

# Julian Pardo

## List of Publications by Year in descending order

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116  
papers

9,890  
citations

101543

36  
h-index

38395

95  
g-index

125  
all docs

125  
docs citations

125  
times ranked

20978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	How Do Cytotoxic Lymphocytes Kill Cancer Cells?. <i>Clinical Cancer Research</i> , 2015, 21, 5047-5056.	7.0	522
3	Dissecting the Molecular Mechanism of Apoptosis during Photothermal Therapy Using Gold Nanoprisms. <i>ACS Nano</i> , 2015, 9, 52-61.	14.6	336
4	Human and Mouse Granzyme A Induce a Proinflammatory Cytokine Response. <i>Immunity</i> , 2008, 29, 720-733.	14.8	260
5	Gliotoxin Is a Virulence Factor of <i>Aspergillus fumigatus</i> : gliP Deletion Attenuates Virulence in Mice Immunosuppressed with Hydrocortisone. <i>Eukaryotic Cell</i> , 2007, 6, 1562-1569.	3.4	225
6	Effect of Surface Chemistry and Associated Protein Corona on the Long-Term Biodegradation of Iron Oxide Nanoparticles In Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4548-4560.	8.0	123
7	The Influence of Lung Microbiota on Lung Carcinogenesis, Immunity, and Immunotherapy. <i>Trends in Cancer</i> , 2020, 6, 86-97.	7.4	123
8	Apoptotic pathways are selectively activated by granzyme A and/or granzyme B in CTL-mediated target cell lysis. <i>Journal of Cell Biology</i> , 2004, 167, 457-468.	5.2	121
9	Granzyme B is expressed in mouse mast cells in vivo and in vitro and causes delayed cell death independent of perforin. <i>Cell Death and Differentiation</i> , 2007, 14, 1768-1779.	11.2	118
10	ESX-1-induced apoptosis is involved in cell-to-cell spread of <i>Mycobacterium tuberculosis</i> . <i>Cellular Microbiology</i> , 2013, 15, 1994-2005.	2.1	116
11	Granzymes are essential for natural killer cell-mediated and perf-facilitated tumor control. <i>European Journal of Immunology</i> , 2002, 32, 2881-2886.	2.9	112
12	Role of <i>laeA</i> in the Regulation of <i>alb1</i> , <i>gliP</i> , Conidial Morphology, and Virulence in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2007, 6, 1552-1561.	3.4	104
13	A Role of the Mitochondrial Apoptosis-Inducing Factor in Granulysin-Induced Apoptosis. <i>Journal of Immunology</i> , 2001, 167, 1222-1229.	0.8	103
14	Mouse granzyme K has pro-inflammatory potential. <i>Cell Death and Differentiation</i> , 2011, 18, 1112-1119.	11.2	99
15	The mitochondrial protein Bak is pivotal for gliotoxin-induced apoptosis and a critical host factor of <i>Aspergillus fumigatus</i> virulence in mice. <i>Journal of Cell Biology</i> , 2006, 174, 509-519.	5.2	98
16	Development and characterization of a microfluidic model of the tumour microenvironment. <i>Scientific Reports</i> , 2016, 6, 36086.	3.3	95
17	The biology of cytotoxic cell granule exocytosis pathway: granzymes have evolved to induce cell death and inflammation. <i>Microbes and Infection</i> , 2009, 11, 452-459.	1.9	92
18	Acid sphingomyelinase is a key regulator of cytotoxic granule secretion by primary T lymphocytes. <i>Nature Immunology</i> , 2009, 10, 761-768.	14.5	89

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19	Inhibition of autophagy with chloroquine potentiates carfilzomib-induced apoptosis in myeloma cells in vitro and in vivo. <i>Cancer Letters</i> , 2016, 382, 1-10.	7.2	74
20	Granzyme B-induced cell death exerted by ex vivo CTL: discriminating requirements for cell death and some of its signs. <i>Cell Death and Differentiation</i> , 2008, 15, 567-579.	11.2	70
21	Liposomes Decorated with Apo2L/TRAIL Overcome Chemoresistance of Human Hematologic Tumor Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 893-904.	4.6	70
22	Granule-associated serine proteases: granzymes might not just be killer proteases. <i>Trends in Immunology</i> , 2009, 30, 117-123.	6.8	68
23	Perforin oligomers form arcs in cellular membranes: a locus for intracellular delivery of granzymes. <i>Cell Death and Differentiation</i> , 2015, 22, 74-85.	11.2	67
24	The Untold Story of Granzymes in Oncoimmunology: Novel Opportunities with Old Acquaintances. <i>Trends in Cancer</i> , 2017, 3, 407-422.	7.4	64
25	Lung metastases share common immune features regardless of primary tumor origin. , 2020, 8, e000491.		63
26	Oxidative Phosphorylation Induces De Novo Expression of the MHC Class I in Tumor Cells through the ERK5 Pathway. <i>Journal of Immunology</i> , 2010, 185, 3498-3503.	0.8	58
27	Elucidating Sources and Roles of Granzymes A and B during Bacterial Infection and Sepsis. <i>Cell Reports</i> , 2014, 8, 420-429.	6.4	58
28	The differential contribution of granzyme A and granzyme B in cytotoxic T lymphocyte-mediated apoptosis is determined by the quality of target cells. <i>European Journal of Immunology</i> , 2002, 32, 1980.	2.9	52
29	MHC-I modulation due to changes in tumor cell metabolism regulates tumor sensitivity to CTL and NK cells. <i>Oncoimmunology</i> , 2015, 4, e985924.	4.6	48
30	Expansion of allogeneic NK cells with efficient antibody-dependent cell cytotoxicity against multiple tumors. <i>Theranostics</i> , 2018, 8, 3856-3869.	10.0	48
31	Recalling the Biological Significance of Immune Checkpoints on NK Cells: A Chance to Overcome LAG3, PD1, and CTLA4 Inhibitory Pathways by Adoptive NK Cell Transfer?. <i>Frontiers in Immunology</i> , 2019, 10, 3010.	4.8	48
32	Cell death induced by cytotoxic CD8 <sup>+</sup> T cells is immunogenic and primes caspase-3-dependent spread immunity against endogenous tumor antigens. , 2020, 8, e000528.		46
33	Bis(methyl)gliotoxin proves to be a more stable and reliable marker for invasive aspergillosis than gliotoxin and suitable for use in diagnosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 57-64.	1.8	45
34	Perforin Rapidly Induces Plasma Membrane Phospholipid Flip-Flop. <i>PLoS ONE</i> , 2011, 6, e24286.	2.5	45
35	Antitumor Immunotherapeutic and Toxic Properties of an HDL-Conjugated Chimeric IL-15 Fusion Protein. <i>Cancer Research</i> , 2013, 73, 139-149.	0.9	44
36	CD56 <sup>+</sup> /CD16 <sup>+</sup> Natural Killer cells expressing the inflammatory protease granzyme A are enriched in synovial fluid from patients with osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1708-1718.	1.3	43

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37	ESX-1-induced apoptosis during mycobacterial infection: to be or not to be, that is the question. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 88.	3.9	42
38	Bim is a crucial regulator of apoptosis induced by <i>Mycobacterium tuberculosis</i> . <i>Cell Death and Disease</i> , 2014, 5, e1343-e1343.	6.3	41
39	In Vitro Fungicidal Photodynamic Effect of Hypericin on <i>Trichophyton</i> spp. <i>Mycopathologia</i> , 2014, 178, 221-225.	3.1	39
40	Down-regulation of normal human T cell blast activation: roles of APO2L/TRAIL, FasL, and c-FLIP, Bim, or Bcl-x isoform expression. <i>Journal of Leukocyte Biology</i> , 2005, 77, 568-578.	3.3	37
41	All-trans retinoic acid (ATRA) induces miR-23a expression, decreases CTSC expression and granzyme B activity leading to impaired NK cell cytotoxicity. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 49, 42-52.	2.8	37
42	Activated human primary NK cells efficiently kill colorectal cancer cells in 3D spheroid cultures irrespectively of the level of PD-L1 expression. <i>Oncolmmunology</i> , 2018, 7, e1395123.	4.6	37
43	Human NK cells activated by EBV <sup>+</sup> lymphoblastoid cells overcome anti-apoptotic mechanisms of drug resistance in haematological cancer cells. <i>Oncolmmunology</i> , 2015, 4, e991613.	4.6	36
44	Extracellular Granzyme A Promotes Colorectal Cancer Development by Enhancing Gut Inflammation. <i>Cell Reports</i> , 2020, 32, 107847.	6.4	34
45	Protein Kinase C- $\zeta$ Is Required for NK Cell Activation and In Vivo Control of Tumor Progression. <i>Journal of Immunology</i> , 2009, 182, 1972-1981.	0.8	33
46	The New Strains <i>Brucella inopinata</i> BO1 and <i>Brucella</i> Species 83-210 Behave Biologically Like Classic Infectious <i>Brucella</i> Species and Cause Death in Murine Models of Infection. <i>Journal of Infectious Diseases</i> , 2014, 210, 467-472.	4.0	32
47	Granzyme A Is Required for Regulatory T-Cell Mediated Prevention of Gastrointestinal Graft-versus-Host Disease. <i>PLoS ONE</i> , 2015, 10, e0124927.	2.5	32
48	Attenuated <i>Mycobacterium tuberculosis</i> SO2 Vaccine Candidate Is Unable to Induce Cell Death. <i>PLoS ONE</i> , 2012, 7, e45213.	2.5	32
49	Protein Kinase C- $\zeta$ (PKC- $\zeta$ ) in Natural Killer Cell Function and Anti-Tumor Immunity. <i>Frontiers in Immunology</i> , 2012, 3, 187.	4.8	31
50	Granzyme A Contributes to Inflammatory Arthritis in Mice Through Stimulation of Osteoclastogenesis. <i>Arthritis and Rheumatology</i> , 2017, 69, 320-334.	5.6	31
51	The Multifaceted Function of Granzymes in Sepsis: Some Facts and a Lot to Discover. <i>Frontiers in Immunology</i> , 2020, 11, 1054.	4.8	30
52	Differential implication of protein kinase C isoforms in cytotoxic T lymphocyte degranulation and TCR-induced Fas ligand expression. <i>International Immunology</i> , 2003, 15, 1441-1450.	4.0	29
53	Granulysin induces apoptotic cell death and cleavage of the autophagy regulator Atg5 in human hematological tumors. <i>Biochemical Pharmacology</i> , 2014, 87, 410-423.	4.4	29
54	Intestinal Serotonin Transporter Inhibition by Toll-Like Receptor 2 Activation. A Feedback Modulation. <i>PLoS ONE</i> , 2016, 11, e0169303.	2.5	29

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55	Clinical validity of bis(methylthio)gliotoxin for the diagnosis of invasive aspergillosis. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2327-2334.	3.6	28
56	Quiescent and activated mouse granulocytes do not express granzyme A and B or perforin: similarities or differences with human polymorphonuclear leukocytes?. <i>Blood</i> , 2005, 106, 2871-2878.	1.4	27
57	Human CD8+ T $\alpha$ cell blasts are more sensitive than CD4+ T $\alpha$ cell blasts to regulation by APO2L/TRAIL. <i>European Journal of Immunology</i> , 2005, 35, 1812-1821.	2.9	27
58	Essential complicity of perforin-granzyme and FAS-L mechanisms to achieve tumor rejection following treatment with anti-CD137 mAb. , 2013, 1, 3.		27
59	Identification of an ASC oligomerization inhibitor for the treatment of inflammatory diseases. <i>Cell Death and Disease</i> , 2021, 12, 1155.	6.3	27
60	Berberine: A Fluorescent Alkaloid with a Variety of Applications from Medicine to Chemistry. <i>Mini-Reviews in Organic Chemistry</i> , 2010, 7, 335-340.	1.3	26
61	Activated Allogeneic NK Cells Preferentially Kill Poor Prognosis B-Cell Chronic Lymphocytic Leukemia Cells. <i>Frontiers in Immunology</i> , 2016, 7, 454.	4.8	26
62	Gut microbiota and systemic inflammation changes after bread consumption: The ingredients and the processing influence. <i>Journal of Functional Foods</i> , 2017, 32, 98-105.	3.4	23
63	All About (NK Cell-Mediated) Death in Two Acts and an Unexpected Encore: Initiation, Execution and Activation of Adaptive Immunity. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	23
64	Toll-like receptors 2 and 4 modulate the contractile response induced by serotonin in mouse ileum: analysis of the serotonin receptors involved. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1258-1266.	3.0	22
65	Toll-like receptors 2 and 4 modulate intestinal IL-10 differently in ileum and colon. <i>United European Gastroenterology Journal</i> , 2018, 6, 446-453.	3.8	22
66	Perforin and Granzyme B Expressed by Murine Myeloid-Derived Suppressor Cells: A Study on Their Role in Outgrowth of Cancer Cells. <i>Cancers</i> , 2019, 11, 808.	3.7	22
67	Granzyme B of cytotoxic T cells induces extramitochondrial reactive oxygen species production via caspase $\alpha$ -dependent NADPH oxidase activation. <i>Immunology and Cell Biology</i> , 2010, 88, 545-554.	2.3	21
68	Course of Infection with the Emergent Pathogen <i>Brucella microti</i> in Immunocompromised Mice. <i>Infection and Immunity</i> , 2011, 79, 3934-3939.	2.2	21
69	Mouse Cytotoxic T Cell-derived Granzyme B Activates the Mitochondrial Cell Death Pathway in a Bim-dependent Fashion. <i>Journal of Biological Chemistry</i> , 2015, 290, 6868-6877.	3.4	21
70	Two death pathways induced by sorafenib in myeloma cells: Puma-mediated apoptosis and necroptosis. <i>Clinical and Translational Oncology</i> , 2015, 17, 121-132.	2.4	21
71	Granzyme A inhibition reduces inflammation and increases survival during abdominal sepsis. <i>Theranostics</i> , 2021, 11, 3781-3795.	10.0	21
72	MAGUKs, scaffolding proteins at cell junctions, are substrates of different proteases during apoptosis. <i>Cell Death and Disease</i> , 2011, 2, e116-e116.	6.3	18

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73	Granzyme B-induced and Caspase 3-dependent Cleavage of Gelsolin by Mouse Cytotoxic T Cells Modifies Cytoskeleton Dynamics. <i>Journal of Biological Chemistry</i> , 2010, 285, 18918-18927.	3.4	17
74	Multiparametric analysis of anti-proliferative and apoptotic effects of gold nanoprisms on mouse and human primary and transformed cells, biodistribution and toxicity in vivo. <i>Particle and Fibre Toxicology</i> , 2017, 14, 41.	6.2	17
75	Inflammatory cell death induced by cytotoxic lymphocytes: a dangerous but necessary liaison. <i>FEBS Journal</i> , 2022, 289, 4398-4415.	4.7	17
76	Cytotoxicity of quinone drugs on highly proliferative human leukemia T cells: Reactive oxygen species generation and inactive shortened SOD1 isoform implications. <i>Chemico-Biological Interactions</i> , 2012, 198, 18-28.	4.0	16
77	Blinking effect and the use of quantum dots in single molecule spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 260-264.	2.1	15
78	Antigen-specific primed cytotoxic T cells eliminate tumour cells in vivo and prevent tumour development, regardless of the presence of anti-apoptotic mutations conferring drug resistance. <i>Cell Death and Differentiation</i> , 2018, 25, 1536-1548.	11.2	15
79	FRET Based Quantification and Screening Technology Platform for the Interactions of Leukocyte Function-Associated Antigen-1 (LFA-1) with InterCellular Adhesion Molecule-1 (ICAM-1). <i>PLoS ONE</i> , 2014, 9, e102572.	2.5	15
80	Protein oligomerization mediated by the transmembrane carboxyl terminal domain of Bcl-XL. <i>FEBS Letters</i> , 2011, 585, 2935-2942.	2.8	14
81	Secretory lysosomes of mouse mast cells store and exocytose active caspase-3 in a strictly granzyme B dependent manner. <i>European Journal of Immunology</i> , 2013, 43, 3209-3218.	2.9	14
82	Epitope spreading driven by the joint action of CART cells and pharmacological STING stimulation counteracts tumor escape via antigen-loss variants. , 2021, 9, e003351.		14
83	Saturated free fatty acid release and intracellular ceramide generation during apoptosis induction are closely related processes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1634, 40-51.	2.4	13
84	Caspase-Dependent Inhibition of Mousepox Replication by gzmB. <i>PLoS ONE</i> , 2009, 4, e7512.	2.5	13
85	Toll-like receptors 2 and 4 exert opposite effects on the contractile response induced by serotonin in mouse colon: role of serotonin receptors. <i>Experimental Physiology</i> , 2016, 101, 1064-1074.	2.0	13
86	Immunoproteomic identification and characterization of Ni <sup>2+</sup> -regulated proteins implicates Ni <sup>2+</sup> in the induction of monocyte cell death. <i>Cell Death and Disease</i> , 2017, 8, e2684-e2684.	6.3	13
87	Nanotechnology in Drug Discovery and Development. , 2017, , 264-295.		12
88	In Vitro and In Vivo Antibacterial Activity of Gliotoxin Alone and in Combination with Antibiotics against <i>Staphylococcus aureus</i> . <i>Toxins</i> , 2021, 13, 85.	3.4	12
89	Marine Mammal <i>Brucella</i> Reference Strains Are Attenuated in a BALB/c Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0150432.	2.5	11
90	A Functional Analysis on the Interspecies Interaction between Mouse LFA-1 and Human Intercellular Adhesion Molecule-1 at the Cell Level. <i>Frontiers in Immunology</i> , 2017, 8, 1817.	4.8	11

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91	Integrated analysis of circulating immune cellular and soluble mediators reveals specific COVID19 signatures at hospital admission with utility for prediction of clinical outcomes. <i>Theranostics</i> , 2022, 12, 290-306.	10.0	11
92	Granzyme A is a proinflammatory protease. <i>Blood</i> , 2009, 114, 3968-3968.	1.4	10
93	IFN $\gamma$ signaling through PKC- $\delta$ is essential for antitumor NK cell function. <i>Oncolmunology</i> , 2014, 3, e948705.	4.6	10
94	Toll-Like Receptors 2 and 4 Cooperate in the Control of the Emerging Pathogen <i>Brucella microti</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 6, 205.	3.9	10
95	Production of the Invasive Aspergillosis Biomarker Bis(methylthio)gliotoxin Within the Genus <i>Aspergillus</i> : In Vitro and in Vivo Metabolite Quantification and Genomic Analysis. <i>Frontiers in Microbiology</i> , 2018, 9, 1246.	3.5	10
96	Granzyme A Is Expressed in Mouse Lungs during <i>Mycobacterium tuberculosis</i> Infection but Does Not Contribute to Protection In Vivo. <i>PLoS ONE</i> , 2016, 11, e0153028.	2.5	10
97	Granzyme A $\alpha$ -producing T helper cells are critical for acute graft-versus-host disease. <i>JCI Insight</i> , 2020, 5, .	5.0	9
98	Herpesvirus saimiri-transformed CD8 $^{+}$ T cells as a tool to study Chediak-Higashi syndrome cytolytic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2005, 77, 661-668.	3.3	7
99	Biological relevance of Granzymes A and K during <i>E. coli</i> sepsis. <i>Theranostics</i> , 2021, 11, 9873-9883.	10.0	7
100	Adoptive NK Cell Transfer as a Treatment in Colorectal Cancer Patients: Analyses of Tumour Cell Determinants Correlating With Efficacy In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	7
101	Recombinant production of human ICAM-1 chimeras by single step on column refolding and purification. <i>Process Biochemistry</i> , 2013, 48, 708-715.	3.7	6
102	Pharmacological/Biological Effects of Berberine. , 2013, , 1301-1329.		6
103	The effect of acidic pH on the inhibitory efficacy of peptides against the interaction ICAM-1/LFA-1 studied by surface plasmon resonance (SPR). <i>Biosensors and Bioelectronics</i> , 2014, 56, 159-166.	10.1	6
104	Characterization of the lipolytic pathways that mediate free fatty acid release during Fas/CD95-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 1369-1381.	4.9	5
105	Serine Protease Inhibition Attenuates rIL-12-Induced GZMA Activity and Proinflammatory Events by Modulating the Th2 Profile From Estrogen-Treated Mice. <i>Endocrinology</i> , 2014, 155, 2909-2923.	2.8	5
106	Disseminated aspergillosis in an immunocompetent patient with detectable bis(methylthio)gliotoxin and negative galactomannan. <i>Revista Iberoamericana De Micología</i> , 2017, 34, 49-52.	0.9	5
107	PD-1 is expressed in cytotoxic granules of NK cells and rapidly mobilized to the cell membrane following recognition of tumor cells. <i>Oncolmunology</i> , 2022, 11, .	4.6	5
108	Quantum dot bioconjugates: emerging tools with great potential to study protein interactions and dynamics by FRET. <i>International Journal of Biomedical Nanoscience and Nanotechnology</i> , 2011, 2, 55.	0.1	4

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109	Intracellular Delivery of Biologically-Active Fungal Metabolite Gliotoxin Using Magnetic Nanoparticles. <i>Materials</i> , 2019, 12, 1092.	2.9	4
110	Novel intravesical bacterial immunotherapy induces rejection of BCG-unresponsive established bladder tumors. , 2022, 10, e004325.		4
111	Noncytotoxic Roles of Granzymes in Health and Disease. <i>Physiology</i> , 2022, 37, 323-348.	3.1	3
112	TRAIL and Cancer Immunotherapy: Take a Walk on the Short Side. <i>Clinical Cancer Research</i> , 2020, 26, 5546-5548.	7.0	2
113	Granzymes are essential for natural killer cell-mediated and perf-facilitated tumor control. , 2002, 32, 2881.		2
114	Integration of In Silico and In Vitro Analysis of Gliotoxin Production Reveals a Narrow Range of Producing Fungal Species. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 361.	3.5	2
115	The differential contribution of granzyme A and granzyme B in cytotoxic T lymphocyte-mediated apoptosis is determined by the quality of target cells. , 2002, 32, 1980.		1
116	GZMA (granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2012, , .	0.1	0