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

69 papers	3,629 citations	27 h-index	60 g-index
72 ext. papers	3,981 ext. citations	6.2 avg, IF	4.29 L-index

#	Paper	IF	Citations
69	Evolution and function of the ADP ribosyl cyclase/CD38 gene family in physiology and pathology. <i>Physiological Reviews</i> , 2008 , 88, 841-86	47.9	585
68	Stimulatory autoantibodies to the PDGF receptor in systemic sclerosis. <i>New England Journal of Medicine</i> , 2006 , 354, 2667-76	59.2	471
67	Human CD38: a glycoprotein in search of a function. <i>Trends in Immunology</i> , 1994 , 15, 95-7		299
66	Expression of ghrelin and of the GH secretagogue receptor by pancreatic islet cells and related endocrine tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1300-8	5.6	282
65	The low-density lipoprotein receptor plays a role in the infection of primary human hepatocytes by hepatitis C virus. <i>Journal of Hepatology</i> , 2007 , 46, 411-9	13.4	227
64	CD38 and CD157: a long journey from activation markers to multifunctional molecules. <i>Cytometry Part B - Clinical Cytometry</i> , 2013 , 84, 207-17	3.4	173
63	CD38: a multi-lineage cell activation molecule with a split personality. <i>International Journal of Clinical and Laboratory Research</i> , 1992 , 22, 73-80		103
62	Human CD38 is associated to distinct molecules which mediate transmembrane signaling in different lineages. <i>European Journal of Immunology</i> , 1993 , 23, 2407-11	6.1	92
61	Secretion of IFN-gamma, IL-6, granulocyte-macrophage colony-stimulating factor and IL-10 cytokines after activation of human purified T lymphocytes upon CD38 ligation. <i>Cellular Immunology</i> , 1996 , 173, 192-7	4.4	74
60	Identification and characterization of an active soluble form of human CD38 in normal and pathological fluids. <i>International Immunology</i> , 1996 , 8, 1643-50	4.9	71
59	ELOVL5 mutations cause spinocerebellar ataxia 38. <i>American Journal of Human Genetics</i> , 2014 , 95, 209-17	11.1	70
58	CD38 ligation induces discrete cytokine mRNA expression in human cultured lymphocytes. <i>European Journal of Immunology</i> , 1995 , 25, 1477-80	6.1	64
57	CD157 is an important mediator of neutrophil adhesion and migration. <i>Blood</i> , 2004 , 104, 4269-78	2.2	63
56	CD38 and CD157 as receptors of the immune system: a bridge between innate and adaptive immunity. <i>Molecular Medicine</i> , 2006 , 12, 334-41	6.2	61
55	Signaling through CD38 induces NK cell activation. <i>International Immunology</i> , 2001 , 13, 397-409	4.9	60
54	Functional role and prognostic significance of CD157 in ovarian carcinoma. <i>Journal of the National Cancer Institute</i> , 2010 , 102, 1160-77	9.7	41
53	Mutation analysis of the LH receptor gene in Leydig cell adenoma and hyperplasia and functional and biochemical studies of activating mutations of the LH receptor gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1197-205	5.6	37

52	The CD157-integrin partnership controls transendothelial migration and adhesion of human monocytes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 18681-91	5.4	37
51	CD157 plays a pivotal role in neutrophil transendothelial migration. <i>Blood</i> , 2006 , 108, 4214-22	2.2	36
50	CD38 ligation plays a direct role in the induction of IL-1beta, IL-6, and IL-10 secretion in resting human monocytes. <i>Cellular Immunology</i> , 2002 , 220, 30-8	4.4	35
49	Monoclonal antibodies and therapy of human cancers. <i>Biotechnology Advances</i> , 2000 , 18, 385-401	17.8	34
48	Modulation of CD4 lateral interaction with lymphocyte surface molecules induced by HIV-1 gp120. <i>European Journal of Immunology</i> , 1995 , 25, 1306-11	6.1	34
47	Induction of Scleroderma Fibrosis in Skin-Humanized Mice by Administration of Anti-Platelet-Derived Growth Factor Receptor Agonistic Autoantibodies. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2263-73	9.5	34
46	Murine monoclonal antibodies as probes for the phenotypical, functional, and molecular analysis of a discrete peripheral blood lymphocyte population exerting natural killer activity in vitro. <i>Human Immunology</i> , 1985 , 14, 87-102	2.3	33
45	Use of genetic immunization to raise antibodies recognizing toxin-related cell surface ADP-ribosyltransferases in native conformation. <i>Cellular Immunology</i> , 2005 , 236, 66-71	4.4	31
44	[3H]N-methylscopolamine binding to muscarinic receptors in human peripheral blood lymphocytes: characterization, localization on T-lymphocyte subsets and age-dependent changes. <i>Neuropharmacology</i> , 1989 , 28, 719-26	5.5	30
43	ATM mutations in Italian families with ataxia telangiectasia include two distinct large genomic deletions. <i>Human Mutation</i> , 2006 , 27, 1061	4.7	29
42	The ADP-ribosyl cyclases--the current evolutionary state of the ARCs. <i>Frontiers in Bioscience - Landmark</i> , 2014 , 19, 986-1002	2.8	27
41	Individual Cell-Based Model for In-Vitro Mesothelial Invasion of Ovarian Cancer. <i>Mathematical Modelling of Natural Phenomena</i> , 2010 , 5, 203-223	3	27
40	Epitope Specificity Determines Pathogenicity and Detectability of Anti-Platelet-Derived Growth Factor Receptor Autoantibodies in Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1891-903	9.5	26
39	Large genomic mutations within the ATM gene detected by MLPA, including a duplication of 41 kb from exon 4 to 20. <i>Annals of Human Genetics</i> , 2008 , 72, 10-8	2.2	25
38	Design and scaleup of downstream processing of monoclonal antibodies for cancer therapy: from research to clinical proof of principle. <i>Journal of Immunological Methods</i> , 2003 , 275, 99-112	2.5	24
37	A panel of monoclonal antibodies recognizing GPI-anchored ADP-ribosyltransferase ART4, the carrier of the Dombrock blood group antigens. <i>Cellular Immunology</i> , 2005 , 236, 59-65	4.4	24
36	Ectoenzymes and innate immunity: the role of human CD157 in leukocyte trafficking. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 929-43	2.8	24
35	Adult-onset autosomal recessive ataxia associated with neuronal ceroid lipofuscinosis type 5 gene (CLN5) mutations. <i>Journal of Neurology</i> , 2015 , 262, 173-8	5.5	23

34	Stimulation of T cells via CD44 requires leukocyte-function-associated antigen interactions and interleukin-2 production. <i>Human Immunology</i> , 1994 , 40, 267-78	2.3	23
33	CD157: From immunoregulatory protein to potential therapeutic target. <i>Immunology Letters</i> , 2019 , 205, 59-64	4.1	22
32	8-Oxoguanine DNA-glycosylase repair activity and expression: a comparison between cryopreserved isolated lymphocytes and EBV-derived lymphoblastoid cell lines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011 , 718, 62-7	3	22
31	Functional topography of discrete domains of human CD38. <i>Tissue Antigens</i> , 2000 , 56, 539-47		22
30	Binding of CD157 protein to fibronectin regulates cell adhesion and spreading. <i>Journal of Biological Chemistry</i> , 2014 , 289, 15588-601	5.4	21
29	Overexpression of CD157 contributes to epithelial ovarian cancer progression by promoting mesenchymal differentiation. <i>PLoS ONE</i> , 2012 , 7, e43649	3.7	18
28	Agonistic Anti-PDGF Receptor Autoantibodies from Patients with Systemic Sclerosis Impact Human Pulmonary Artery Smooth Muscle Cells Function. <i>Frontiers in Immunology</i> , 2017 , 8, 75	8.4	16
27	Generation of potent neutralizing human monoclonal antibodies against cytomegalovirus infection from immune B cells. <i>BMC Biotechnology</i> , 2008 , 8, 85	3.5	16
26	Unsuitability of lymphoblastoid cell lines as surrogate of cryopreserved isolated lymphocytes for the analysis of DNA double-strand break repair activity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 684, 98-105	3.3	15
25	Functional, structural, and distribution analysis of the chorionic gonadotropin receptor using murine monoclonal antibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5537-46	5.6	15
24	Genome-wide expression profiling and functional characterization of SCA28 lymphoblastoid cell lines reveal impairment in cell growth and activation of apoptotic pathways. <i>BMC Medical Genomics</i> , 2013 , 6, 22	3.7	13
23	Antibodies binding granulocyte-macrophage colony stimulating factor produced by cord blood-derived B cell lines immortalized by Epstein-Barr virus in vitro. <i>Cellular Immunology</i> , 2000 , 204, 114-27	4.4	11
22	Antigenic characterization of recombinant, lymphoblastoid, and leukocyte IFN-alpha by monoclonal antibodies. <i>Journal of Interferon and Cytokine Research</i> , 1999 , 19, 319-26	3.5	11
21	Functional and molecular characterization by the CB04 monoclonal antibody of a cell surface structure exerting C3-complement receptor activity. <i>Journal of Clinical Immunology</i> , 1985 , 5, 412-20	5.7	11
20	CD157 at the intersection between leukocyte trafficking and epithelial ovarian cancer invasion. <i>Frontiers in Bioscience - Landmark</i> , 2014 , 19, 366-78	2.8	11
19	CD157 enhances malignant pleural mesothelioma aggressiveness and predicts poor clinical outcome. <i>Oncotarget</i> , 2014 , 5, 6191-205	3.3	9
18	Microplate selection technique (MPST). A new method for selecting mouse transfectants expressing human gene products. <i>Journal of Immunological Methods</i> , 1989 , 123, 113-21	2.5	9
17	Definition by CB12 monoclonal antibody of a differentiation marker specific for human monocytes and their bone marrow precursors. <i>Cellular Immunology</i> , 1986 , 97, 276-85	4.4	9

16	Human canonical CD157/Bst1 is an alternatively spliced isoform masking a previously unidentified primate-specific exon included in a novel transcript. <i>Scientific Reports</i> , 2017 , 7, 15923	4.9	8
15	Identification of a 220-kDa membrane tumor-associated antigen by human anti-UK114 monoclonal antibodies selected from the immunoglobulin repertoire of a cancer patient. <i>Experimental Cell Research</i> , 1999 , 247, 441-50	4.2	8
14	Characterization of binding and quantification of human autoantibodies to PDGFR β using a biosensor-based approach. <i>Analytical Biochemistry</i> , 2017 , 528, 26-33	3.1	8
13	Quantitative and functional analysis of IgG Fc receptor molecules in polymorphonuclear leukocytes and monocyte macrophages in patients with essential mixed cryoglobulinaemia. <i>Nephron</i> , 1987 , 45, 186-91	3.3	7
12	CD157: From Myeloid Cell Differentiation Marker to Therapeutic Target in Acute Myeloid Leukemia. <i>Cells</i> , 2019 , 8,	7.9	6
11	Soluble CD157 in pleural effusions: a complementary tool for the diagnosis of malignant mesothelioma. <i>Oncotarget</i> , 2018 , 9, 22785-22801	3.3	3
10	Generation and selection of monoclonal antibodies identifying surface molecules discriminating between fetal and adult fibroblasts. <i>Journal of Clinical Laboratory Analysis</i> , 1989 , 3, 50-5	3	2
9	Generation and Characterization of a Murine Monoclonal Antibody Specific for the Human T1-Cd5 Molecule. <i>International Journal of Biological Markers</i> , 1987 , 2, 143-150	2.8	2
8	CD157 signaling promotes survival of acute myeloid leukemia cells and modulates sensitivity to cytarabine through regulation of anti-apoptotic Mcl-1. <i>Scientific Reports</i> , 2021 , 11, 21230	4.9	2
7	Ectoenzymes in Epithelial Ovarian Carcinoma: Potential Diagnostic Markers and Therapeutic Targets 2012 ,		1
6	Characterization by monoclonal antibody of a highly conserved antigenic determinant expressed on human platelet membranes and intermediate filament type III. <i>Scandinavian Journal of Immunology</i> , 1990 , 31, 609-17	3.4	1
5	In vitro dexamethasone treatment does not induce alternative ATM transcripts in cells from Ataxia-Telangiectasia patients. <i>Scientific Reports</i> , 2020 , 10, 20182	4.9	1
4	CD38 Expression by Circulating and Skin-Infiltrating Lymphocytes from Sezary Syndrome Patients: A Flow Cytometry and Immunohistochemistry Study.. <i>Disease Markers</i> , 2022 , 2022, 3424413	3.2	0
3	Re: CD157 in ovarian carcinoma: How does it help us?. <i>Journal of the National Cancer Institute</i> , 2010 , 102, 1741; author reply 1741-2	9.7	
2	Functional role of CD157 in monocyte migration. <i>Cytokine</i> , 2009 , 48, 130	4	
1	Analysis of the physical association between CD38 and functional molecules expressed by human lymphocytes. <i>Pharmacological Research</i> , 1992 , 26 Suppl 2, 134-5	10.2	