

# Silvia M Arribas

## List of PR Articles by Year in descending order

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73

PR articles

2,244

PR citations

162956

27

PR h-index

203378

44

g-index

86

documents

2575

doc citations

159291

29

h-index

3443

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Role of lamin A/C on dendritic cell function in antiviral immunity. Cellular and Molecular Life Sciences, 2024, 81, .	5.6	1
2	Resistance artery vasodilator pathways involved in the antihypertensive effects of cocoa shell extract in rats exposed to fetal undernutrition. Journal of Physiology, 2024, 602, 6065-6085.	3.1	3
3	Psychometric Evaluation of Women's Knowledge of Healthcare Rights and Perception of Resource Scarcity during Maternity. Healthcare (Switzerland), 2024, 12, 2045.	2.3	1
4	Vascular nitrosative stress in hypertension induced by fetal undernutrition in rats. Journal of Physiology and Biochemistry, 2023, 79, 555-568.	3.8	7
5	Evaluation of Parameters Which Influence Voluntary Ingestion of Supplements in Rats. Animals, 2023, 13, 1827.	2.4	8
6	Vasoactive Properties of a Cocoa Shell Extract: Mechanism of Action and Effect on Endothelial Dysfunction in Aged Rats. Antioxidants, 2022, 11, 429.	5.9	21
7	AMPK and the Challenge of Treating Hypoxic Pulmonary Hypertension. International Journal of Molecular Sciences, 2022, 23, 6205.	4.5	21
8	Maternal Resources, Pregnancy Concerns, and Biological Factors Associated to Birth Weight and Psychological Health. Journal of Clinical Medicine, 2021, 10, 695.	2.6	12
9	Maternal Psychological and Biological Factors Associated to Gestational Complications. Journal of Personalized Medicine, 2021, 11, 183.	2.6	16
10	Multidimensional Approach to Assess Nutrition and Lifestyle in Breastfeeding Women during the First Month of Lactation. Nutrients, 2021, 13, 1766.	4.7	21
11	Implication of RAS in Postnatal Cardiac Remodeling, Fibrosis and Dysfunction Induced by Fetal Undernutrition. Pathophysiology, 2021, 28, 273-290.	2.5	4
12	Assessment of Adherence to the Healthy Food Pyramid in Pregnant and Lactating Women. Nutrients, 2021, 13, 2372.	4.7	15
13	Younger Age in Adolescent Pregnancies Is Associated with Higher Risk of Adverse Outcomes. International Journal of Environmental Research and Public Health, 2021, 18, 8514.	3.1	24
14	Higher risk of late-onset sepsis in very low birth weight male preterm infants. Medicina Universitaria, 2021, 20, .	0.0	1
15	Sex Differences in Placental Protein Expression and Efficiency in a Rat Model of Fetal Programming Induced by Maternal Undernutrition. International Journal of Molecular Sciences, 2021, 22, 237.	4.5	27
16	Healthy Habits and Emotional Balance in Women during the Postpartum Period: Differences between Term and Preterm Delivery. Children, 2021, 8, 937.	1.7	12
17	Plasma Oxidative Status in Preterm Infants Receiving LCPUFA Supplementation: A Pilot Study. Nutrients, 2020, 12, 122.	4.7	9
18	Association between Maternal Postpartum Depression, Stress, Optimism, and Breastfeeding Pattern in the First Six Months. International Journal of Environmental Research and Public Health, 2020, 17, 7153.	3.1	60

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19	First trimester elevations of hematocrit, lipid peroxidation and nitrates in women with twin pregnancies who develop preeclampsia. <i>Pregnancy Hypertension</i> , 2020, 22, 132-135.	1.6	12
20	Fetal Undernutrition Induces Resistance Artery Remodeling and Stiffness in Male and Female Rats Independent of Hypertension. <i>Biomedicines</i> , 2020, 8, 424.	3.5	10
21	Nox2 Upregulation and p38 <sup>Î±</sup> MAPK Activation in Right Ventricular Hypertrophy of Rats Exposed to Long-Term Chronic Intermittent Hypobaric Hypoxia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8576.	4.5	16
22	Influence of Maternal Age and Gestational Age on Breast Milk Antioxidants During the First Month of Lactation. <i>Nutrients</i> , 2020, 12, 2569.	4.7	30
23	Male fetal sex is associated with low maternal plasma anti-inflammatory cytokine profile in the first trimester of healthy pregnancies. <i>Cytokine</i> , 2020, 136, 155290.	3.7	36
24	Validation of Cocoa Shell as a Novel Antioxidant Dietary Fiber Food Ingredient: Nutritional Value, Functional Properties, and Safety. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa052_042.	0.2	7
25	Development and Validation of a Questionnaire to Assess Adherence to the Healthy Food Pyramid in Spanish Adults. <i>Nutrients</i> , 2020, 12, 1656.	4.7	11
26	Bioavailability of Melatonin from Lentil Sprouts and Its Role in the Plasmatic Antioxidant Status in Rats. <i>Foods</i> , 2020, 9, 330.	4.7	41
27	Insights into sympathetic nervous system and GPCR interplay in fetal programming of hypertension: a bridge for new pharmacological strategies. <i>Drug Discovery Today</i> , 2020, 25, 739-747.	6.8	9
28	Maternal Antioxidant Status in Early Pregnancy and Development of Fetal Complications in Twin Pregnancies: A Pilot Study. <i>Antioxidants</i> , 2020, 9, 269.	5.9	14
29	A Review of Bioactive Factors in Human Breastmilk: A Focus on Prematurity. <i>Nutrients</i> , 2019, 11, 1307.	4.7	177
30	Role of fetal nutrient restriction and postnatal catchâ€up growth on structural and mechanical alterations of rat aorta. <i>Journal of Physiology</i> , 2018, 596, 5791-5806.	3.1	17
31	Teas and herbal infusions as sources of melatonin and other bioactive non-nutrient components. <i>LWT - Food Science and Technology</i> , 2018, 89, 65-73.	6.4	44
32	Effects of Arachidonic and Docosohexahenoic Acid Supplementation during Gestation in Rats. Implication of Placental Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3863.	4.5	10
33	Implication of Oxidative Stress in Fetal Programming of Cardiovascular Disease. <i>Frontiers in Physiology</i> , 2018, 9, .	2.9	146
34	A novel pyrogallol red-based assay to assess catalase activity: Optimization by response surface methodology. <i>Talanta</i> , 2017, 166, 349-356.	5.9	9
35	Long term effects of fetal undernutrition on rat heart. Role of hypertension and oxidative stress. <i>PLoS ONE</i> , 2017, 12, e0171544.	2.4	44
36	Prediction of fermentation index of cocoa beans ( <i>Theobroma cacao</i> L.) based on color measurement and artificial neural networks. <i>Talanta</i> , 2016, 161, 31-39.	5.9	61

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37	Maternal plasma antioxidant status in the first trimester of pregnancy and development of obstetric complications. <i>Placenta</i> , 2016, 47, 37-45.	1.2	48
38	Intake of bean sprouts influences melatonin and antioxidant capacity biomarker levels in rats. <i>Food and Function</i> , 2016, 7, 1438-1445.	5.4	38
39	A novel high-throughput image based rapid Folin-Ciocalteu assay for assessment of reducing capacity in foods. <i>Talanta</i> , 2016, 152, 82-89.	5.9	24
40	Arterial stiffness is associated with adipokine dysregulation in non-hypertensive obese mice. <i>Vascular Pharmacology</i> , 2016, 77, 38-47.	2.6	24
41	Endothelial and Neuronal Nitric Oxide Activate Distinct Pathways on Sympathetic Neurotransmission in Rat Tail and Mesenteric Arteries. <i>PLoS ONE</i> , 2015, 10, e0129224.	2.4	12
42	Gene Expression and MicroRNA Expression Analysis in Small Arteries of Spontaneously Hypertensive Rats. Evidence for ER Stress. <i>PLoS ONE</i> , 2015, 10, e0137027.	2.4	21
43	Adventitial Alterations Are the Main Features in Pulmonary Artery Remodeling due to Long-Term Chronic Intermittent Hypobaric Hypoxia in Rats. <i>BioMed Research International</i> , 2015, 2015, 1-11.	2.7	11
44	Fetal undernutrition is associated with perinatal sex-dependent alterations in oxidative status. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1650-1659.	5.0	53
45	Estimation of scavenging capacity of melatonin and other antioxidants: Contribution and evaluation in germinated seeds. <i>Food Chemistry</i> , 2015, 170, 203-211.	9.6	65
46	Imbalance between Pro and Anti-Oxidant Mechanisms in Perivascular Adipose Tissue Aggravates Long-Term High-Fat Diet-Derived Endothelial Dysfunction. <i>PLoS ONE</i> , 2014, 9, e95312.	2.4	91
47	Nitric Oxide and Superoxide Anion Balance in Rats Exposed to Chronic and Long Term Intermittent Hypoxia. <i>BioMed Research International</i> , 2014, 2014, 1-10.	2.7	33
48	Heterogeneity in Arterial Remodeling among Sublines of Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2014, 9, e107998.	2.4	20
49	A simple dot-blot "Sirius red-based assay for collagen quantification. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6863-6871.	3.5	26
50	A plasma oxidative stress global index in early stages of chronic venous insufficiency. <i>Journal of Vascular Surgery</i> , 2013, 57, 205-213.	1.8	40
51	Rapid high-throughput assay to assess scavenging capacity index using DPPH. <i>Food Chemistry</i> , 2013, 141, 788-794.	9.6	42
52	Liver growth factor treatment reverses vascular and plasmatic oxidative stress in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2012, 30, 1185-1194.	2.3	18
53	The Antioxidant Activity and Thermal Stability of Lemon Verbena ( <i>Aloysia triphylla</i> ) Infusion. <i>Journal of Medicinal Food</i> , 2011, 14, 517-527.	2.1	34
54	Liver growth factor treatment restores cell-extracellular matrix balance in resistance arteries and improves left ventricular hypertrophy in SHR. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1153-H1165.	3.8	24

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55	Role of extracellular matrix in vascular remodeling of hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2010, 19, 187-194.	2.3	85
56	Enhanced survival of vascular smooth muscle cells accounts for heightened elastin deposition in arteries of neonatal spontaneously hypertensive rats. <i>Experimental Physiology</i> , 2010, 95, 550-560.	2.6	13
57	Antioxidant activity of liver growth factor, a bilirubin covalently bound to albumin. <i>Free Radical Biology and Medicine</i> , 2009, 46, 656-662.	3.8	21
58	Endothelial dysfunction in spontaneously hypertensive rats: focus on methodological aspects. <i>Journal of Hypertension</i> , 2009, 27, S27-S31.	2.3	52
59	Heightened aberrant deposition of hard-wearing elastin in conduit arteries of prehypertensive SHR is associated with increased stiffness and inward remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H2299-H2307.	3.8	43
60	Hypertension increases middle cerebral artery resting tone in spontaneously hypertensive rats: role of tonic vasoactive factor availability. <i>Clinical Science</i> , 2008, 114, 651-659.	6.3	28
61	Imaging the vascular wall using confocal microscopy. <i>Journal of Physiology</i> , 2007, 584, 5-9.	3.1	36
62	Elastic fibres and vascular structure in hypertension. , 2006, 111, 771-791.		225
63	Alterations in structure and mechanics of resistance arteries from ouabain-induced hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H193-H201.	3.8	63
64	Short-term treatment of spontaneously hypertensive rats with liver growth factor reduces carotid artery fibrosis, improves vascular function, and lowers blood pressure. <i>Cardiovascular Research</i> , 2006, 69, 764-771.	5.5	36
65	Postnatal alterations in elastic fiber organization precede resistance artery narrowing in SHR. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H804-H812.	3.8	41
66	Modulatory role of the adventitia on noradrenaline and angiotensin II responses Role of endothelium and AT2 receptors. <i>Cardiovascular Research</i> , 2005, 65, 478-486.	5.5	20
67	Role of Elastin in Spontaneously Hypertensive Rat Small Mesenteric Artery Remodelling. <i>Journal of Physiology</i> , 2003, 552, 185-195.	3.1	132
68	Functional Reduction and Associated Cellular Rearrangement in SHRSP Rat Basilar Arteries Are Affected by Salt Load and Calcium Antagonist Treatment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 517-527.	4.9	23
69	Cellular changes induced by chronic nitric oxide inhibition in intact rat basilar arteries revealed by confocal microscopy. <i>Journal of Hypertension</i> , 1997, 15, 1685-1693.	2.3	37
70	<sup>1</sup> -Adrenoceptor vasoconstriction in the tail artery during ageing. <i>British Journal of Pharmacology</i> , 1997, 121, 1017-1023.	6.4	25
71	Cellular Aspects of Vascular Remodeling in Hypertension Revealed by Confocal Microscopy. <i>Hypertension</i> , 1997, 30, 1455-1464.	7.0	76
72	Impairment of Vasodilator Function in Basilar Arteries From Aged Rats. <i>Stroke</i> , 1997, 28, 1812-1820.	6.0	22

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73	Confocal Microscopic Characterization of a Lesion in a Cerebral Vessel of the Stroke-Prone Spontaneously Hypertensive Rat. <i>Stroke</i> , 1996, 27, 1118-1123.	6.0	42