh(III) complexes and analysis of in vitro antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1677-1683.	3.5	46
6	Synthesis, characterization and antiproliferative activity of metal complexes with the Schiff base derived from the condensation 1:2 of 2,6-diformyl-4-methylphenol and 5,6-diamino-1,3-dimethyluracil. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 647-655.	3.5	44
7	The Delicate Equilibrium between Oxidants and Antioxidants in Brain Glioma. <i>Current Neuropharmacology</i> , 2019, 17, 342-351.	2.9	43
8	Synthesis, characterization and antiproliferative behavior of tricarbonyl complexes of rhenium(I) with some 6-amino-5-nitrosouracil derivatives: Crystal structure of fac-[ReCl(CO) <sub>3</sub> (DANU-N5,O4)] (DANU=6-amino-1,3-dimethyl-5-nitrosouracil). <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1637-1645.	3.5	40
9	Phenolic compounds oleuropein and hydroxytyrosol exert differential effects on glioma development via antioxidant defense systems. <i>Journal of Functional Foods</i> , 2014, 11, 221-234.	3.4	35
10	Diet-induced hypercholesterolemia impaired testicular steroidogenesis in mice through the renin-angiotensin system. <i>General and Comparative Endocrinology</i> , 2011, 173, 15-19.	1.8	24
11	Renin angiotensin system-regulating aminopeptidase activities in serum of pre- and postmenopausal women with breast cancer. <i>Breast</i> , 2011, 20, 444-447.	2.2	23
12	A potential antitumor agent, (6-amino-1-methyl-5-nitrosouracilato-N3)-triphenylphosphine-gold(I): Structural studies and in vivo biological effects against experimental glioma. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 260-272.	5.5	23
13	Circulating oxidative stress parameters in pre- and post-menopausal healthy women and in women suffering from breast cancer treated or not with neoadjuvant chemotherapy. <i>Experimental Gerontology</i> , 2014, 58, 34-42.	2.8	23
14	Anti-Inflammatory and Antitumor Effects of Hydroxytyrosol but Not Oleuropein on Experimental Glioma In Vivo. A Putative Role for the Renin-Angiotensin System. <i>Biomedicines</i> , 2018, 6, 11.	3.2	21
15	Plasma renin-angiotensin system-regulating aminopeptidase activities are modified in early stage Alzheimer's disease and show gender differences but are not related to apolipoprotein E genotype. <i>Experimental Gerontology</i> , 2013, 48, 557-564.	2.8	20
16	Intraoperative sentinel node biopsy by one-step nucleic acid amplification (OSNA) avoids axillary lymphadenectomy in women with breast cancer treated with neoadjuvant chemotherapy. <i>European Journal of Surgical Oncology</i> , 2013, 39, 873-879.	1.0	20
17	Antiproliferative effects of palladium(II) complexes of 5-nitrosopyrimidines and interactions with the proteolytic regulatory enzymes of the renin-angiotensin system in tumoral brain cells. <i>Journal of Inorganic Biochemistry</i> , 2013, 126, 118-127.	3.5	18
18	Insulin-regulated aminopeptidase/placental leucil Aminopeptidase (IRAP/P-IAP) and angiotensin IV-forming activities are modified in serum of rats with breast cancer induced by N-methyl-nitrosourea. <i>Anticancer Research</i> , 2006, 26, 1011-4.	1.1	18

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19	Hormonal status modifies renin-angiotensin system-regulating aminopeptidases and vasopressin-degrading activity in the hypothalamus-pituitary-adrenal axis of male mice. <i>Life Sciences</i> , 2003, 73, 525-538.	4.3	17
20	Hypertension, RAS, and gender: what is the role of aminopeptidases?. <i>Heart Failure Reviews</i> , 2008, 13, 355-365.	3.9	17
21	Neoadjuvant chemotherapy modifies serum angiotensinase activities in women with breast cancer. <i>Maturitas</i> , 2012, 72, 79-83.	2.4	16
22	Catecholamine and Indolamine Pathway: A Case-Control Study in Fibromyalgia. <i>Biological Research for Nursing</i> , 2018, 20, 577-586.	1.9	16
23	Utility of the 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide (MTT) assay to measure mitochondrial activity in K <sup>+</sup> - and ATP-stimulated rodent cortex synaptosomes. <i>Neuroscience Research Communications</i> , 2000, 27, 103-107.	0.2	15
24	Renin-angiotensin system-regulating aminopeptidases in tumor growth of rat C6 gliomas implanted at the subcutaneous region. <i>Anticancer Research</i> , 2012, 32, 3675-82.	1.1	15
25	Serum oxytocinase activity is related to tumor growth parameters in N-methyl nitrosourea induced rat breast cancer. <i>Life Sciences</i> , 2004, 75, 1369-1377.	4.3	13
26	Renin-Angiotensin System-Regulating Aminopeptidase Activities Are Modified in the Pineal Gland of Rats with Breast Cancer Induced by N-Methyl-Nitrosourea. <i>Cancer Investigation</i> , 2006, 24, 149-153.	1.3	13
27	Hypothalamus-pituitary-thyroid axis disruption in rats with breast cancer is related to an altered endogenous oxytocin/insulin-regulated aminopeptidase (IRAP) system. <i>Tumor Biology</i> , 2011, 32, 543-549.	1.8	12
28	Structural and theoretical studies on rhodium and iridium complexes with 5-nitrosopyrimidines. Effects on the proteolytic regulatory enzymes of the renin-angiotensin system in human tumoral brain cells. <i>Journal of Inorganic Biochemistry</i> , 2015, 143, 20-33.	3.5	12
29	Ethanol modifies differently aspartyl- and glutamyl-aminopeptidase activities in mouse frontal cortex synaptosomes. <i>Brain Research Bulletin</i> , 2002, 57, 195-203.	3.0	11
30	Effects on estrogen-dependent and triple negative breast cancer cells growth of Ni(II), Zn(II) and Cd(II) complexes with the Schiff base derived from pyridine-2-carboxaldehyde and 5,6-diamino-1,3-dimethyluracil explored through the renin-angiotensin system (RAS)-regulating aminopeptidases. <i>Journal of Inorganic Biochemistry</i> , 2018, 185, 52-62.	3.5	11
31	Angiotensinase activity in mice fed an olive oil-supplemented diet. <i>Peptides</i> , 2001, 22, 945-952.	2.4	10
32	Serum Pyrrolidone Carboxypeptidase Activity in N-methyl Nitrosourea Induced Rat Breast Cancer. <i>Hormone and Metabolic Research</i> , 2003, 35, 502-505.	1.5	10
33	Pyrrolidon Carboxypeptidase Activities in the Hypothalamus-pituitary-thyroid and Hypothalamus-pituitary-ovary Axes of Rats with Mammary Gland Cancer Induced by N-methyl Nitrosourea. <i>Hormone and Metabolic Research</i> , 2005, 37, 74-78.	1.5	10
34	In vivo administration of doxazosin in rats highly decreases serum circulating levels of testosterone through a mechanism involving the testicular renin-angiotensin system. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 364-370.	3.6	10
35	Oleate, linoleate and cholesterol differently modify aspartyl- and glutamyl-aminopeptidase activities in primary cultures of rat astrocytes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 128, 113-118.	2.6	9
36	Mammary renin-angiotensin system-regulating aminopeptidase activities are modified in rats with breast cancer. <i>Tumor Biology</i> , 2010, 31, 583-588.	1.8	9

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37	Silver(I)/6-hydroxyiminolumazine compounds differently modify renin-angiotensin system-regulating aminopeptidases A and N in human neuroblastoma and glioma cells. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 56-63.	3.5	9
38	Redox status in the sentinel lymph node of women with breast cancer. <i>Upsala Journal of Medical Sciences</i> , 2017, 122, 207-216.	0.9	9
39	Circulating Aminopeptidase Activities in Men and Women with Essential Hypertension. <i>Current Medicinal Chemistry</i> , 2013, 20, 4935-4945.	2.4	9
40	Gender Differences in the Antioxidant Response to Oxidative Stress in Experimental Brain Tumors. <i>Current Cancer Drug Targets</i> , 2019, 19, 641-654.	1.6	9
41	Calcium-dependent modulation by ethanol of mouse synaptosomal pyroglutamyl aminopeptidase activity under basal and K <sup>+</sup> -stimulated conditions. <i>Neuroscience Letters</i> , 2000, 293, 199-202.	2.1	8
42	EFFECTS OF DIETARY SUPPLEMENTATION WITH FISH OIL, LARD, OR COCONUT OIL ON OXYTOCINASE ACTIVITY IN THE TESTIS OF MICE. <i>Archives of Andrology</i> , 2002, 48, 233-236.	1.0	8
43	Specific enkephalin-degrading aminopeptidase activity in the HPT and HPO axes of rats with breast cancer induced by N-methyl nitrosourea. <i>Regulatory Peptides</i> , 2005, 124, 157-161.	1.9	8
44	Alpha-1-Adrenergic Receptor Blockade Modifies Insulin-Regulated Aminopeptidase (IRAP) Activity in Rat Prostate and Modulates Oxytocin Functions. <i>Drug Metabolism Letters</i> , 2011, 5, 192-196.	0.8	8
45	ETHANOL MODULATES NEUROPEPTIDE-DEGRADING AMINOPEPTIDASES AT SYNAPSE LEVEL IN CALCIUM-DEPENDENT CONDITIONS. <i>Alcohol and Alcoholism</i> , 2004, 39, 393-405.	1.6	7
46	Putative relationship between hormonal status and serum pyrrolidone carboxypeptidase activity in pre- and post- menopausal women with breast cancer. <i>Breast</i> , 2012, 21, 751-754.	2.2	7
47	Neoadjuvant chemotherapy modifies serum pyrrolidone carboxypeptidase specific activity in women with breast cancer and influences circulating levels of GnRH and gonadotropins. <i>Breast Cancer Research and Treatment</i> , 2020, 182, 751-760.	2.5	7
48	Glutamyl- but not aspartyl-aminopeptidase activity is modified in serum of N-methyl nitrosourea-induced rat mammary tumours. <i>Anticancer Research</i> , 2004, 24, 801-5.	1.1	7
49	Pituitary aminopeptidase activities involved in blood-pressure regulation are modified by dietary cholesterol: sex differences. <i>Regulatory Peptides</i> , 2001, 102, 87-92.	1.9	6
50	Differential Effects of Dietary Cholesterol on Aminopeptidase A, B and M in the Frontal Cortex of Male and Female Mice. <i>Nutritional Neuroscience</i> , 2001, 4, 461-468.	3.1	6
51	New 2,6-bis-[uracil-imino] ethylpyridine complexes containing the CdN6 core: Synthesis, crystal structures, luminescent properties and antiproliferative activity against C6 glioma cells. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1176-1184.	3.5	6
52	A PCR-RFLP method for detection of the LNPEP encoding human insulin-regulated aminopeptidase (IRAP) rs4869317 polymorphism. <i>Indian Journal of Medical Research</i> , 2016, 144, 120.	1.0	6
53	Aminopeptidases in the gonads of male and female rats. <i>Fertility and Sterility</i> , 2002, 77, 802-804.	1.0	5
54	Effects of orchidectomy and testosterone replacement on mouse enkephalin-degrading aminopeptidase activity in the HPA axis. <i>General and Comparative Endocrinology</i> , 2003, 134, 303-307.	1.8	5

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55	Chronic ethanol intake modifies renin-angiotensin system-regulating aminopeptidase activities in mouse cerebellum. <i>Neuropeptides</i> , 2005, 39, 67-72.	2.2	5
56	Hormonal Status Modifies Renin-Angiotensin System-Regulating Aminopeptidases and Vasopressin-Degrading Activity in the Hypothalamus-Pituitary-Adrenal Axis of Female Mice. <i>Medicinal Chemistry</i> , 2008, 4, 336-347.	1.5	5
57	Altered Serum Oxytocinase and Enkephalin-Degrading Aminopeptidase Activities in Patients With Fibromyalgia. <i>Biological Research for Nursing</i> , 2019, 21, 431-439.	1.9	5
58	Circulating renin-angiotensin system-regulating specific aminopeptidase activities in pre- and post-menopausal women with breast cancer treated or not with neoadjuvant chemotherapy. A two years follow up study. <i>Breast</i> , 2019, 43, 28-30.	2.2	5
59	Putative Involvement of Endocrine Disruptors in the Alzheimer's Disease Via the Insulin-Regulated Aminopeptidase/GLUT4 Pathway. <i>Current Neuropharmacology</i> , 2021, 19, 939-956.	2.9	5
60	Differential Effects of Doxazosin on Renin-Angiotensin-System-Regulating Aminopeptidase Activities in Neuroblastoma and Glioma Tumoral Cells. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 29-36.	1.4	5
61	Environmental light-darkness conditions induce changes in brain and peripheral pyroglutamyl-peptidase I activity. <i>Neurochemical Research</i> , 2001, 26, 463-468.	3.3	4
62	Effects of exogenous fatty acids and cholesterol on aminopeptidase activities in rat astroglia. <i>Cell Biochemistry and Function</i> , 2002, 20, 285-290.	2.9	4
63	Influence of hormonal status on enkephalin-degrading aminopeptidase activity in the HPA axis of female mice. <i>General and Comparative Endocrinology</i> , 2005, 141, 135-140.	1.8	4
64	Effects of $\alpha$ -Adrenergic Receptor Blockade by Doxazosin on Renin-Angiotensin System-regulating Aminopeptidase and Vasopressin-degrading Activities in Male and Female Rat Thalamus. <i>Hormone and Metabolic Research</i> , 2007, 39, 813-817.	1.5	4
65	Doxazosin blockade of $\alpha$ -adrenergic receptors increases rat serum progesterone levels: a putative role of ovarian angiotensin III in steroidogenesis. <i>Fertility and Sterility</i> , 2007, 88, 1071-1075.	1.0	4
66	Normolipidic Dietary Fat Modifies Circulating Renin-Angiotensin System-Regulating Aminopeptidase Activities in Rat With Breast Cancer. <i>Integrative Cancer Therapies</i> , 2015, 14, 149-155.	2.0	4
67	Circulating levels of $\beta$ -endorphin and cortisol in breast cancer. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 5, 100028.	1.7	4
68	Correlation between Biomarkers of Pain in Saliva and PAINAD Scale in Elderly People with Cognitive Impairment and Inability to Communicate. <i>Journal of Clinical Medicine</i> , 2021, 10, 1424.	2.4	4
69	Serum enkephalin-degrading aminopeptidase activity in N-methyl nitrosourea-induced rat breast cancer. <i>Anticancer Research</i> , 2005, 25, 193-6.	1.1	4
70	Acetylcholinesterase inhibitor SDZ ENA 713 (Rivastigmine) increases brain pyrrolidone carboxyl peptidase activity. <i>European Neuropsychopharmacology</i> , 2001, 11, 381-383.	0.7	3
71	Ovarian renin-angiotensin system-regulating aminopeptidases are involved in progesterone overproduction in rats with mammary tumours induced by N-methyl nitrosourea. <i>Anticancer Research</i> , 2009, 29, 4633-7.	1.1	3
72	Effects of Dietary Cholesterol on Pyroglutamyl Aminopeptidase Activity in Mouse Frontal Cortex, Pituitary, and Adrenal Glands. <i>Hormone and Metabolic Research</i> , 2002, 34, 431-434.	1.5	2

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73	Dietary Fat Including Olive Oil and Breast Cancer in the N-methyl Nitrosourea (NMU) Animal Model. , 2010, , 969-979.		2
74	Serum Specific Vasopressin-Degrading Activity is Related to Blood Total Cholesterol Levels in Men but not in Women. Medicinal Chemistry, 2012, 8, 749-752.	1.5	2
75	Influence of chronic ethanol intake on mouse synaptosomal aspartyl aminopeptidase and aminopeptidase A: Relationship with oxidative stress indicators. Alcohol, 2012, 46, 481-487.	1.7	2
76	Local thyroid renin-angiotensin system in experimental breast cancer. Life Sciences, 2013, 93, 1004-1009.	4.3	2
77	Insulin-Regulated Aminopeptidase in Women with Breast Cancer: A Role beyond the Regulation of Oxytocin and Vasopressin. Cancers, 2020, 12, 3252.	3.7	2
78	Analysis of caspase activities in rat mammary tumours induced by N-methyl-nitrosourea. Oncology Reports, 1994, 20, 657.	2.6	1
79	Effects of Orchidectomy and Testosterone Replacement on Mouse Pyrrolidone Carboxypeptidase Activity in the HPA Axis. Hormone and Metabolic Research, 2004, 36, 131-135.	1.5	1
80	Moderate Beer Consumption Modifies Tumoral Growth Parameters and Pyrrolidone Carboxypeptidase Type-I and Type-II Specific Activities in the Hypothalamus-Pituitary-Mammary Gland Axis in an Animal Model of Breast Cancer. Nutrition and Cancer, 2020, , 1-13.	2.0	1
81	Glutamate neurotoxicity does not modify aminopeptidase activities in mouse brain homogenates. Neuroscience Research Communications, 2002, 30, 103-110.	0.2	0
82	Chronic ethanol intake modifies pyrrolidone carboxypeptidase activity in mouse frontal cortex synaptosomes under resting and K+-stimulated conditions: Role of calcium. Neuroscience Letters, 2008, 439, 75-78.	2.1	0
83	Angiotensinase Activity and Olive Oil Supplementation. , 2010, , 853-862.		0
84	Circulating Oxidative Damage and Antioxidant Defense System Biomarkers in Early Stage Alzheimer's Disease. , 2015, , 469-477.		0
85	The effects of extra-virgin olive oil minority compounds hydroxytyrosol and oleuropein on glioma. , 2021, , 593-601.		0
86	The effects of olive oil and other dietary fats on redox status on breast cancer. , 2021, , 347-357.		0
87	Regulation of aminopeptidases by the renin - angiotensin system: monitoring seasonal variations in red deer and fallow deer from a Mediterranean ecosystem. Animal Production Science, 2012, 52, 761.	1.3	0