

# Francesca Romana Pluchinotta

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,698  
citations

331670

21  
h-index

302126

39  
g-index

64  
all docs

64  
docs citations

64  
times ranked

3265  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Roadmap to Investigate the Genetic Basis of Bicuspid Aortic Valve and its Complications. Journal of the American College of Cardiology, 2014, 64, 832-839.	2.8	162
2	Coffee components and cardiovascular risk: beneficial and detrimental effects. International Journal of Food Sciences and Nutrition, 2014, 65, 925-936.	2.8	149
3	Coffee and tea consumption in relation with non-alcoholic fatty liver and metabolic syndrome: A systematic review and meta-analysis of observational studies. Clinical Nutrition, 2016, 35, 1269-1281.	5.0	140
4	Distinctive clinical features of pediatric systemic lupus erythematosus in three different age classes. Lupus, 2007, 16, 550-555.	1.6	96
5	Effects of Polyphenols on Oxidative Stress-Mediated Injury in Cardiomyocytes. Nutrients, 2017, 9, 523.	4.1	89
6	Surgical treatment of bicuspid aortic valve disease: Knowledge gaps and research perspectives. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1749-1757.e1.	0.8	86
7	Normal Values of Aortic Root Dimensions in Healthy Adults. American Journal of Cardiology, 2014, 114, 921-927.	1.6	78
8	Impact of chocolate on the cardiovascular health. Frontiers in Bioscience - Landmark, 2018, 23, 852-864.	3.0	67
9	Protocatechuic acid activates key components of insulin signaling pathway mimicking insulin activity. Molecular Nutrition and Food Research, 2015, 59, 1472-1481.	3.3	62
10	Surgical Atrioventricular Valve Replacement With Melody Valve in Infants and Children. Circulation: Cardiovascular Interventions, 2018, 11, e007145.	3.9	60
11	Resveratrol and anti-atherogenic effects. International Journal of Food Sciences and Nutrition, 2015, 66, 603-610.	2.8	47
12	Aortitis. Vascular Pharmacology, 2016, 80, 1-10.	2.1	43
13	QRS duration and QRS fractionation on surface electrocardiogram are markers of right ventricular dysfunction and atrialization in patients with Ebstein anomaly. European Heart Journal, 2013, 34, 191-200.	2.2	37
14	Evaluation of 4D flow MRI-based non-invasive pressure assessment in aortic coarctations. Journal of Biomechanics, 2019, 94, 13-21.	2.1	35
15	Prevention of cardiovascular diseases with Carotenoids. Frontiers in Bioscience - Scholar, 2017, 9, 165-171.	2.1	34
16	Holographic Augmented Reality and 3D Printing for Advanced Planning of Sinus Venosus ASD/Partial Anomalous Pulmonary Venous Return Percutaneous Management. JACC: Cardiovascular Interventions, 2019, 12, 1389-1391.	2.9	34
17	Early predictors of perinatal brain damage: the role of neurobiomarkers. Clinical Chemistry and Laboratory Medicine, 2020, 58, 471-486.	2.3	32
18	Diabetic human adipose tissue-derived mesenchymal stem cells fail to differentiate in functional adipocytes. Experimental Biology and Medicine, 2017, 242, 1079-1085.	2.4	29

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19	Neurological Abnormalities in Full-Term Asphyxiated Newborns and Salivary S100B Testing: The "Cooperative Multitask against Brain Injury of Neonates" (CoMBINe) International Study. <i>PLoS ONE</i> , 2015, 10, e0115194.	2.5	25
20	Dietary Phytoestrogen Intake is Inversely Associated with Hypertension in a Cohort of Adults Living in the Mediterranean Area. <i>Molecules</i> , 2018, 23, 368.	3.8	24
21	Echocardiographic Assessment after Surgical Repair of Tetralogy of Fallot. <i>Frontiers in Pediatrics</i> , 2015, 3, 3.	1.9	23
22	Evaluation of Right Ventricular Function in Adults with Congenital Heart Defects. <i>Echocardiography</i> , 2015, 32, S38-52.	0.9	21
23	Caffeic Acid Phenethyl Ester Regulates PPAR $\alpha$ 's Levels in Stem Cells-Derived Adipocytes. <i>PPAR Research</i> , 2016, 2016, 1-13.	2.4	21
24	Severe clinical course of systemic lupus erythematosus in the first year of life. <i>Lupus</i> , 2008, 17, 780-786.	1.6	20
25	The potentials and limitations of neuro-biomarkers as predictors of outcome in neonates with birth asphyxia. <i>Early Human Development</i> , 2017, 105, 63-67.	1.8	20
26	NEU3 sialidase role in activating HIF-1 $\alpha$ in response to chronic hypoxia in cyanotic congenital heart patients. <i>International Journal of Cardiology</i> , 2017, 230, 6-13.	1.7	19
27	Prediction of stenting related adverse events through patient-specific finite element modelling. <i>Journal of Biomechanics</i> , 2018, 79, 135-146.	2.1	18
28	The clinical and diagnostic utility of S100B in preterm newborns. <i>Clinica Chimica Acta</i> , 2015, 444, 193-198.	1.1	17
29	Coronary Heart Disease in Postmenopausal Women with Type II Diabetes Mellitus and the Impact of Estrogen Replacement Therapy: A Narrative Review. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-8.	1.5	15
30	Surgery for supraventricular tachycardia and congenital heart defects: long-term efficacy of the combined approach in adult patients. <i>Europace</i> , 2017, 19, euw278.	1.7	14
31	Coronary Arteries in Childhood Heart Disease: Implications for Management of Young Adults. <i>Journal of Clinical &amp; Experimental Cardiology</i> , 2012, 01, .	0.0	13
32	What's growing on? The growing teratoma syndrome. <i>Acta Neurochirurgica</i> , 2010, 152, 1943-1946.	1.7	12
33	Surgical mitral valve replacement with the Melody valve in infants and children: the Italian experience. <i>EuroIntervention</i> , 2017, 12, 2104-2109.	3.2	12
34	Biochemical Markers for Brain Injury Monitoring in Children with or without Congenital Heart Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 12-23.	1.4	11
35	S100B maternal blood levels are gestational age- and gender-dependent in healthy pregnancies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1770-1776.	2.3	11
36	Congenital Langerhans Cell Histiocytosis with Placental Involvement. <i>Pediatric and Developmental Pathology</i> , 2013, 16, 224-228.	1.0	10

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37	Right ventricular diameter predicts all-cause mortality in heart failure with preserved ejection fraction. <i>Internal and Emergency Medicine</i> , 2019, 14, 1091-1100.	2.0	10
38	Idiopathic intervertebral disc calcification in childhood. <i>Archives of Disease in Childhood</i> , 2009, 94, 233-234.	1.9	9
39	Congenital Heart Defects in Adults : A Field Guide for Cardiologists. <i>Journal of Clinical &amp; Experimental Cardiology</i> , 2012, 01, .	0.0	9
40	Stenting complex aortic coarctation: simulation in a 3D printed model. <i>EuroIntervention</i> , 2017, 13, 490-490.	3.2	9
41	The Ca <sup>2+</sup> -Binding S100B Protein: An Important Diagnostic and Prognostic Neurobiomarker in Pediatric Laboratory Medicine. <i>Methods in Molecular Biology</i> , 2019, 1929, 701-728.	0.9	7
42	Predictors of Ominous Outcome in Infants who Undergo Cardiac Surgery and Cardiopulmonary By-Pass: S100B Protein. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 85-90.	1.4	6
43	Postmortem imaging in congenital heart disease: preliminary experience. <i>Acta Radiologica</i> , 2015, 56, 1264-1272.	1.1	6
44	Treatment of right ventricular outflow tract dysfunction: a multimodality approach. <i>European Heart Journal Supplements</i> , 2016, 18, E22-E26.	0.1	6
45	Biventricular Heart Remodeling After Percutaneous or Surgical Pulmonary Valve Implantation. <i>Journal of Thoracic Imaging</i> , 2017, 32, 358-364.	1.5	6
46	Experimental quantification of the fluid dynamics in blood-processing devices through 4D-flow imaging: A pilot study on a real oxygenator/heat-exchanger module. <i>Journal of Biomechanics</i> , 2018, 68, 14-23.	2.1	5
47	Glutathione Blood Concentrations: A Biomarker of Oxidative Damage Protection during Cardiopulmonary Bypass in Children. <i>Diagnostics</i> , 2019, 9, 118.	2.6	5
48	Monitoring the effectiveness of hypothermia in perinatal asphyxia infants by urinary S100B levels. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1017-1025.	2.3	5
49	S100B increases in cyanotic versus noncyanotic infants undergoing heart surgery and cardiopulmonary bypass (CPB). <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1117-1123.	1.5	5
50	Anomalous origin of the right coronary artery from the pulmonary artery associated with tetralogy of Fallot: description of the pre-surgical diagnosis and surgical repair. <i>Cardiology in the Young</i> , 2011, 21, 468-470.	0.8	4
51	Blood-threshold CMR volume analysis of functional univentricular heart. <i>Radiologia Medica</i> , 2018, 123, 331-337.	7.7	4
52	Antenatal maternal antidepressants drugs treatment affects S100B levels in maternal-fetal biological fluids in a dose dependent manner. <i>Clinica Chimica Acta</i> , 2020, 501, 20-26.	1.1	4
53	Does Tetralogy of Fallot affect brain aging? A proof-of-concept study. <i>PLoS ONE</i> , 2018, 13, e0202496.	2.5	3
54	Characteristics and outcomes of fetuses with laterality defects are the current outcomes better? A single center study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 547-554.	1.5	3

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55	Left Ventricular Aneurysm, Aortic Stenosis, and Arcade Mitral Valve: Coexistence of Three Rare Congenital Heart Defects. <i>Pediatric Cardiology</i> , 2012, 33, 1206-1209.	1.3	1
56	Postmortem imaging of antemortem myocardial ischaemia. <i>European Radiology</i> , 2014, 24, 34-41.	4.5	1
57	Osteopathic Manipulation Treatment Improves Cerebro-splanchnic Oximetry in Late Preterm Infants. <i>Molecules</i> , 2019, 24, 3221.	3.8	1
58	NIRS cerebral patterns in healthy late preterm and term infants are gender- and gestational age-dependent. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1036-1041.	1.5	1
59	Surgical rescue after transcatheter interventional procedures in congenital heart disease patients: an existing problem. <i>EuroIntervention</i> , 2017, 12, 1724-1729.	3.2	1
60	Concomitant severe Kawasaki disease and pityriasis rubra pilaris and in a teenager: just a coincidence?. <i>Clinical and Experimental Rheumatology</i> , 2010, 28, 113.	0.8	1
61	Nursery care of the newborn with malformation syndrome. <i>Early Human Development</i> , 2009, 85, S63-S65.	1.8	0
62	'QRS duration and QRS fractionation on surface electrocardiogram are markers of right ventricular dysfunction and atrialization in patients with Ebstein anomaly' [Eur Heart J 2012;34:191-200, doi:10.1093/eurheartj/ehs362]. <i>European Heart Journal</i> , 2013, 34, 624-624.	2.2	0
63	Multimodality cardiac imaging at IRCCS Policlinico San Donato: a new interdisciplinary vision. <i>European Heart Journal Supplements</i> , 2016, 18, E27-E30.	0.1	0
64	Going beyond morphology in Ebstein's anomaly. <i>International Journal of Cardiology</i> , 2018, 257, 75.	1.7	0