

Eduardo Fuentes

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

1,780
citations

26
h-index

37
g-index

107
ext. papers

2,288
ext. citations

4.4
avg, IF

5.26
L-index

#	Paper	IF	Citations
97	Mechanisms of chronic state of inflammation as mediators that link obese adipose tissue and metabolic syndrome. <i>Mediators of Inflammation</i> , 2013 , 2013, 136584	4.3	118
96	Immune System Dysfunction in the Elderly. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 285-299	1.4	96
95	Role of Platelet-Derived Microvesicles As Crosstalk Mediators in Atherothrombosis and Future Pharmacology Targets: A Link between Inflammation, Atherosclerosis, and Thrombosis. <i>Frontiers in Pharmacology</i> , 2016 , 7, 293	5.6	77
94	Role of platelets as mediators that link inflammation and thrombosis in atherosclerosis. <i>Platelets</i> , 2013 , 24, 255-62	3.6	75
93	Chlorogenic acid inhibits human platelet activation and thrombus formation. <i>PLoS ONE</i> , 2014 , 9, e90699	3.7	59
92	Role of PPARs in inflammatory processes associated with metabolic syndrome (Review). <i>Molecular Medicine Reports</i> , 2013 , 8, 1611-6	2.9	58
91	Inhibition of platelet activation and thrombus formation by adenosine and inosine: studies on their relative contribution and molecular modeling. <i>PLoS ONE</i> , 2014 , 9, e112741	3.7	53
90	Protective mechanisms of adenosine 5'-monophosphate in platelet activation and thrombus formation. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 491-507	7	44
89	Roles of Phenolic Compounds in the Reduction of Risk Factors of Cardiovascular Diseases. <i>Molecules</i> , 2019 , 24,	4.8	42
88	Strawberry extract presents antiplatelet activity by inhibition of inflammatory mediator of atherosclerosis (sP-selectin, sCD40L, RANTES, and IL-1 β) and thrombus formation. <i>Platelets</i> , 2015 , 26, 224-9	3.6	41
87	Fractions of aqueous and methanolic extracts from tomato (<i>Solanum lycopersicum</i> L.) present platelet antiaggregant activity. <i>Blood Coagulation and Fibrinolysis</i> , 2012 , 23, 109-17	1	40
86	Role of oxidative stress on platelet hyperreactivity during aging. <i>Life Sciences</i> , 2016 , 148, 17-23	6.8	37
85	Antioxidant and Antiplatelet Activities in Extracts from Green and Fully Ripe Tomato Fruits (<i>Solanum lycopersicum</i>) and Pomace from Industrial Tomato Processing. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 867578	2.3	34
84	Mechanisms of endothelial cell protection by hydroxycinnamic acids. <i>Vascular Pharmacology</i> , 2014 , 63, 155-61	5.9	33
83	Antiplatelet effects of natural bioactive compounds by multiple targets: Food and drug interactions. <i>Journal of Functional Foods</i> , 2014 , 6, 73-81	5.1	32
82	Effect of tomato industrial processing on phenolic profile and antiplatelet activity. <i>Molecules</i> , 2013 , 18, 11526-36	4.8	32
81	Mechanisms of endothelial dysfunction during aging: Predisposition to thrombosis. <i>Mechanisms of Ageing and Development</i> , 2017 , 164, 91-99	5.6	31

80	NADPH oxidase 2 (NOX2): A key target of oxidative stress-mediated platelet activation and thrombosis. <i>Trends in Cardiovascular Medicine</i> , 2018 , 28, 429-434	6.9	31
79	PAMAM dendrimer derivatives as a potential drug for antithrombotic therapy. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 601-8	6.8	30
78	Bioassay-Guided Isolation and HPLC Determination of Bioactive Compound That Relate to the Antiplatelet Activity (Adhesion, Secretion, and Aggregation) from <i>Solanum lycopersicum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 147031	2.3	30
77	Extracellular ATP metabolism on vascular endothelial cells: A pathway with pro-thrombotic and anti-thrombotic molecules. <i>Vascular Pharmacology</i> , 2015 , 75, 1-6	5.9	29
76	Role of adenosine A2b receptor overexpression in tumor progression. <i>Life Sciences</i> , 2016 , 166, 92-99	6.8	29
75	Role of multiligand/RAGE axis in platelet activation. <i>Thrombosis Research</i> , 2014 , 133, 308-14	8.2	28
74	Platelets and atherogenesis: Platelet anti-aggregation activity and endothelial protection from tomatoes (<i>Solanum lycopersicum</i> L.). <i>Experimental and Therapeutic Medicine</i> , 2012 , 3, 577-584	2.1	27
73	NF-B signaling pathway as target for antiplatelet activity. <i>Blood Reviews</i> , 2016 , 30, 309-15	11.1	26
72	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. <i>Vascular Pharmacology</i> , 2018 , 101, 1-8	5.9	26
71	Chemical Characterization and Antiplatelet Potential of Bioactive Extract from Tomato Pomace (Byproduct of Tomato Paste). <i>Nutrients</i> , 2019 , 11,	6.7	24
70	Antiplatelet Activity of Natural Bioactive Extracts from Mango (L.) and its By-Products. <i>Antioxidants</i> , 2019 , 8,	7.1	23
69	A novel role of <i>Eruca sativa</i> Mill. (rocket) extract: antiplatelet (NF-B inhibition) and antithrombotic activities. <i>Nutrients</i> , 2014 , 6, 5839-52	6.7	22
68	Protective mechanisms of guanosine from <i>Solanum lycopersicum</i> on agonist-induced platelet activation: role of sCD40L. <i>Molecules</i> , 2013 , 18, 8120-35	4.8	22
67	Mechanisms of Endothelial Protection by Natural Bioactive Compounds from Fruit and Vegetables. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 615-633	1.4	21
66	Computational study of the binding orientation and affinity of PPAR α agonists: inclusion of ligand-induced fit by cross-docking. <i>RSC Advances</i> , 2016 , 6, 64756-64768	3.7	18
65	Decoding the Role of Platelets and Related MicroRNAs in Aging and Neurodegenerative Disorders. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 151	5.3	18
64	Platelet oxidative stress as a novel target of cardiovascular risk in frail older people. <i>Vascular Pharmacology</i> , 2017 , 93-95, 14-19	5.9	18
63	Role of access to parks and markets with anthropometric measurements, biological markers, and a healthy lifestyle. <i>International Journal of Environmental Health Research</i> , 2015 , 25, 373-83	3.6	18

62	Natural Bioactive Compounds As Protectors Of Mitochondrial Dysfunction In Cardiovascular Diseases And Aging. <i>Molecules</i> , 2019 , 24,	4.8	18
61	Platelet miRNAs and cardiovascular diseases. <i>Life Sciences</i> , 2015 , 133, 29-44	6.8	17
60	Primary and secondary haemostasis changes related to aging. <i>Mechanisms of Ageing and Development</i> , 2015 , 150, 46-54	5.6	16
59	Role of Platelet Activation and Oxidative Stress in the Evolution of Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2019 , 24, 509-520	2.6	16
58	Regulation of mitochondrial function as a promising target in platelet activation-related diseases. <i>Free Radical Biology and Medicine</i> , 2019 , 136, 172-182	7.8	16
57	Effect of tomato industrial processing (different hybrids, paste, and pomace) on inhibition of platelet function in vitro, ex vivo, and in vivo. <i>Journal of Medicinal Food</i> , 2014 , 17, 505-11	2.8	15
56	Relationship between Platelet PPARs, cAMP Levels, and P-Selectin Expression: Antiplatelet Activity of Natural Products. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 861786	2.3	15
55	Adenosine A receptor agonists with potent antiplatelet activity. <i>Platelets</i> , 2018 , 29, 292-300	3.6	14
54	Mechanism of antiplatelet action of hypolipidemic, antidiabetic and antihypertensive drugs by PPAR activation: PPAR agonists: new antiplatelet agents. <i>Vascular Pharmacology</i> , 2014 , 62, 162-6	5.9	13
53	Guanosine exerts antiplatelet and antithrombotic properties through an adenosine-related cAMP-PKA signaling. <i>International Journal of Cardiology</i> , 2017 , 248, 294-300	3.2	13
52	Cross-talk between platelet and tumor microenvironment: Role of multiligand/RAGE axis in platelet activation. <i>Blood Reviews</i> , 2016 , 30, 213-21	11.1	12
51	Antiplatelet effect of differentially charged PEGylated lipid-polymer nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1089-1094	6	12
50	Synthesis of antiplatelet ortho-carbonyl hydroquinones with differential action on platelet aggregation stimulated by collagen or TRAP-6. <i>European Journal of Medicinal Chemistry</i> , 2020 , 192, 112187	6.8	11
49	Oxidative pathways of arachidonic acid as targets for regulation of platelet activation. <i>Prostaglandins and Other Lipid Mediators</i> , 2019 , 145, 106382	3.7	11
48	Mauritia flexuosa Presents In Vitro and In Vivo Antiplatelet and Antithrombotic Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 653257	2.3	11
47	Spatial analysis for the epidemiological study of cardiovascular diseases: A systematic literature search. <i>Geospatial Health</i> , 2018 , 13, 587	2.2	11
46	Platelet Activation Is Triggered by Factors Secreted by Senescent Endothelial HMEC-1 Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
45	Platelet mitochondrial dysfunction and mitochondria-targeted quinone-and hydroquinone-derivatives: Review on new strategy of antiplatelet activity. <i>Biochemical Pharmacology</i> , 2018 , 156, 215-222	6	10

44	Increased platelet function during frailty. <i>Experimental Hematology</i> , 2019 , 77, 12-25.e2	3.1	9
43	Lipid Metabolism and Signaling in Platelet Function. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1127, 97-115	3.6	9
42	Older adults with frailty syndrome present an altered platelet function and an increased level of circulating oxidative stress and mitochondrial dysfunction biomarker GDF-15. <i>Free Radical Biology and Medicine</i> , 2020 , 149, 64-71	7.8	9
41	(matico) prevents collagen-induced platelet activation by decreasing phospholipase C-gamma 2 and protein kinase C phosphorylation signaling. <i>Journal of Traditional and Complementary Medicine</i> , 2018 , 8, 66-71	4.6	9
40	Gene expression of adipose tissue, endothelial cells and platelets in subjects with metabolic syndrome (Review). <i>Molecular Medicine Reports</i> , 2012 , 5, 1135-40	2.9	9
39	Mitoquinone (MitoQ) Inhibits Platelet Activation Steps by Reducing ROS Levels. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
38	Regulatory mechanisms of cAMP levels as a multiple target for antiplatelet activity and less bleeding risk. <i>Thrombosis Research</i> , 2014 , 134, 221-6	8.2	8
37	Thrombus formation induced by laser in a mouse model. <i>Experimental and Therapeutic Medicine</i> , 2014 , 8, 64-68	2.1	8
36	Synthetic isoxazole as antiplatelet agent. <i>Platelets</i> , 2014 , 25, 234-8	3.6	8
35	Functional fermented cherimoya (<i>Annona cherimola</i> Mill.) juice using autochthonous lactic acid bacteria. <i>Food Research International</i> , 2020 , 138, 109729	7	8
34	Antiplatelet activity of drugs used in hypertension, dyslipidemia and diabetes: Additional benefit in cardiovascular diseases prevention. <i>Vascular Pharmacology</i> , 2017 , 91, 10-17	5.9	7
33	In Vitro Assay of Quinoa (<i>Chenopodium quinoa</i> Willd.) and Lupin (<i>Lupinus</i> spp.) Extracts on Human Platelet Aggregation. <i>Plant Foods for Human Nutrition</i> , 2020 , 75, 215-222	3.9	7
32	Study of the interactions between Edaglitazone and Ciglitazone with PPAR α and their antiplatelet profile. <i>Life Sciences</i> , 2017 , 186, 59-65	6.8	6
31	Protective Mechanisms of <i>S. lycopersicum</i> Aqueous Fraction (Nucleosides and Flavonoids) on Platelet Activation and Thrombus Formation: In Vitro, Ex Vivo and In Vivo Studies. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 609714	2.3	6
30	Antiplatelet Activity of Isorhamnetin via Mitochondrial Regulation. <i>Antioxidants</i> , 2021 , 10,	7.1	6
29	Analysis of the characteristics and components for the frailty syndrome in older adults from central Chile. The PIEI-ES study. <i>Archives of Gerontology and Geriatrics</i> , 2019 , 80, 70-75	4	6
28	Effect of straight-line and road network distances to parks and markets on anthropometric measurements, biochemical markers, and a healthy lifestyle in adult people. <i>Sport Sciences for Health</i> , 2016 , 12, 55-61	1.3	5
27	Mechanism of the anti-platelet effect of natural bioactive compounds: role of peroxisome proliferator-activated receptors activation. <i>Platelets</i> , 2014 , 25, 471-9	3.6	5

26	Platelet Anti-Aggregant Activity and Bioactive Compounds of Ultrasound-Assisted Extracts from Whole and Seedless Tomato Pomace. <i>Foods</i> , 2020 , 9,	4.9	5
25	Antiplatelet activity and chemical analysis of leaf and fruit extracts from <i>Aristolelia chilensis</i> . <i>PLoS ONE</i> , 2021 , 16, e0250852	3.7	5
24	Role of physical activity in cardiovascular disease prevention in older adults. <i>Sport Sciences for Health</i> , 2015 , 11, 227-233	1.3	4
23	Biological Evaluation of Avocado Residues as a Potential Source of Bioactive Compounds. <i>Antioxidants</i> , 2022 , 11, 1049	7.1	4
22	Discovery and Structure Relationships of Salicylanilide Derivatives as Potent, Non-acidic P2X1 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 6164-6178	8.3	3
21	Docking and quantitative structure-activity relationship of bi-cyclic heteroaromatic pyridazinone and pyrazolone derivatives as phosphodiesterase 3A (PDE3A) inhibitors. <i>PLoS ONE</i> , 2017 , 12, e0189213	3.7	3
20	Geographic clustering of elderly people with above-norm anthropometric measurements and blood chemistry. <i>Geospatial Health</i> , 2017 , 12, 523	2.2	3
19	Anti-platelet activity and chemical characterization by UPLC-DAD-ESI-QTOF-MS of the main polyphenols in extracts from <i>Psidium</i> leaves and fruits. <i>Food Research International</i> , 2021 , 141, 110070	7	3
18	Frail older adults show a distinct plasma microvesicle profile suggesting a prothrombotic and proinflammatory phenotype. <i>Journal of Cellular Physiology</i> , 2021 , 236, 2099-2108	7	3
17	Exerts an Inhibitory Effect on Platelet Aggregation through AKT Dependent Way. <i>Preventive Nutrition and Food Science</i> , 2018 , 23, 102-107	2.4	3
16	Antiplatelet Activity of. <i>Journal of Medicinal Food</i> , 2021 , 24, 1197-1205	2.8	3
15	Spatial distribution and physical activity: implications for prevention of cardiovascular diseases. <i>Sport Sciences for Health</i> , 2017 , 13, 9-16	1.3	2
14	Effect of advanced glycation end products on platelet activation and aggregation: a comparative study of the role of glyoxal and methylglyoxal. <i>Platelets</i> , 2021 , 32, 507-515	3.6	2
13	Polypharmacy Is Associated with Frailty, Nutritional Risk and Chronic Disease in Chilean Older Adults: Remarks from PIEI-ES Study. <i>Clinical Interventions in Aging</i> , 2020 , 15, 1013-1022	4	2
12	Synthesis and Biological Evaluation of Thio-Derivatives of 2-Hydroxy-1,4-Naphthoquinone (Lawsone) as Novel Antiplatelet Agents. <i>Frontiers in Chemistry</i> , 2020 , 8, 533	5	2
11	Synthesis and pharmacological evaluation of acylhydroquinone derivatives as potent antiplatelet agents. <i>Biochemical Pharmacology</i> , 2021 , 183, 114341	6	2
10	Antiplatelet Effects of Bioactive Compounds Present in Tomato Pomace. <i>Current Drug Targets</i> , 2021 , 22, 1716-1724	3	2
9	Methodology of generation and purification of anti-beta 2 glycoprotein I antibodies. <i>MethodsX</i> , 2019 , 6, 986-992	1.9	1

8	EL CONSUMO DE FRUTAS Y HORTALIZAS AYUDA A PREVENIR EL DAÑO ENDOTELIAL. <i>Revista Chilena De Nutricion</i> , 2011 , 38, 343-355	0.9	1
7	Non-nutrients and nutrients from Latin American fruits for the prevention of cardiovascular diseases. <i>Food Research International</i> , 2021 , 139, 109844	7	1
6	Pathophysiology of deep vein thrombosis.. <i>Clinical and Experimental Medicine</i> , 2022 , 1	4.9	1
5	Characterization by Gender of Frailty Syndrome in Elderly People according to Frail Trait Scale and Fried Frailty Phenotype. <i>Journal of Personalized Medicine</i> , 2022 , 12, 712	3.6	0
4	Antiplatelet protocol: Effects of ingesting a tomato pomace extract on human platelet aggregation. <i>MethodsX</i> , 2019 , 6, 1847-1853	1.9	
3	Inhibitory effects of <i>Cyperus digitatus</i> extract on human platelet function in vitro. <i>Platelets</i> , 2015 , 26, 764-70	3.6	
2	Impact of walkability with regard to physical activity in the prevention of diabetes. <i>Geospatial Health</i> , 2017 , 12, 595	2.2	
1	Regulation of platelet function by natural bioactive compounds. <i>Food Bioscience</i> , 2022 , 48, 101742	4.9	