

Alvaro Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

3,190
citations

172457

29
h-index

155660

55
g-index

67
all docs

67
docs citations

67
times ranked

5578
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple immunoassay for extracellular vesicle liquid biopsy in microliters of non-processed plasma. <i>Journal of Nanobiotechnology</i> , 2022, 20, 72.	9.1	6
2	Stratification of radiosensitive brain metastases based on an actionable S100A9/RAGE resistance mechanism. <i>Nature Medicine</i> , 2022, 28, 752-765.	30.7	30
3	Impact of ultra-low temperature long-term storage on the preanalytical variability of twenty-one common biochemical analytes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 1003-1010.	2.3	4
4	Characterization of the perioperative changes of exosomal immune-related cytokines induced by prostatectomy in early-stage prostate cancer patients. <i>Cytokine</i> , 2021, 141, 155471.	3.2	6
5	A model based on the quantification of complement C4c, CYFRA 21-1 and CRP exhibits high specificity for the early diagnosis of lung cancer. <i>Translational Research</i> , 2021, 233, 77-91.	5.0	15
6	Exosomes in Lung Cancer: Actors and Heralds of Tumor Development. <i>Cancers</i> , 2021, 13, 4330.	3.7	13
7	Short-term starvation reduces IGF-1 levels to sensitize lung tumors to PD-1 immune checkpoint blockade. <i>Nature Cancer</i> , 2020, 1, 75-85.	13.2	68
8	Performance comparison of two next-generation sequencing panels to detect actionable mutations in cell-free DNA in cancer patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1341-1348.	2.3	7
9	Utility of recombinant human TSH stimulation test in the follow-up of patients with differentiated thyroid cancer depending on basal thyroglobulin results. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2020, 1, .	0.2	0
10	Lactose tolerance test as an alternative to hydrogen breath test in the study of lactose malabsorption. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2020, 1, .	0.2	2
11	Comparison of six commercial serum exosome isolation methods suitable for clinical laboratories. Effect in cytokine analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1539-1545.	2.3	74
12	The Dynamic Use of <i>EGFR</i> Mutation Analysis in Cell-Free DNA as a Follow-Up Biomarker during Different Treatment Lines in Non-Small-Cell Lung Cancer Patients. <i>Disease Markers</i> , 2019, 2019, 1-7.	1.3	13
13	Liquid Biopsy: From Basic Research to Clinical Practice. <i>Advances in Clinical Chemistry</i> , 2018, 83, 73-119.	3.7	49
14	Genomic characterization of individuals presenting extreme phenotypes of high and low risk to develop tobacco-induced lung cancer. <i>Cancer Medicine</i> , 2018, 7, 3474-3483.	2.8	11
15	Interleukin-8 in cancer pathogenesis, treatment and follow-up. <i>Cancer Treatment Reviews</i> , 2017, 60, 24-31.	7.7	262
16	Liquid Biopsies in Malignant Melanoma: From Bench to Bedside. <i>Current Clinical Pathology</i> , 2017, , 161-193.	0.0	0
17	Total and mutated EGFR quantification in cell-free DNA from non-small cell lung cancer patients detects tumor heterogeneity and presents prognostic value. <i>Tumor Biology</i> , 2016, 37, 13687-13694.	1.8	37
18	Circulating melanoma exosomes as diagnostic and prognosis biomarkers. <i>Clinica Chimica Acta</i> , 2016, 454, 28-32.	1.1	134

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19	Are we ready to introduce T790M plasma analysis in the follow up of patients with NSCLC under treatment with EGFR-TKI?. <i>Annals of Translational Medicine</i> , 2016, 4, 504-504.	1.7	1
20	BRAF mutation analysis in circulating free tumor DNA of melanoma patients treated with BRAF inhibitors. <i>Melanoma Research</i> , 2015, 25, 486-495.	1.2	73
21	Circulating Biomarkers in Malignant Melanoma. <i>Advances in Clinical Chemistry</i> , 2015, 69, 47-89.	3.7	34
22	Quantitative Cell-Free Circulating BRAFV600E Mutation Analysis by Use of Droplet Digital PCR in the Follow-up of Patients with Melanoma Being Treated with BRAF Inhibitors. <i>Clinical Chemistry</i> , 2015, 61, 297-304.	3.2	221
23	Some Basic Aspects of HLA-G Biology. <i>Journal of Immunology Research</i> , 2014, 2014, 1-10.	2.2	79
24	Serum Interleukin-8 Reflects Tumor Burden and Treatment Response across Malignancies of Multiple Tissue Origins. <i>Clinical Cancer Research</i> , 2014, 20, 5697-5707.	7.0	200
25	A small noncoding RNA signature found in exosomes of GBM patient serum as a diagnostic tool. <i>Neuro-Oncology</i> , 2014, 16, 520-527.	1.2	298
26	Relevance of MIA and S100 serum tumor markers to monitor BRAF inhibitor therapy in metastatic melanoma patients. <i>Clinica Chimica Acta</i> , 2014, 429, 168-174.	1.1	20
27	Study of Circulating MicroRNA-125b Levels in Serum Exosomes in Advanced Melanoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 828-832.	2.5	117
28	Randomized phase II study with dendritic cell (DC) immunotherapy in patients with resected hepatic metastasis of colorectal carcinoma.. <i>Journal of Clinical Oncology</i> , 2014, 32, TPS3129-TPS3129.	1.6	0
29	Phase II study with immunotherapy with dendritic cells (DC) and intratumoral hiltonol in patients with advanced solid tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, TPS3113-TPS3113.	1.6	0
30	Serum interleukin-8 and its relationship to tumor burden and treatment response across malignancies of multiple tissue origins.. <i>Journal of Clinical Oncology</i> , 2014, 32, e22135-e22135.	1.6	0
31	In vivo identification of an HLA-G complex as ubiquitinated protein circulating in exosomes. <i>European Journal of Immunology</i> , 2013, 43, 1933-1939.	2.9	51
32	Abstract C41: BRAFV600 serum/plasma analysis: Predictive value of survival in melanoma treated with BRAF inhibitors.., 2013, , .		0
33	The immunosuppressive molecule HLA-G and its clinical implications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2012, 49, 63-84.	6.1	157
34	Carcinoma-Derived Interleukin-8 Disorients Dendritic Cell Migration Without Impairing T-Cell Stimulation. <i>PLoS ONE</i> , 2011, 6, e17922.	2.5	36
35	Dendritic Cells Take up and Present Antigens from Viable and Apoptotic Polymorphonuclear Leukocytes. <i>PLoS ONE</i> , 2011, 6, e29300.	2.5	27
36	Evaluation of multiple serum markers in advanced melanoma. <i>Tumor Biology</i> , 2011, 32, 1155-1161.	1.8	44

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37	Synergistic effects of CTLA-4 blockade with tremelimumab and elimination of regulatory T lymphocytes <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Cancer</i> , 2011, 129, 374-386.	5.1	16
38	Pilot Clinical Trial of Type 1 Dendritic Cells Loaded with Autologous Tumor Lysates Combined with GM-CSF, Pegylated IFN, and Cyclophosphamide for Metastatic Cancer Patients. <i>Journal of Immunology</i> , 2011, 187, 6130-6142.	0.8	59
39	Identification of Circulating Nonclassic Human Leukocyte Antigen G (HLA-G)-Like Molecules in Exudates. <i>Clinical Chemistry</i> , 2011, 57, 1013-1022.	3.2	20
40	Evaluation of HLA-G Plasmatic Levels During Pregnancy and Relationship with the 14bp Polymorphism. <i>American Journal of Reproductive Immunology</i> , 2010, 64, 367-374.	1.2	7
41	Membrane redistributions through multi-intercellular exchanges and serial trogocytosis. <i>Cell Research</i> , 2010, 20, 1239-1251.	12.0	20
42	Nitric oxide produces HLA-G nitration and induces metalloprotease-dependent shedding creating a tolerogenic milieu. <i>Immunology</i> , 2009, 126, 436-445.	4.4	32
43	Tyrosine nitration in the human leukocyte antigen-G binding domain of the Ig-like transcript 2 protein. <i>FEBS Journal</i> , 2009, 276, 4233-4243.	4.7	6
44	Detection of 3-nitrotyrosine-modified human leukocyte antigen-G in biological fluids. <i>Human Immunology</i> , 2009, 70, 976-980.	2.4	15
45	Effect of 3-hydroxyanthranilic acid in the immunosuppressive molecules indoleamine dioxygenase and HLA-G in macrophages. <i>Immunology Letters</i> , 2008, 117, 91-95.	2.5	16
46	Study of the plasmatic levels of tryptophan and kynurenine throughout pregnancy. <i>Clinica Chimica Acta</i> , 2008, 393, 132-133.	1.1	7
47	Immunosuppression Routed Via the Kynurenine Pathway: A Biochemical and Pathophysiologic Approach. <i>Advances in Clinical Chemistry</i> , 2008, 45, 155-197.	3.7	36
48	Immune regulation by pretenders: cell-to-cell transfers of HLA-G make effector T cells act as regulatory cells. <i>Blood</i> , 2007, 109, 2040-2048.	1.4	236
49	Maternal antigen presenting cells are a source of plasmatic HLA-G during pregnancy: Longitudinal study during pregnancy. <i>Human Immunology</i> , 2007, 68, 661-667.	2.4	62
50	Immunotherapy and immunoescape in colorectal cancer. <i>World Journal of Gastroenterology</i> , 2007, 13, 5822.	3.3	36
51	Regulatory role of tryptophan degradation pathway in HLA-G expression by human monocyte-derived dendritic cells. <i>Molecular Immunology</i> , 2006, 43, 2151-2160.	2.2	86
52	Bimodal effect of nitric oxide in the enzymatic activity of indoleamine 2,3-dioxygenase in human monocytic cells. <i>Immunology Letters</i> , 2006, 106, 163-171.	2.5	30
53	Low Surface Expression of B7-1 (CD80) Is an Immunoescape Mechanism of Colon Carcinoma. <i>Cancer Research</i> , 2006, 66, 2442-2450.	0.9	129
54	Tryptophan metabolites interfere with the Ehrlich reaction used for the measurement of kynurenine. <i>Analytical Biochemistry</i> , 2005, 339, 188-189.	2.4	32

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55	Indoleamine 2,3 dioxygenase and human leucocyte antigen-G inhibit the T-cell alloproliferative response through two independent pathways. <i>Immunology</i> , 2005, 116, 297-307.	4.4	37
56	Production of nitric oxide and self-nitration of proteins during monocyte differentiation to dendritic cells. <i>Journal of Physiology and Biochemistry</i> , 2005, 61, 517-525.	3.0	11
57	Does nitric oxide play a role in maternal tolerance towards the foetus?. <i>Journal of Physiology and Biochemistry</i> , 2004, 60, 227-238.	3.0	8
58	Effect of nitric oxide in the differentiation of human monocytes to dendritic cells. <i>Immunology Letters</i> , 2004, 93, 87-95.	2.5	20
59	Methodological Characterization of the 2-Keto [1-13C]isocaproate Breath Test to Measure in Vivo Human Mitochondrial Function: Application in Alcoholic Liver Disease Assessment. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 1293-1298.	2.4	15
60	In vivo assessment of the mitochondrial response to caloric restriction in obese women by the 2-keto[1-13C]isocaproate breath test. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 463-467.	3.4	18
61	Correlation between Profile of Circulating Mononuclear Cells and Clinical Manifestations in Patients with Pemphigus Vulgaris. <i>Autoimmunity</i> , 2000, 32, 115-128.	2.6	4
62	Characterisation with stable isotopes of the presence of a lag phase in the gastric emptying of liquids. <i>European Journal of Nutrition</i> , 2000, 39, 224-228.	3.9	29
63	Co-expression of inducible nitric oxide synthase and arginases in different human monocyte subsets. Apoptosis regulated by endogenous NO. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1451, 319-333.	4.1	37
64	Signaling Pathway Triggered by a Short Immunomodulating Peptide on Human Monocytes. <i>Archives of Biochemistry and Biophysics</i> , 1997, 338, 136-142.	3.0	20
65	Monocyte Inducible Nitric Oxide Synthase in Multiple Sclerosis: Regulatory Role of Nitric Oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 1997, 1, 95-104.	2.7	38
66	Inducible Nitric Oxide Synthase in Monocytes from Patients with Gravesâ€™ Disease. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 723-729.	2.1	19