

# ngel Garca

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7744097/angel-garcia-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

77  
papers

2,150  
citations

26  
h-index

45  
g-index

85  
ext. papers

2,390  
ext. citations

5.5  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
77	A novel Syk-dependent mechanism of platelet activation by the C-type lectin receptor CLEC-2. <i>Blood</i> , <b>2006</b> , 107, 542-9	2.2	386
76	Differential proteome analysis of TRAP-activated platelets: involvement of DOK-2 and phosphorylation of RGS proteins. <i>Blood</i> , <b>2004</b> , 103, 2088-95	2.2	156
75	Extensive analysis of the human platelet proteome by two-dimensional gel electrophoresis and mass spectrometry. <i>Proteomics</i> , <b>2004</b> , 4, 656-68	4.8	154
74	A comprehensive proteomics and genomics analysis reveals novel transmembrane proteins in human platelets and mouse megakaryocytes including G6b-B, a novel immunoreceptor tyrosine-based inhibitory motif protein. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 548-64	7.6	124
73	A microtubule interactome: complexes with roles in cell cycle and mitosis. <i>PLoS Biology</i> , <b>2008</b> , 6, e98	9.7	90
72	The characterization of the invasion phenotype of uveal melanoma tumour cells shows the presence of MUC18 and HMG-1 metastasis markers and leads to the identification of DJ-1 as a potential serum biomarker. <i>International Journal of Cancer</i> , <b>2006</b> , 119, 1014-22	7.5	90
71	A global proteomics approach identifies novel phosphorylated signaling proteins in GPVI-activated platelets: involvement of G6f, a novel platelet Grb2-binding membrane adapter. <i>Proteomics</i> , <b>2006</b> , 6, 5332-43	4.8	84
70	Comparative analysis of platelet-derived microparticles reveals differences in their amount and proteome depending on the platelet stimulus. <i>Journal of Proteomics</i> , <b>2012</b> , 76 Spec No., 287-96	3.9	72
69	Proteins involved in platelet signaling are differentially regulated in acute coronary syndrome: a proteomic study. <i>PLoS ONE</i> , <b>2010</b> , 5, e13404	3.7	58
68	Proteomic analysis of integrin alphaIIb beta3 outside-in signaling reveals Src-kinase-independent phosphorylation of Dok-1 and Dok-3 leading to SHIP-1 interactions. <i>Journal of Thrombosis and Haemostasis</i> , <b>2009</b> , 7, 1718-26	15.4	49
67	Applying proteomics technology to platelet research. <i>Mass Spectrometry Reviews</i> , <b>2005</b> , 24, 918-30	11	49
66	Proteomic, genomic and translational approaches identify CRMP1 for a role in schizophrenia and its underlying traits. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 4406-18	5.6	48
65	Biomarker discovery from uveal melanoma secretomes: identification of gp100 and cathepsin D in patient serum. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 2802-11	5.6	44
64	Nef-mediated lipid raft exclusion of Ubch7 inhibits Cbl activity in T cells to positively regulate signaling. <i>Immunity</i> , <b>2005</b> , 23, 621-34	32.3	35
63	Variations in platelet proteins associated with ST-elevation myocardial infarction: novel clues on pathways underlying platelet activation in acute coronary syndromes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2957-64	9.4	34
62	Proteome analysis of a human uveal melanoma primary cell culture by 2-DE and MS. <i>Proteomics</i> , <b>2005</b> , 5, 4980-93	4.8	34
61	Regulation of PIT-1 Expression By Ghrelin and GHRP-6 Through the GH Secretagogue Receptor. <i>Molecular Endocrinology</i> , <b>2001</b> , 15, 1484-1495		33

60	Analyzing the platelet proteome. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2004</b> , 30, 485-9	5.3	32
59	Identification of a circulating microvesicle protein network involved in ST-elevation myocardial infarction. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 112, 716-26	7	31
58	Proteome analysis of signaling cascades in human platelets. <i>Blood Cells, Molecules, and Diseases</i> , <b>2006</b> , 36, 152-6	2.1	31
57	The occurrence of the human glycoconjugate C(2)-alpha-D-mannosylpyranosyl-L-tryptophan in marine ascidians. <i>Organic Letters</i> , <b>2000</b> , 2, 2765-7	6.2	31
56	Hormonal control of growth hormone secretion. <i>Hormone Research in Paediatrics</i> , <b>2001</b> , 55 Suppl 1, 11-63.3		31
55	A 2D-DIGE-based proteomic analysis reveals differences in the platelet releasate composition when comparing thrombin and collagen stimulations. <i>Scientific Reports</i> , <b>2015</b> , 5, 8198	4.9	28
54	New Amino Acid Derivatives from the Marine Ascidian <i>Leptoclinides dubius</i> . <i>Journal of Natural Products</i> , <b>1996</b> , 59, 782-785	4.9	28
53	Proteomic analysis of HepaRG cells: a novel cell line that supports hepatitis B virus infection. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 118-22	5.6	26
52	Two-dimensional gel electrophoresis in platelet proteomics research. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 139, 339-53		26
51	Proteomics applied to the study of platelet-related diseases: aiding the discovery of novel platelet biomarkers and drug targets. <i>Journal of Proteomics</i> , <b>2012</b> , 76 Spec No., 275-86	3.9	24
50	Application of Extracellular Vesicles Proteomics to Cardiovascular Disease: Guidelines, Data Analysis, and Future Perspectives. <i>Proteomics</i> , <b>2019</b> , 19, e1800247	4.8	24
49	GPVI surface expression and signalling pathway activation are increased in platelets from obese patients: Elucidating potential anti-atherothrombotic targets in obesity. <i>Atherosclerosis</i> , <b>2019</b> , 281, 62-70 <sup>1</sup>	2.1	23
48	Platelet proteomics: state of the art and future perspective. <i>Methods in Molecular Biology</i> , <b>2012</b> , 788, 367-99	1.4	22
47	A detailed proteomic analysis of rhodocytin-activated platelets reveals novel clues on the CLEC-2 signalosome: implications for CLEC-2 signaling regulation. <i>Blood</i> , <b>2012</b> , 120, e117-26	2.2	21
46	Abnormal cell cycle regulation in primary human uveal melanoma cultures. <i>Journal of Cellular Biochemistry</i> , <b>2004</b> , 93, 708-20	4.7	16
45	Isolation and characterization of cotiaractivase, a novel low molecular weight prothrombin activator from the venom of <i>Bothrops cotiara</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2006</b> , 1764, 863-71	4	15
44	High-resolution two-dimensional gel electrophoresis analysis of atrial tissue proteome reveals down-regulation of fibulin-1 in atrial fibrillation. <i>International Journal of Cardiology</i> , <b>2011</b> , 150, 283-90	3.2	14
43	Proteomic analysis of extracellular vesicles derived from platelet concentrates treated with Mirasol identifies biomarkers of platelet storage lesion. <i>Journal of Proteomics</i> , <b>2020</b> , 210, 103529	3.9	14

42	Neuropeptide precursor VGF is genetically associated with social anhedonia and underrepresented in the brain of major mental illness: its downregulation by DISC1. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5859-65	5.6	13
41	Larger aggregates of mutant seipin in Celia's Encephalopathy, a new protein misfolding neurodegenerative disease. <i>Neurobiology of Disease</i> , <b>2015</b> , 83, 44-53	7.5	12
40	Platelet proteomics in cardiovascular diseases. <i>Translational Proteomics</i> , <b>2015</b> , 7, 15-29		12
39	Clinical proteomics in platelet research: challenges ahead. <i>Journal of Thrombosis and Haemostasis</i> , <b>2010</b> , 8, 1784-5	15.4	10
38	Interspecies differences in protein expression do not impact the spatiotemporal regulation of glycoprotein VI mediated activation. <i>Journal of Thrombosis and Haemostasis</i> , <b>2020</b> , 18, 485-496	15.4	10
37	A Comprehensive Tyrosine Phosphoproteomic Analysis Reveals Novel Components of the Platelet CLEC-2 Signaling Cascade. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 262-276	7	10
36	The human VGF-derived bioactive peptide TLQP-21 binds heat shock 71 kDa protein 8 (HSPA8) on the surface of SH-SY5Y cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185176	3.7	9
35	Proteomic identification of putative biomarkers for early detection of sudden cardiac death in a family with a LMNA gene mutation causing dilated cardiomyopathy. <i>Journal of Proteomics</i> , <b>2016</b> , 148, 75-84	3.9	9
34	A Combination of Proteomic Approaches Identifies A Panel of Circulating Extracellular Vesicle Proteins Related to the Risk of Suffering Cardiovascular Disease in Obese Patients. <i>Proteomics</i> , <b>2019</b> , 19, e1800248	4.8	9
33	Platelet clinical proteomics: Facts, challenges, and future perspectives. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 767-73	3.1	8
32	Alteration of platelet GPVI signaling in ST-elevation myocardial infarction patients demonstrated by a combination of proteomic, biochemical, and functional approaches. <i>Scientific Reports</i> , <b>2016</b> , 6, 39603	4.9	8
31	Analysis of platelets from a diet-induced obesity rat model: elucidating platelet dysfunction in obesity. <i>Scientific Reports</i> , <b>2020</b> , 10, 13104	4.9	7
30	Deciphering the secretome of leukocyte-platelet rich fibrin: towards a better understanding of its wound healing properties. <i>Scientific Reports</i> , <b>2020</b> , 10, 14571	4.9	6
29	The structure of CLEC-2: mechanisms of dimerization and higher-order clustering. <i>Platelets</i> , <b>2021</b> , 32, 733-743	3.6	6
28	2D-DIGE-based proteomic analysis of intracoronary versus peripheral arterial blood platelets from acute myocardial infarction patients: Upregulation of platelet activation biomarkers at the culprit site. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 851-8	3.1	6
27	Platelet proteomics applied to the search for novel antiplatelet therapeutic targets. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 993-1006	4.2	4
26	Qualitative and Quantitative Comparison of Plasma Exosomes from Neonates and Adults. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
25	Overcoming challenges in developing small molecule inhibitors for GPVI and CLEC-2. <i>Platelets</i> , <b>2021</b> , 32, 744-752	3.6	4

24	Platelet membrane lipid rafts protein composition varies following GPVI and CLEC-2 receptors activation. <i>Journal of Proteomics</i> , <b>2019</b> , 195, 88-97	3.9	3
23	Platelet Genomics and Proteomics <b>2007</b> , 99-116		3
22	Sample Preparation Variables in Platelet Proteomics for Biomarker Research67-86		3
21	Data on hyper-activation of GPVI signalling in obese patients: Towards the identification of novel antiplatelet targets in obesity. <i>Data in Brief</i> , <b>2019</b> , 23, 103784	1.2	2
20	Phosphoproteomic Analysis of Platelets in Severe Obesity Uncovers Platelet Reactivity and Signaling Pathways Alterations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 478-490	9.4	2
19	Exploring the potential of platelet proteomics in children. <i>Proteomics - Clinical Applications</i> , <b>2014</b> , 8, 807-812	3.2	2
18	Platelets and their Role in Thrombotic and Cardiovascular Disease: The Impact of Proteomic Analysis1-26		1
17	The PI3K Inhibitor Idelalisib Diminishes Platelet Function and Shows Antithrombotic Potential. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
16	Extracellular vesicles in the transfusion medicine field: The potential of proteomics. <i>Proteomics</i> , <b>2021</b> , 21, e2000089	4.8	1
15	Clinical Proteomics for the Analysis of Circulating Extracellular Vesicles. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2259, 13-23	1.4	1
14	Platelet Functional Genomics253-284		1
13	Systems Biology to Study Platelet-Related Bleeding Disorders285-320		1
12	Two-Dimensional Gel Electrophoresis: Basic Principles and Application to Platelet Signaling Studies87-110		1
11	Proteomics of Platelet Granules, Organelles, and Releasate139-157		1
10	The Platelet Microparticle Proteome159-184		0
9	In reply to: "Further comments on platelet proteomics in Transfusion Medicine". <i>Blood Transfusion</i> , <b>2014</b> , 12 Suppl 1, s246	3.6	
8	The Platelet Membrane Proteome111-137		
7	N-Terminal Combined Fractional Diagonal Chromatographic (COFRADIC) Analysis of the Human Platelet Proteome185-206		

6 Platelet Proteomics in Transfusion Medicine 321-340

5 Cardiovascular Proteomics 341-379

4 The Application of Microarray Analysis and its Integration with Proteomics for Study of Platelet-Associated Disorders 231-251

3 Mass-Spectrometry-Based Proteomics: General Overview and Posttranslational Modification Analysis in the Context of Platelet Research 27-65

2 Serial Analysis of Gene Expression (SAGE) for Studying the Platelet and Megakaryocyte Transcriptome 207-229

1 Inhibition of Src but not Syk causes weak reversal of GPVI-mediated platelet aggregation measured by light transmission aggregometry.. *Platelets*, **2022**, 1-8

3.6