Eduardo Fuentes

List of Publications by Year in Descending Order

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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	Pathophysiology of deep vein thrombosis.. *Clinical and Experimental Medicine*, **2022**, 1	4.9	1
96	Characterization by Gender of Frailty Syndrome in Elderly People according to Frail Trait Scale and Fried Frailty Phenotype. *Journal of Personalized Medicine*, **2022**, 12, 712	3.6	0
95	Regulation of platelet function by natural bioactive compounds. *Food Bioscience*, **2022**, 48, 101742	4.9	
94	Biological Evaluation of Avocado Residues as a Potential Source of Bioactive Compounds. *Antioxidants*, **2022**, 11, 1049	7.1	4
93	Effect of advanced glycation end products on platelet activation and aggregation: a comparative study of the role of glyoxal and methylglyoxal. *Platelets*, **2021**, 32, 507-515	3.6	2
92	Anti-platelet activity and chemical characterization by UPLC-DAD-ESI-QTOF-MS of the main polyphenols in extracts from Psidium leaves and fruits. *Food Research International*, **2021**, 141, 110070	7	3
91	Antiplatelet Activity of Isorhamnetin via Mitochondrial Regulation. *Antioxidants*, **2021**, 10,	7.1	6
90	Antiplatelet activity and chemical analysis of leaf and fruit extracts from Aristotelia chilensis. *PLoS ONE*, **2021**, 16, e0250852	3.7	5
89	Frail older adults show a distinct plasma microvesicle profile suggesting a prothrombotic and proinflammatory phenotype. *Journal of Cellular Physiology*, **2021**, 236, 2099-2108	7	3
88	Synthesis and pharmacological evaluation of acylhydroquinone derivatives as potent antiplatelet agents. *Biochemical Pharmacology*, **2021**, 183, 114341	6	2
87	Non-nutrients and nutrients from Latin American fruits for the prevention of cardiovascular diseases. *Food Research International*, **2021**, 139, 109844	7	1
86	Antiplatelet Activity of. *Journal of Medicinal Food*, **2021**, 24, 1197-1205	2.8	3
85	Antiplatelet Effects of Bioactive Compounds Present in Tomato Pomace. *Current Drug Targets*, **2021**, 22, 1716-1724	3	2
84	Platelet Activation Is Triggered by Factors Secreted by Senescent Endothelial HMEC-1 Cells In Vitro. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	10
83	In Vitro Assay of Quinoa (Chenopodium quinoa Willd.) and Lupin (Lupinus spp.) Extracts on Human Platelet Aggregation. *Plant Foods for Human Nutrition*, **2020**, 75, 215-222	3.9	7
82	Synthesis of antiplatelet ortho-carbonyl hydroquinones with differential action on platelet aggregation stimulated by collagen or TRAP-6. *European Journal of Medicinal Chemistry*, **2020**, 192, 112187	6.8	11
81	Older adults with frailty syndrome present an altered platelet function and an increased level of circulating oxidative stress and mitochondrial dysfunction biomarker GDF-15. *Free Radical Biology and Medicine*, **2020**, 149, 64-71	7.8	9

80	Discovery and Structure Relationships of Salicylanilide Derivatives as Potent, Non-acidic P2X1 Receptor Antagonists. *Journal of Medicinal Chemistry*, **2020**, 63, 6164-6178	8.3	3
79	Functional fermented cherimoya (Annona cherimola Mill.) juice using autochthonous lactic acid bacteria. *Food Research International*, **2020**, 138, 109729	7	8
78	Polypharmacy Is Associated with Frailty, Nutritional Risk and Chronic Disease in Chilean Older Adults: Remarks from PIEI-ES Study. *Clinical Interventions in Aging*, **2020**, 15, 1013-1022	4	2
77	Synthesis and Biological Evaluation of Thio-Derivatives of 2-Hydroxy-1,4-Naphthoquinone (Lawsone) as Novel Antiplatelet Agents. *Frontiers in Chemistry*, **2020**, 8, 533	5	2
76	Platelet Anti-Aggregant Activity and Bioactive Compounds of Ultrasound-Assisted Extracts from Whole and Seedless Tomato Pomace. *Foods*, **2020**, 9,	4.9	5
75	Mitoquinone (MitoQ) Inhibits Platelet Activation Steps by Reducing ROS Levels. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
74	Increased platelet function during frailty. *Experimental Hematology*, **2019**, 77, 12-25.e2	3.1	9
73	Antiplatelet protocol: Effects of ingesting a tomato pomace extract on human platelet aggregation. *MethodsX*, **2019**, 6, 1847-1853	1.9	
72	Roles of Phenolic Compounds in the Reduction of Risk Factors of Cardiovascular Diseases. *Molecules*, **2019**, 24,	4.8	42
71	Methodology of generation and purification of anti-beta 2 glycoprotein I antibodies. *MethodsX*, **2019**, 6, 986-992	1.9	1
70	Lipid Metabolism and Signaling in Platelet Function. *Advances in Experimental Medicine and Biology*, **2019**, 1127, 97-115	3.6	9
69	Chemical Characterization and Antiplatelet Potential of Bioactive Extract from Tomato Pomace (Byproduct of Tomato Paste). *Nutrients*, **2019**, 11,	6.7	24
68	Decoding the Role of Platelets and Related MicroRNAs in Aging and Neurodegenerative Disorders. *Frontiers in Aging Neuroscience*, **2019**, 11, 151	5.3	18
67	Role of Platelet Activation and Oxidative Stress in the Evolution of Myocardial Infarction. *Journal of Cardiovascular Pharmacology and Therapeutics*, **2019**, 24, 509-520	2.6	16
66	Antiplatelet Activity of Natural Bioactive Extracts from Mango (L.) and its By-Products. *Antioxidants*, **2019**, 8,	7.1	23
65	Oxidative pathways of arachidonic acid as targets for regulation of platelet activation. *Prostaglandins and Other Lipid Mediators*, **2019**, 145, 106382	3.7	11
64	Natural Bioactive Compounds As Protectors Of Mitochondrial Dysfunction In Cardiovascular Diseases And Aging. *Molecules*, **2019**, 24,	4.8	18
63	Regulation of mitochondrial function as a promising target in platelet activation-related diseases. *Free Radical Biology and Medicine*, **2019**, 136, 172-182	7.8	16

62	Analysis of the characteristics and components for the frailty syndrome in older adults from central Chile. The PIEI-ES study. *Archives of Gerontology and Geriatrics*, **2019**, 80, 70-75	4	6
61	NADPH oxidase 2 (NOX2): A key target of oxidative stress-mediated platelet activation and thrombosis. *Trends in Cardiovascular Medicine*, **2018**, 28, 429-434	6.9	31
60	Adenosine A receptor agonists with potent antiplatelet activity. *Platelets*, **2018**, 29, 292-300	3.6	14
59	(matico) prevents collagen-induced platelet activation by decreasing phospholipase C-gamma 2 and protein kinase C phosphorylation signaling. *Journal of Traditional and Complementary Medicine*, **2018**, 8, 66-71	4.6	9
58	Platelet mitochondrial dysfunction and mitochondria-targeted quinone-and hydroquinone-derivatives: Review on new strategy of antiplatelet activity. *Biochemical Pharmacology*, **2018**, 156, 215-222	6	10
57	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. *Vascular Pharmacology*, **2018**, 101, 1-8	5.9	26
56	Spatial analysis for the epidemiological study of cardiovascular diseases: A systematic literature search. *Geospatial Health*, **2018**, 13, 587	2.2	11
55	Exerts an Inhibitory Effect on Platelet Aggregation through AKT Dependent Way. *Preventive Nutrition and Food Science*, **2018**, 23, 102-107	2.4	3
54	Mechanisms of endothelial dysfunction during aging: Predisposition to thrombosis. *Mechanisms of Ageing and Development*, **2017**, 164, 91-99	5.6	31
53	Antiplatelet activity of drugs used in hypertension, dyslipidemia and diabetes: Additional benefit in cardiovascular diseases prevention. *Vascular Pharmacology*, **2017**, 91, 10-17	5.9	7
52	Docking and quantitative structure-activity relationship of bi-cyclic heteroaromatic pyridazinone and pyrazolone derivatives as phosphodiesterase 3A (PDE3A) inhibitors. *PLoS ONE*, **2017**, 12, e0189213	3.7	3
51	Geographic clustering of elderly people with above-norm anthropometric measurements and blood chemistry. *Geospatial Health*, **2017**, 12, 523	2.2	3
50	Platelet oxidative stress as a novel target of cardiovascular risk in frail older people. *Vascular Pharmacology*, **2017**, 93-95, 14-19	5.9	18
49	Study of the interactions between Edaglitazone and Ciglitazone with PPAR and their antiplatelet profile. *Life Sciences*, **2017**, 186, 59-65	6.8	6
48	Guanosine exerts antiplatelet and antithrombotic properties through an adenosine-related cAMP-PKA signaling. *International Journal of Cardiology*, **2017**, 248, 294-300	3.2	13
47	Spatial distribution and physical activity: implications for prevention of cardiovascular diseases. *Sport Sciences for Health*, **2017**, 13, 9-16	1.3	2
46	Antiplatelet effect of differentially charged PEGylated lipid-polymer nanoparticles. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1089-1094	6	12
45	Immune System Dysfunction in the Elderly. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 285-299	1.4	96

44	Mechanisms of Endothelial Protection by Natural Bioactive Compounds from Fruit and Vegetables. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 615-633	1.4	21
43	Impact of walkability with regard to physical activity in the prevention of diabetes. *Geospatial Health*, **2017**, 12, 595	2.2	
42	Computational study of the binding orientation and affinity of PPAR agonists: inclusion of ligand-induced fit by cross-docking. *RSC Advances*, **2016**, 6, 64756-64768	3.7	18
41	Cross-talk between platelet and tumor microenvironment: Role of multiligand/RAGE axis in platelet activation. *Blood Reviews*, **2016**, 30, 213-21	11.1	12
40	NF-B signaling pathway as target for antiplatelet activity. *Blood Reviews*, **2016**, 30, 309-15	11.1	26
39	Role of oxidative stress on platelet hyperreactivity during aging. *Life Sciences*, **2016**, 148, 17-23	6.8	37
38	Effect of straight-line and road network distances to parks and markets on anthropometric measurements, biochemical markers, and a healthy lifestyle in adult people. *Sport Sciences for Health*, **2016**, 12, 55-61	1.3	5
37	Role of Platelet-Derived Microvesicles As Crosstalk Mediators in Atherothrombosis and Future Pharmacology Targets: A Link between Inflammation, Atherosclerosis, and Thrombosis. *Frontiers in Pharmacology*, **2016**, 7, 293	5.6	77
36	Role of adenosine A2b receptor overexpression in tumor progression. *Life Sciences*, **2016**, 166, 92-99	6.8	29
35	Primary and secondary haemostasis changes related to aging. *Mechanisms of Ageing and Development*, **2015**, 150, 46-54	5.6	16
34	Role of physical activity in cardiovascular disease prevention in older adults. *Sport Sciences for Health*, **2015**, 11, 227-233	1.3	4
33	Strawberry extract presents antiplatelet activity by inhibition of inflammatory mediator of atherosclerosis (sP-selectin, sCD40L, RANTES, and IL-1 and thrombus formation. *Platelets*, **2015**, 26, 224-9	3.6	41
32	Platelet miRNAs and cardiovascular diseases. *Life Sciences*, **2015**, 133, 29-44	6.8	17
31	Extracellular ATP metabolism on vascular endothelial cells: A pathway with pro-thrombotic and anti-thrombotic molecules. *Vascular Pharmacology*, **2015**, 75, 1-6	5.9	29
30	Inhibitory effects of Cyperus digitatus extract on human platelet function in vitro. *Platelets*, **2015**, 26, 764-70	3.6	
29	Role of access to parks and markets with anthropometric measurements, biological markers, and a healthy lifestyle. *International Journal of Environmental Health Research*, **2015**, 25, 373-83	3.6	18
28	Role of multiligand/RAGE axis in platelet activation. *Thrombosis Research*, **2014**, 133, 308-14	8.2	28
27	Antiplatelet effects of natural bioactive compounds by multiple targets: Food and drug interactions. *Journal of Functional Foods*, **2014**, 6, 73-81	5.1	32

26	Regulatory mechanisms of cAMP levels as a multiple target for antiplatelet activity and less bleeding risk. *Thrombosis Research*, **2014**, 134, 221-6	8.2	8
25	Mechanism of the anti-platelet effect of natural bioactive compounds: role of peroxisome proliferator-activated receptors activation. *Platelets*, **2014**, 25, 471-9	3.6	5
24	Effect of tomato industrial processing (different hybrids, paste, and pomace) on inhibition of platelet function in vitro, ex vivo, and in vivo. *Journal of Medicinal Food*, **2014**, 17, 505-11	2.8	15
23	Mechanism of antiplatelet action of hypolipidemic, antidiabetic and antihypertensive drugs by PPAR activation: PPAR agonists: new antiplatelet agents. *Vascular Pharmacology*, **2014**, 62, 162-6	5.9	13
22	Thrombus formation induced by laser in a mouse model. *Experimental and Therapeutic Medicine*, **2014**, 8, 64-68	2.1	8
21	Protective mechanisms of adenosine 5U-monophosphate in platelet activation and thrombus formation. *Thrombosis and Haemostasis*, **2014**, 111, 491-507	7	44
20	A novel role of Eruca sativa Mill. (rocket) extract: antiplatelet (NF-B inhibition) and antithrombotic activities. *Nutrients*, **2014**, 6, 5839-52	6.7	22
19	Inhibition of platelet activation and thrombus formation by adenosine and inosine: studies on their relative contribution and molecular modeling. *PLoS ONE*, **2014**, 9, e112741	3.7	53
18	Synthetic isoxazole as antiplatelet agent. *Platelets*, **2014**, 25, 234-8	3.6	8
17	Mechanisms of endothelial cell protection by hydroxycinnamic acids. *Vascular Pharmacology*, **2014**, 63, 155-61	5.9	33
16	Chlorogenic acid inhibits human platelet activation and thrombus formation. *PLoS ONE*, **2014**, 9, e90699	3.7	59
15	PAMAM dendrimer derivatives as a potential drug for antithrombotic therapy. *European Journal of Medicinal Chemistry*, **2013**, 69, 601-8	6.8	30
14	Role of platelets as mediators that link inflammation and thrombosis in atherosclerosis. *Platelets*, **2013**, 24, 255-62	3.6	75
13	Role of PPARs in inflammatory processes associated with metabolic syndrome (Review). *Molecular Medicine Reports*, **2013**, 8, 1611-6	2.9	58
12	Relationship between Platelet PPARs, cAMP Levels, and P-Selectin Expression: Antiplatelet Activity of Natural Products. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 861786	2.3	15
11	Mechanisms of chronic state of inflammation as mediators that link obese adipose tissue and metabolic syndrome. *Mediators of Inflammation*, **2013**, 2013, 136584	4.3	118
10	Protective Mechanisms of S. lycopersicum Aqueous Fraction (Nucleosides and Flavonoids) on Platelet Activation and Thrombus Formation: In Vitro, Ex Vivo and In Vivo Studies. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 609714	2.3	6
9	Mauritia flexuosa Presents In Vitro and In Vivo Antiplatelet and Antithrombotic Activities. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 653257	2.3	11

8	Antioxidant and Antiplatelet Activities in Extracts from Green and Fully Ripe Tomato Fruits (Solanum lycopersicum) and Pomace from Industrial Tomato Processing. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 867578	2.3	34
7	Protective mechanisms of guanosine from Solanum lycopersicum on agonist-induced platelet activation: role of sCD40L. *Molecules*, **2013**, 18, 8120-35	4.8	22
6	Effect of tomato industrial processing on phenolic profile and antiplatelet activity. *Molecules*, **2013**, 18, 11526-36	4.8	32
5	Bioassay-Guided Isolation and HPLC Determination of Bioactive Compound That Relate to the Antiplatelet Activity (Adhesion, Secretion, and Aggregation) from Solanum lycopersicum. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 147031	2.3	30
4	Gene expression of adipose tissue, endothelial cells and platelets in subjects with metabolic syndrome (Review). *Molecular Medicine Reports*, **2012**, 5, 1135-40	2.9	9
3	Platelets and atherogenesis: Platelet anti-aggregation activity and endothelial protection from tomatoes (Solanum lycopersicum L.). *Experimental and Therapeutic Medicine*, **2012**, 3, 577-584	2.1	27
2	Fractions of aqueous and methanolic extracts from tomato (Solanum lycopersicum L.) present platelet antiaggregant activity. *Blood Coagulation and Fibrinolysis*, **2012**, 23, 109-17	1	40
1	EL CONSUMO DE FRUTAS Y HORTALIZAS AYUDA A PREVENIR EL DA□O ENDOTELIAL. *Revista Chilena De Nutricion*, **2011**, 38, 343-355	0.9	1