

# Ana B Segarra

## List of Publications by Year in descending order

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70  
papers

823  
citations

516561

16  
h-index

610775

24  
g-index

72  
all docs

72  
docs citations

72  
times ranked

785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of a diet enriched with virgin olive oil or butter on mouse gut microbiota and its correlation to physiological and biochemical parameters related to metabolic syndrome. PLoS ONE, 2018, 13, e0190368.	1.1	63
2	Hypoxytocinaemia in obese Zucker rats relates to oxytocin degradation in liver and adipose tissue. Journal of Endocrinology, 2014, 220, 333-343.	1.2	50
3	Review: Brain Aminopeptidases and Hypertension. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2006, 7, 129-134.	1.0	43
4	The Renin-Angiotensin System: New Insight into Old Therapies. Current Medicinal Chemistry, 2013, 20, 1313-1322.	1.2	28
5	Refined versus Extra Virgin Olive Oil High-Fat Diet Impact on Intestinal Microbiota of Mice and Its Relation to Different Physiological Variables. Microorganisms, 2019, 7, 61.	1.6	27
6	Asymmetrical response of aminopeptidase A and nitric oxide in plasma of normotensive and hypertensive rats with experimental hemiparkinsonism. Neuropharmacology, 2009, 56, 573-579.	2.0	25
7	Influence of a Virgin Olive Oil versus Butter Plus Cholesterol-Enriched Diet on Testicular Enzymatic Activities in Adult Male Rats. International Journal of Molecular Sciences, 2017, 18, 1701.	1.8	25
8	Neuropeptidases. Methods in Molecular Biology, 2011, 789, 287-294.	0.4	25
9	Influence of Extra Virgin Olive Oil on Blood Pressure and Kidney Angiotensinase Activities in Spontaneously Hypertensive Rats. Planta Medica, 2015, 81, 664-669.	0.7	23
10	Stress Influences Brain Enkephalinase, Oxytocinase and Angiotensinase Activities: A New Hypothesis. Neuropsychobiology, 2009, 59, 184-189.	0.9	22
11	Angiotensinase activities in the kidney of renovascular hypertensive rats. Peptides, 2003, 24, 755-760.	1.2	21
12	The Profile of Fatty Acids in Frontal Cortex of Rats Depends on the Type of Fat Used in the Diet and Correlates with Neuropeptidase Activities. Hormone and Metabolic Research, 2011, 43, 86-91.	0.7	21
13	Angiotensinase activity is asymmetrically distributed in the amygdala, hippocampus and prefrontal cortex of the rat. Behavioural Brain Research, 2005, 156, 321-326.	1.2	19
14	Influence of Thyroid Disorders on Kidney Angiotensinase Activity. Hormone and Metabolic Research, 2006, 38, 48-52.	0.7	19
15	Brain, Heart and Kidney Correlate for the Control of Blood Pressure and Water Balance: Role of Angiotensinases. Neuroendocrinology, 2014, 100, 198-208.	1.2	19
16	Divergent profile between hypothalamic and plasmatic aminopeptidase activities in WKY and SHR. Influence of beta-adrenergic blockade. Life Sciences, 2018, 192, 9-17.	2.0	19
17	Interaction of neuropeptidase activities in cortico-limbic regions after acute restraint stress. Behavioural Brain Research, 2015, 287, 42-48.	1.2	17
18	Blood pressure increased dramatically in hypertensive rats after left hemisphere lesions with 6-hydroxydopamine. Neuroscience Letters, 2011, 500, 148-150.	1.0	16

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19	Tissue distribution of CysAP activity and its relationship to blood pressure and water balance. <i>Life Sciences</i> , 2015, 134, 73-78.	2.0	16
20	The Brain-Heart Connection: Frontal Cortex and Left Ventricle Angiotensinase Activities in Control and Captopril-Treated Hypertensive Rats—A Bilateral Study. <i>International Journal of Hypertension</i> , 2013, 2013, 1-7.	0.5	15
21	Angiotensinase Activity in Hypothalamus and Pituitary of Hypothyroid, Euthyroid and Hyperthyroid Adult Male Rats. <i>Hormone and Metabolic Research</i> , 2003, 35, 279-281.	0.7	14
22	Plasma Aminopeptidase Activities in Rats after Left and Right Intrastratial Administration of 6-Hydroxydopamine. <i>Neuroendocrinology</i> , 2004, 80, 219-224.	1.2	14
23	Dietary Fat Influences Testosterone, Cholesterol, Aminopeptidase A, and Blood Pressure in Male Rats. <i>Hormone and Metabolic Research</i> , 2008, 40, 289-291.	0.7	14
24	Asymmetrical effect of captopril on the angiotensinase activity in frontal cortex and plasma of the spontaneously hypertensive rats: Expanding the model of neuroendocrine integration. <i>Behavioural Brain Research</i> , 2012, 230, 423-427.	1.2	13
25	Bilateral distribution of enkephalinase activity in the medial prefrontal cortex differs between WKY and SHR rats unilaterally lesioned with 6-hydroxydopamine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 75, 213-218.	2.5	13
26	The Role of High Fat Diets and Liver Peptidase Activity in the Development of Obesity and Insulin Resistance in Wistar Rats. <i>Nutrients</i> , 2020, 12, 636.	1.7	13
27	Lateralized response of oxytocinase activity in the medial prefrontal cortex of a unilateral rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2010, 213, 328-331.	1.2	12
28	Angiotensinase and Vasopressinase Activities in Hypothalamus, Plasma, and Kidney after Inhibition of Angiotensin-converting Enzyme: Basis for a New Working Hypothesis. <i>Hormone and Metabolic Research</i> , 2012, 44, 152-154.	0.7	12
29	Dietary fatty acid composition affects aminopeptidase activities in the testes of mice. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 113-118.	3.6	11
30	Glucagon-like peptide 1 and Glucagon-like peptide 2 in relation to osteoporosis in non-diabetic postmenopausal women. <i>Scientific Reports</i> , 2019, 9, 13651.	1.6	10
31	Neuropeptidase activity in the frontal cortex of Wistar—Kyoto and spontaneously hypertensive rats treated with vasoactive drugs. <i>Journal of Hypertension</i> , 2019, 37, 612-628.	0.3	10
32	Glutamyl aminopeptidase in microvesicular and exosomal fractions of urine is related with renal dysfunction in cisplatin-treated rats. <i>PLoS ONE</i> , 2017, 12, e0175462.	1.1	10
33	Relationship of Angiotensinase and Vasopressinase Activities Between Hypothalamus, Heart, and Plasma in L-NAME-Treated WKY and SHR. <i>Hormone and Metabolic Research</i> , 2014, 46, 561-567.	0.7	9
34	Influence of Diet and Gender on Plasma DPP4 Activity and GLP-1 in Patients with Metabolic Syndrome: An Experimental Pilot Study. <i>Molecules</i> , 2018, 23, 1564.	1.7	9
35	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
36	Functional and neurometabolic asymmetry in SHR and WKY rats following vasoactive treatments. <i>Scientific Reports</i> , 2019, 9, 16098.	1.6	8

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37	Aminopeptidase activities after water deprivation in male and female rats. <i>Regulatory Peptides</i> , 2001, 101, 189-194.	1.9	7
38	Effects of dehydration on renal aminopeptidase activities in adult male and female rats. <i>Regulatory Peptides</i> , 2002, 106, 27-32.	1.9	6
39	Effects of Antihypertensive Drugs on Angiotensinase Activities in the Testis of Spontaneously Hypertensive Rats. <i>Hormone and Metabolic Research</i> , 2013, 45, 344-348.	0.7	6
40	Bidirectional asymmetry in the neurovisceral communication for the cardiovascular control: New insights. <i>Endocrine Regulations</i> , 2017, 51, 157-167.	0.5	6
41	Enkephalinase regulation. <i>Vitamins and Hormones</i> , 2019, 111, 105-129.	0.7	6
42	Asymmetrical response of aminopeptidase A in the medial prefrontal cortex and striatum of 6-OHDA-unilaterally-lesioned Wistar Kyoto and spontaneously hypertensive rats. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 182, 12-21.	1.3	6
43	Enkephalinase activity is modified and correlates with fatty acids in frontal cortex depending on fish, olive or coconut oil used in the diet. <i>Endocrine Regulations</i> , 2019, 53, 59-64.	0.5	6
44	Effects of Virgin Olive Oil on Blood Pressure and Renal Aminopeptidase Activities in Male Wistar Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5388.	1.8	6
45	Brain Asymmetry: Towards an Asymmetrical Neurovisceral Integration. <i>Symmetry</i> , 2021, 13, 2409.	1.1	6
46	Hypothalamic and Plasmatic Angiotensin Metabolism in L-NAME Treated Rats. <i>Hormone and Metabolic Research</i> , 2010, 42, 222-224.	0.7	5
47	Neuropeptidase activities in plasma after acute restraint stress. Interaction with cortico-limbic areas. <i>Acta Neuropsychiatrica</i> , 2016, 28, 239-243.	1.0	5
48	Handedness and gender influence blood pressure in young healthy men and women: A pilot study. <i>Endocrine Regulations</i> , 2016, 50, 10-15.	0.5	5
49	Hypothalamic Renin-angiotensin System and Lipid Metabolism: Effects of Virgin Olive Oil versus Butter in the Diet. <i>Nutrients</i> , 2021, 13, 480.	1.7	5
50	Influence of thyroid disorders on the kidney expression and plasma activity of aminopeptidase A. <i>Endocrine Regulations</i> , 2015, 49, 68-72.	0.5	5
51	Aminopeptidase activity in renovascular hypertension. <i>Medical Science Monitor</i> , 2003, 9, BR31-6.	0.5	5
52	Aminopeptidase Activity in the Nigrostriatal System and Prefrontal Cortex of Rats with Experimental Hemiparkinsonism. <i>Hormone and Metabolic Research</i> , 2005, 37, 53-55.	0.7	4
53	Atrial Angiotensinase Activity in Hypothyroid, Euthyroid, and Hyperthyroid Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 48, 117-120.	0.8	4
54	Study of the Neuropeptide Function in Parkinson's Disease Using the 6-Hydroxydopamine Model of Experimental Hemiparkinsonism. <i>AIMS Neuroscience</i> , 2017, 4, 223-237.	1.0	4

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55	Thyroid Disorders Change the Pattern of Response of Angiotensinase Activities in the Hypothalamus-Pituitary-Adrenal Axis of Male Rats. <i>Frontiers in Endocrinology</i> , 2018, 9, 731.	1.5	3
56	Diet and Oxidative Status. The Dietary Pattern and Urinary 8-Isoprostane in Healthy Spanish Women. <i>Antioxidants</i> , 2019, 8, 271.	2.2	3
57	Blood Pressure Correlates Asymmetrically with Neuropeptidase Activities of the Left and Right Frontal Cortices. <i>Symmetry</i> , 2021, 13, 105.	1.1	3
58	Interaction between Angiotensinase Activities in Pituitary and Adrenal Glands of Wistar Kyoto and Spontaneously Hypertensive Rats under Hypotensive or Hypertensive Treatments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7823.	1.8	3
59	Cystinyl and pyroglutamyl-beta-naphthylamide hydrolyzing activities are modified coordinately between hypothalamus, liver and plasma depending on the thyroid status of adult male rats. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	3
60	Neuropeptidases, Stress, and Memory—A Promising Perspective. <i>AIMS Neuroscience</i> , 2016, 3, 487-501.	1.0	3
61	The Type of Fat in the Diet Influences the Behavior and the Relationship Between Cystinyl and Alanyl Aminopeptidase Activities in Frontal Cortex, Liver, and Plasma. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 94.	1.6	2
62	High-Fat Diets Modify the Proteolytic Activities of Dipeptidyl-Peptidase IV and the Regulatory Enzymes of the Renin-Angiotensin System in Cardiovascular Tissues of Adult Wistar Rats. <i>Biomedicines</i> , 2021, 9, 1149.	1.4	2
63	Light-dark influence on enkephalinase activity in hypothalamus and pituitary. <i>Neuroendocrinology Letters</i> , 2018, 39, 277-280.	0.2	2
64	Papel de las aminopeptidasas en el control neuroendocrino de la presión arterial en animales de experimentación. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2008, 55, 402-408.	0.8	1
65	The Type of Fat in the Diet Influences Regulatory Aminopeptidases of the Renin-Angiotensin System and Stress in the Hypothalamic-Pituitary-Adrenal Axis in Adult Wistar Rats. <i>Nutrients</i> , 2021, 13, 3939.	1.7	1
66	Asymmetric Interaction of Neuropeptidase Activities between Cortico-Limbic Structures, Plasma and Cardiovascular Function after Unilateral Dopamine Depletions of the Nigrostriatal System. <i>Biomedicines</i> , 2022, 10, 326.	1.4	1
67	Efecto del hipotiroidismo e hipertiroidismo sobre la actividad aminopeptidasa en plasma de ratas. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2001, 48, 193-197.	0.8	0
68	Olive oil and male fertility. , 2021, , 435-444.		0
69	Effect of high olive oil diet on aminopeptidase activities in spontaneously hypertensive rats. , 2011, , .		0
70	The Renin-Angiotensin System: New Insight into Old Therapies. <i>Current Medicinal Chemistry</i> , 2013, 999, 43-49.	1.2	0