

# Pablo Fuentes-Prior

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5562927/publications.pdf>

Version: 2024-02-01

54  
papers

3,794  
citations

136950

32  
h-index

175258

52  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oleic acid is an endogenous ligand of TLX/NR2E1 that triggers hippocampal neurogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2023784119.	7.1	30
2	Priming of SARS-CoV-2 S protein by several membrane-bound serine proteinases could explain enhanced viral infectivity and systemic COVID-19 infection. Journal of Biological Chemistry, 2021, 296, 100135.	3.4	63
3	Beyond copy number: A new, rapid, and versatile method for sequencing the entire <i>SMN2</i> gene in SMA patients. Human Mutation, 2021, 42, 787-795.	2.5	23
4	Practical guidelines to manage discordant situations of <i>SMN2</i> copy number in patients with spinal muscular atrophy. Neurology: Genetics, 2020, 6, e530.	1.9	32
5	TET2 missense variants in human neoplasia. A proposal of structural and functional classification. Molecular Genetics & Genomic Medicine, 2019, 7, e00772.	1.2	9
6	Diversity of Quaternary Structures Regulates Nuclear Receptor Activities. Trends in Biochemical Sciences, 2019, 44, 2-6.	7.5	13
7	Non-canonical dimerization of the androgen receptor and other nuclear receptors: implications for human disease. Endocrine-Related Cancer, 2019, 26, R479-R497.	3.1	19
8	Correlation between SMA type and <i>SMN2</i> copy number revisited: An analysis of 625 unrelated Spanish patients and a compilation of 2834 reported cases. Neuromuscular Disorders, 2018, 28, 208-215.	0.6	273
9	A rare <i>STAP1</i> mutation incompletely associated with familial hypercholesterolemia. Clinica Chimica Acta, 2018, 487, 270-274.	1.1	19
10	C-Reactive Protein as a Therapeutic Target in Age-Related Macular Degeneration. Frontiers in Immunology, 2018, 9, 808.	4.8	42
11	Utility of two <i>SMN1</i> variants to improve spinal muscular atrophy carrier diagnosis and genetic counselling. European Journal of Human Genetics, 2018, 26, 1554-1557.	2.8	28
12	Metazoan evolution of glutamate receptors reveals unreported phylogenetic groups and divergent lineage-specific events. ELife, 2018, 7, .	6.0	53
13	Structure of the homodimeric androgen receptor ligand-binding domain. Nature Communications, 2017, 8, 14388.	12.8	131
14	Producción heteróloga y caracterización bioquímica del procoagulante humano Factor VIII para ensayos de cristalización de macromoléculas proteicas. Tecnología En Marcha, 2016, 29, 78.	0.1	0
15	K Domain CR9 of Low Density Lipoprotein (LDL) Receptor-related Protein 1 (LRP1) Is Critical for Aggregated LDL-induced Foam Cell Formation from Human Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2015, 290, 14852-14865.	3.4	48
16	A novel gain-of-function <i>STAT1</i> mutation resulting in basal phosphorylation of <i>STAT1</i> and increased distal IFN- $\gamma$ -mediated responses in chronic mucocutaneous candidiasis. Molecular Immunology, 2015, 68, 597-605.	2.2	21
17	Structural and functional analysis of <i>APOA5</i> mutations identified in patients with severe hypertriglyceridemia. Journal of Lipid Research, 2013, 54, 649-661.	4.2	34
18	Rare Variants in Calcium Homeostasis Modulator 1 ( <i>CALHM1</i> ) Found in Early Onset Alzheimer's Disease Patients Alter Calcium Homeostasis. PLoS ONE, 2013, 8, e74203.	2.5	26

#	ARTICLE	IF	CITATIONS
19	Unique thrombin inhibition mechanism by anophelin, an anticoagulant from the malaria vector. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3649-58.	7.1	49
20	In vivo detection of Staphylococcus aureus endocarditis by targeting pathogen-specific prothrombin activation. Nature Medicine, 2011, 17, 1142-1146.	30.7	144
21	Structural basis of thrombin-mediated factor V activation: the Glu666-Glu672 sequence is critical for processing at the heavy chain-B domain junction. Blood, 2011, 117, 7164-7173.	1.4	14
22	Clinical and genetic findings in five female patients with haemophilia A: Identification of a novel missense mutation, p.Phe2127Ser. Thrombosis and Haemostasis, 2010, 104, 718-723.	3.4	15
23	Leech-Derived Thrombin Inhibitors: From Structures to Mechanisms to Clinical Applications. Journal of Medicinal Chemistry, 2010, 53, 3847-3861.	6.4	51
24	Plasminogen Substrate Recognition by the Streptokinase-Plasminogen Catalytic Complex Is Facilitated by Arg253, Lys256, and Lys257 in the Streptokinase I <sup>2</sup> -Domain and Kringle 5 of the Substrate. Journal of Biological Chemistry, 2009, 284, 19511-19521.	3.4	27
25	Potent Phagocytic Activity with Impaired Antigen Presentation Identifying Lipopolysaccharide-Tolerant Human Monocytes: Demonstration in Isolated Monocytes from Cystic Fibrosis Patients. Journal of Immunology, 2009, 182, 6494-6507.	0.8	193
26	Mutation update of spinal muscular atrophy in Spain: molecular characterization of 745 unrelated patients and identification of four novel mutations in the SMN1 gene. Human Genetics, 2009, 125, 29-39.	3.8	139
27	Contribution of globular death domains and unstructured linkers to MyD88-IRAK-4 heterodimer formation: An explanation for the antagonistic activity of MyD88s. Biochemical and Biophysical Research Communications, 2009, 380, 183-187.	2.1	18
28	Tick-derived Kunitz-type inhibitors as antihemostatic factors. Insect Biochemistry and Molecular Biology, 2009, 39, 579-595.	2.7	86
29	Identification of 31 novel mutations in the F8 gene in Spanish hemophilia A patients: structural analysis of 20 missense mutations suggests new intermolecular binding sites. Blood, 2008, 111, 3468-3478.	1.4	16
30	Monocytes from Cystic Fibrosis Patients Are Locked in an LPS Tolerance State: Down-Regulation of TREM-1 as Putative Underlying Mechanism. PLoS ONE, 2008, 3, e2667.	2.5	76
31	Isolation, Cloning and Structural Characterisation of Boophilin, a Multifunctional Kunitz-Type Proteinase Inhibitor from the Cattle Tick. PLoS ONE, 2008, 3, e1624.	2.5	103
32	Confirmation of inherited protein S deficiency by PROS1 mutational screening: Identification of three novel PROS1 mutations and haplotype analysis of p.Q279X recurrence. Thrombosis and Haemostasis, 2008, 100, 721-4.	3.4	0
33	Metalloproteinases Shed TREM-1 Ectodomain from Lipopolysaccharide-Stimulated Human Monocytes. Journal of Immunology, 2007, 179, 4065-4073.	0.8	176
34	6-Methylprednisolone down-regulates IRAK-M in human and murine osteoclasts and boosts bone-resorbing activity: a putative mechanism for corticoid-induced osteoporosis. Journal of Leukocyte Biology, 2007, 82, 700-709.	3.3	22
35	Inflammatory responses associated with acute coronary syndrome up-regulate IRAK-M and induce endotoxin tolerance in circulating monocytes. Journal of Endotoxin Research, 2007, 13, 39-52.	2.5	55
36	Position-dependent expression of GADD45 in rat brain tumours. Medical Oncology, 2007, 24, 436-444.	2.5	3

#	ARTICLE	IF	CITATIONS
37	Molecular basis of protein S deficiency. <i>Thrombosis and Haemostasis</i> , 2007, 98, 543-56.	3.4	48
38	Pathophysiology of interleukin-1 receptor-associated kinase-M: implications in refractory state. <i>Current Opinion in Infectious Diseases</i> , 2006, 19, 237-244.	3.1	26
39	Novel Fluorescent Prothrombin Analogs as Probes of Staphylocoagulase-Prothrombin Interactions. <i>Journal of Biological Chemistry</i> , 2006, 281, 1169-1178.	3.4	33
40	Structural Basis for Reduced Staphylocoagulase-mediated Bovine Prothrombin Activation. <i>Journal of Biological Chemistry</i> , 2006, 281, 1188-1195.	3.4	19
41	Fibrinogen Substrate Recognition by Staphylocoagulase-(Pro)thrombin Complexes. <i>Journal of Biological Chemistry</i> , 2006, 281, 1179-1187.	3.4	56
42	Tumor Cells Deactivate Human Monocytes by Up-Regulating IL-1 Receptor Associated Kinase-M Expression via CD44 and TLR4. <i>Journal of Immunology</i> , 2005, 174, 3032-3040.	0.8	125
43	The factor V C1 domain is involved in membrane binding: identification of functionally important amino acid residues within the C1 domain of factor V using alanine scanning mutagenesis. <i>Thrombosis and Haemostasis</i> , 2004, 91, 16-27.	3.4	43
44	Exploring the Collagen-binding Site of the DDR1 Tyrosine Kinase Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 31462-31470.	3.4	61
45	Staphylocoagulase is a prototype for the mechanism of cofactor-induced zymogen activation. <i>Nature</i> , 2003, 425, 535-539.	27.8	234
46	Subcellular Localization and in Vivo Subunit Interactions of Ubiquitous $\gamma$ -Calpain. <i>Journal of Biological Chemistry</i> , 2003, 278, 16336-16346.	3.4	60
47	The 2.2-Å... Crystal Structure of Human Pro-granzyme K Reveals a Rigid Zymogen with Unusual Features. <i>Journal of Biological Chemistry</i> , 2002, 277, 50923-50933.	3.4	55
48	Ionomycin-activated Calpain Triggers Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 27217-27226.	3.4	183
49	Catalytic Domain Structures of MT-SP1/Matriptase, a Matrix-degrading Transmembrane Serine Proteinase. <i>Journal of Biological Chemistry</i> , 2002, 277, 2160-2168.	3.4	105
50	New Insights into Binding Interfaces of Coagulation Factors V and VIII and their Homologues - Lessons from High Resolution Crystal Structures. <i>Current Protein and Peptide Science</i> , 2002, 3, 313-339.	1.4	66
51	The 1.4 Å... Crystal Structure of Kumamolysin. <i>Structure</i> , 2002, 10, 865-876.	3.3	51
52	Structural basis for the anticoagulant activity of the thrombin-thrombomodulin complex. <i>Nature</i> , 2000, 404, 518-525.	27.8	304
53	Crystal structures of the membrane-binding C2 domain of human coagulation factor V. <i>Nature</i> , 1999, 402, 434-439.	27.8	258
54	Mutagenesis dirigida del conector interdominio Ácido FVIIIa3 del factor VIII de la coagulación como estrategia para favorecer la cristalización de sus complejos con la trombina. <i>Tecnología En Marcha</i> , 0,	0.1	0