

James N Arnold

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,646
citations

279798

23
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

7014
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune cell-antibody interactions in health and disease. <i>Clinical and Experimental Immunology</i> , 2022, 209, 1-3.	2.6	4
2	The Diverse Roles of Heme Oxygenase-1 in Tumor Progression. <i>Frontiers in Immunology</i> , 2021, 12, 658315.	4.8	72
3	Hypoxia-sensing CAR T cells provide safety and efficacy in treating solid tumors. <i>Cell Reports Medicine</i> , 2021, 2, 100227.	6.5	65
4	ImmunoCluster provides a computational framework for the nonspecialist to profile high-dimensional cytometry data. <i>ELife</i> , 2021, 10, .	6.0	11
5	Generation of hypoxia-sensing chimeric antigen receptor T cells. <i>STAR Protocols</i> , 2021, 2, 100723.	1.2	4
6	Macrophages orchestrate the expansion of a proangiogenic perivascular niche during cancer progression. <i>Science Advances</i> , 2021, 7, eabg9518.	10.3	32
7	Immunocluster: A Computational Tool to Explore the Immune Profile and Cellular Heterogeneity of Hematological Diseases Using Liquid and Imaging Mass, and Flow Cytometry Data. <i>Blood</i> , 2020, 136, 9-10.	1.4	1
8	Cytotoxic Chemotherapy as an Immune Stimulus: A Molecular Perspective on Turning Up the Immunological Heat on Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1654.	4.8	101
9	Repurposing Tin Mesoporphyrin as an Immune Checkpoint Inhibitor Shows Therapeutic Efficacy in Preclinical Models of Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 1617-1628.	7.0	44
10	Macrophages are exploited from an innate wound healing response to facilitate cancer metastasis. <i>Nature Communications</i> , 2018, 9, 2951.	12.8	81
11	Perspectives on Chimeric Antigen Receptor T-Cell Immunotherapy for Solid Tumors. <i>Frontiers in Immunology</i> , 2018, 9, 1104.	4.8	95
12	Detecting intratumoral heterogeneity of EGFR activity by liposome-based in vivo transfection of a fluorescent biosensor. <i>Oncogene</i> , 2017, 36, 3618-3628.	5.9	16
13	Tumoral Immune Suppression by Macrophages Expressing Fibroblast Activation Protein-1 and Heme Oxygenase-1. <i>Cancer Immunology Research</i> , 2014, 2, 121-126.	3.4	127
14	Purification, Quantification, and Functional Analysis of Complement Factor H. <i>Methods in Molecular Biology</i> , 2014, 1100, 207-223.	0.9	5
15	Novel Glycan Biomarkers for the Detection of Lung Cancer. <i>Journal of Proteome Research</i> , 2011, 10, 1755-1764.	3.7	181
16	Specific interaction of hepatitis C virus glycoproteins with mannan binding lectin inhibits virus entry. <i>Protein and Cell</i> , 2010, 1, 664-674.	11.0	52
17	Suppression of Antitumor Immunity by Stromal Cells Expressing Fibroblast Activation Protein-1. <i>Science</i> , 2010, 330, 827-830.	12.6	952
18	A Chemical Approach to Immunoprotein Engineering: Chemoselective Functionalization of Thioester Proteins in Their Native State. <i>ChemBioChem</i> , 2009, 10, 1340-1343.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Evaluation of the serum N-linked glycome for the diagnosis of cancer and chronic inflammation. <i>Proteomics</i> , 2008, 8, 3284-3293.	2.2	296
20	Human Follicular Lymphoma Cells Contain Oligomannose Glycans in the Antigen-binding Site of the B-cell Receptor. <i>Journal of Biological Chemistry</i> , 2007, 282, 7405-7415.	3.4	117
21	Ovarian Cancer is Associated with Changes in Glycosylation in Both Acute-Phase Proteins and IgG. <i>Glycobiology</i> , 2007, 17, 1344-1356.	2.5	369
22	The Impact of Glycosylation on the Biological Function and Structure of Human Immunoglobulins. <i>Annual Review of Immunology</i> , 2007, 25, 21-50.	21.8	1,180
23	Heterogeneity of MBL-MASP complexes. <i>Molecular Immunology</i> , 2006, 43, 1286-1292.	2.2	27
24	Increased complement classical and mannan-binding lectin pathway activities in schizophrenia. <i>Neuroscience Letters</i> , 2006, 404, 336-341.	2.1	62
25	Human complement factor I glycosylation: Structural and functional characterisation of the N-linked oligosaccharides. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1757-1766.	2.3	27
26	Mannan binding lectin and its interaction with immunoglobulins in health and in disease. <i>Immunology Letters</i> , 2006, 106, 103-110.	2.5	139
27	Carbohydrate-independent recognition of collagens by the macrophage mannose receptor. <i>European Journal of Immunology</i> , 2006, 36, 1074-1082.	2.9	130
28	Structural Model for the Mannose Receptor Family Uncovered by Electron Microscopy of Endo180 and the Mannose Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 8780-8787.	3.4	76
29	Interaction of Mannan Binding Lectin with ± 2 Macroglobulin via Exposed Oligomannose Glycans. <i>Journal of Biological Chemistry</i> , 2006, 281, 6955-6963.	3.4	43
30	Human Serum IgM Glycosylation. <i>Journal of Biological Chemistry</i> , 2005, 280, 29080-29087.	3.4	209
31	Human Immunoglobulin Glycosylation and the Lectin Pathway of Complement Activation. <i>Advances in Experimental Medicine and Biology</i> , 2005, 564, 27-43.	1.6	17
32	The Glycosylation of Human Serum IgD and IgE and the Accessibility of Identified Oligomannose Structures for Interaction with Mannan-Binding Lectin. <i>Journal of Immunology</i> , 2004, 173, 6831-6840.	0.8	100