

Edit I Buzas

List of Publications by Year in Descending Order

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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.

151 papers	20,574 citations	44 h-index	143 g-index
163 ext. papers	25,874 ext. citations	7 avg, IF	6.04 L-index

#	Paper	IF	Citations
151	Circulating cardiomyocyte-derived extracellular vesicles reflect cardiac injury during systemic inflammatory response syndrome in mice.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 84	10.3	4
150	CD44 Expression Intensity Marks Colorectal Cancer Cell Subpopulations with Different Extracellular Vesicle Release Capacity.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
149	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies - from exosomes to microvesicles.. <i>Cardiovascular Research</i> , 2022 ,	9.9	4
148	Chronic Exposure to the Food Additive tBHQ Modulates Expression of Genes Related to SARS-CoV-2 and Influenza Viruses. <i>Life</i> , 2022 , 12, 642	3	
147	Activated polymorphonuclear derived extracellular vesicles are potential biomarkers of periprosthetic joint infection.. <i>PLoS ONE</i> , 2022 , 17, e0268076	3.7	1
146	Positive association and future perspectives of mitochondrial DNA copy number and telomere length - a pilot twin study. <i>Archives of Medical Science</i> , 2021 , 17, 1191-1199	2.9	0
145	A brief history of nearly EV-everything - The rise and rise of extracellular vesicles.. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12144	16.4	18
144	Systematic transcriptomic and phenotypic characterization of human and murine cardiac myocyte cell lines and primary cardiomyocytes reveals serious limitations and low resemblances to adult cardiac phenotype.. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 165, 19-30	5.8	3
143	IFITM1 expression determines extracellular vesicle uptake in colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7009-7024	10.3	3
142	Extracellular vesicle release and uptake by the liver under normo- and hyperlipidemia. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7589-7604	10.3	4
141	Supraoptimal Iron Nutrition of Plants Suppresses the Iron Uptake of Chloroplasts by Down-Regulating Chloroplast Ferric Chelate Reductase. <i>Frontiers in Plant Science</i> , 2021 , 12, 658987	6.2	1
140	Wnt Activity and Cell Proliferation Are Coupled to Extracellular Vesicle Release in Multiple Organoid Models. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 670825	5.7	1
139	Shared extracellular vesicle miRNA profiles of matched ductal pancreatic adenocarcinoma organoids and blood plasma samples show the power of organoid technology. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3005-3020	10.3	8
138	Formation of a protein corona on the surface of extracellular vesicles in blood plasma. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12140	16.4	34
137	Platelet-derived extracellular vesicles may contribute to the hypercoagulable state in preeclampsia. <i>Journal of Reproductive Immunology</i> , 2021 , 148, 103380	4.2	1
136	Extracellular vesicles transmit epithelial growth factor activity in the intestinal stem cell niche. <i>Stem Cells</i> , 2020 , 38, 291-300	5.8	21
135	An implanted device enables in vivo monitoring of extracellular vesicle-mediated spread of pro-inflammatory mast cell response in mice. <i>Journal of Extracellular Vesicles</i> , 2020 , 10, e12023	16.4	2

134	Antiproteoglycan Antibodies in Experimental Spondylarthritis 2020 , 341-356		1
133	Fibroblast-Derived Extracellular Vesicles Induce Colorectal Cancer Progression by Transmitting Amphiregulin. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 558	5.7	13
132	Extracellular Vesicle-Based Communication May Contribute to the Co-Evolution of Cancer Stem Cells and Cancer-Associated Fibroblasts in Anti-Cancer Therapy. <i>Cancers</i> , 2020 , 12,	6.6	4
131	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1647027	16.4	48
130	release of MVB-like small extracellular vesicle clusters by colorectal carcinoma cells. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1596668	16.4	13
129	Extracellular vesicle release from intestinal organoids is modulated by Apc mutation and other colorectal cancer progression factors. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2463-2476	10.3	37
128	Systems biology approaches to investigating the roles of extracellular vesicles in human diseases. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-11	12.8	27
127	An improved 96 well plate format lipid quantification assay for standardisation of experiments with extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1565263	16.4	31
126	Unravelling the Role of Trophoblastic-Derived Extracellular Vesicles in Regulatory T Cell Differentiation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
125	Radio-detoxified LPS alters bone marrow-derived extracellular vesicles and endothelial progenitor cells. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 313	8.3	3
124	Melanoma-Derived Exosomes Induce PD-1 Overexpression and Tumor Progression via Mesenchymal Stem Cell Oncogenic Reprogramming. <i>Frontiers in Immunology</i> , 2019 , 10, 2459	8.4	20
123	Molecular interactions at the surface of extracellular vesicles. <i>Seminars in Immunopathology</i> , 2018 , 40, 453-464	12	145
122	The impact of circulating preeclampsia-associated extracellular vesicles on the migratory activity and phenotype of THP-1 monocytic cells. <i>Scientific Reports</i> , 2018 , 8, 5426	4.9	12
121	Mechanisms of vascular comorbidity in autoimmune diseases. <i>Current Opinion in Rheumatology</i> , 2018 , 30, 197-206	5.3	7
120	Tight co-twin similarity of monozygotic twins for hTERT protein level of T cell subsets, for telomere length and mitochondrial DNA copy number, but not for telomerase activity. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2447-2456	10.3	3
119	Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 19-34	9.9	198
118	Detection and proteomic characterization of extracellular vesicles in human pancreatic juice. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 499, 37-43	3.4	23
117	Distinct T-Helper 17 Differentiation Capacity of Peripheral Naive T Cells in Rheumatoid and Psoriatic Arthritis. <i>Frontiers in Immunology</i> , 2018 , 9, 606	8.4	4

116	Perspective: bidirectional exosomal transport between cancer stem cells and their fibroblast-rich microenvironment during metastasis formation. <i>Npj Breast Cancer</i> , 2018 , 4, 18	7.8	15
115	Autophagy inhibition promotes SNCA/alpha-synuclein release and transfer via extracellular vesicles with a hybrid autophagosome-exosome-like phenotype. <i>Autophagy</i> , 2018 , 14, 98-119	10.2	123
114	Isolation of High-Purity Extracellular Vesicles by the Combination of Iodixanol Density Gradient Ultracentrifugation and Bind-Elute Chromatography From Blood Plasma. <i>Frontiers in Physiology</i> , 2018 , 9, 1479	4.6	92
113	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
112	Essentials of extracellular vesicles: posters on basic and clinical aspects of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1548234	16.4	20
111	Skin-homing CD8 T cells preferentially express GPI-anchored peptidase inhibitor 16, an inhibitor of cathepsin K. <i>European Journal of Immunology</i> , 2018 , 48, 1944-1957	6.1	9
110	Towards mechanisms and standardization in extracellular vesicle and extracellular RNA studies: results of a worldwide survey. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535745	16.4	35
109	A simple and rapid flow cytometry-based assay to identify a competent embryo prior to embryo transfer. <i>Scientific Reports</i> , 2017 , 7, 39927	4.9	29
108	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1286095	16.4	410
107	Mast cell secretome: Soluble and vesicular components. <i>Seminars in Cell and Developmental Biology</i> , 2017 , 67, 65-73	7.5	44
106	Methodological Guidelines to Study Extracellular Vesicles. <i>Circulation Research</i> , 2017 , 120, 1632-1648	15.7	490
105	Extracellular vesicles regulate the human osteoclastogenesis: divergent roles in discrete inflammatory arthropathies. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3599-3611	10.3	25
104	Single particle analysis: Methods for detection of platelet extracellular vesicles in suspension (excluding flow cytometry). <i>Platelets</i> , 2017 , 28, 249-255	3.6	25
103	Best practice of identification and proteomic analysis of extracellular vesicles in human health and disease. <i>Expert Review of Proteomics</i> , 2017 , 14, 1073-1090	4.2	28
102	Mesenteric lymph node stromal cell-derived extracellular vesicles contribute to peripheral de novo induction of Foxp3 regulatory T cells. <i>European Journal of Immunology</i> , 2017 , 47, 2142-2152	6.1	8
101	Antibiotic-induced release of small extracellular vesicles (exosomes) with surface-associated DNA. <i>Scientific Reports</i> , 2017 , 7, 8202	4.9	73
100	Evaluation and diagnostic potential of circulating extracellular vesicle-associated microRNAs in adrenocortical tumors. <i>Scientific Reports</i> , 2017 , 7, 5474	4.9	33
99	Microvesicles in vascular homeostasis and diseases. Position Paper of the European Society of Cardiology (ESC) Working Group on Atherosclerosis and Vascular Biology. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 1296-1316	7	143

98	Advantages and pitfalls for transmission electron microscopic studies in the identification of extracellular vesicles 2016 , 77-78		
97	Low-density lipoprotein mimics blood plasma-derived exosomes and microvesicles during isolation and detection. <i>Scientific Reports</i> , 2016 , 6, 24316	4.9	263
96	Radiolabeling of Extracellular Vesicles with (99m)Tc for Quantitative In Vivo Imaging Studies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2016 , 31, 168-73	3.9	63
95	Mass spectrometry of extracellular vesicles. <i>Mass Spectrometry Reviews</i> , 2016 , 35, 3-21	11	74
94	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016 , 10, 3886-99	16.7	304
93	The emerging role of aryl hydrocarbon receptor in the activation and differentiation of Th17 cells. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 95-117	10.3	30
92	Immune Recognition of Citrullinated Proteoglycan Aggrecan Epitopes in Mice with Proteoglycan-Induced Arthritis and in Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2016 , 11, e0160284	3.7	18
91	Extracellular vesicles in cardiovascular disease: are they Jedi or Sith?. <i>Journal of Physiology</i> , 2016 , 594, 2881-94	3.9	36
90	A standardized method to determine the concentration of extracellular vesicles using tunable resistive pulse sensing. <i>Journal of Extracellular Vesicles</i> , 2016 , 5, 31242	16.4	103
89	Unique patterns of CD8+ T-cell-mediated organ damage in the Act-mOVA/OT-I model of acute graft-versus-host disease. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 3935-47	10.3	
88	The Role of Extracellular Vesicle and Tunneling Nanotube-Mediated Intercellular Cross-Talk Between Mesenchymal Stem Cells and Human Peripheral T Cells. <i>Stem Cells and Development</i> , 2016 , 25, 1818-1832	4.4	39
87	Genetic and epigenetic trends in telomere research: a novel way in immunoepigenetics. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4095-109	10.3	15
86	Differential detergent sensitivity of extracellular vesicle subpopulations. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9775-82	3.9	118
85	Oxidative and other posttranslational modifications in extracellular vesicle biology. <i>Seminars in Cell and Developmental Biology</i> , 2015 , 40, 8-16	7.5	32
84	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 27066	16.4	2611
83	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 30087	16.4	722
82	Improved characterization of EV preparations based on protein to lipid ratio and lipid properties. <i>PLoS ONE</i> , 2015 , 10, e0121184	3.7	109
81	Isolation of Exosomes from Blood Plasma: Qualitative and Quantitative Comparison of Ultracentrifugation and Size Exclusion Chromatography Methods. <i>PLoS ONE</i> , 2015 , 10, e0145686	3.7	359

80	The Emerging and Diverse Roles of Src-Like Adaptor Proteins in Health and Disease. <i>Mediators of Inflammation</i> , 2015 , 2015, 952536	4.3	8
79	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015 , 31, 933-9	7.2	256
78	Cardioprotection by remote ischemic preconditioning of the rat heart is mediated by extracellular vesicles. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 68, 75-8	5.8	204
77	Critical role of extracellular vesicles in modulating the cellular effects of cytokines. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4055-67	10.3	35
76	Immunosuppressants increase the levels of natural autoantibodies reactive with glycosaminoglycans in myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2014 , 276, 224-8	3.5	
75	Improved circulating microparticle analysis in acid-citrate dextrose (ACD) anticoagulant tube. <i>Thrombosis Research</i> , 2014 , 133, 285-92	8.2	75
74	Minimal experimental requirements for definition of extracellular vesicles and their functions: a position statement from the International Society for Extracellular Vesicles. <i>Journal of Extracellular Vesicles</i> , 2014 , 3, 26913	16.4	1589
73	A8.22 The role of proinflammatory and anti-inflammatory cytokines on CD3 ϵ chain expression of human T- lymphocytes. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A85.1-A85	2.4	
72	Novel genes in Human Asthma Based on a Mouse Model of Allergic Airway Inflammation and Human Investigations. <i>Allergy, Asthma and Immunology Research</i> , 2014 , 6, 496-503	5.3	12
71	A8.7 Differentiation of human TH17 cells. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A78.3-A79	2.4	
70	Reduced inflammatory threshold indicates skin barrier defect in transglutaminase 3 knockout mice. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 105-111	4.3	29
69	Antitumoral effects of 9-cis retinoic acid in adrenocortical cancer. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 917-32	10.3	20
68	Emerging role of extracellular vesicles in inflammatory diseases. <i>Nature Reviews Rheumatology</i> , 2014 , 10, 356-64	8.1	433
67	Bayesian systems-based genetic association analysis with effect strength estimation and omic wide interpretation: a case study in rheumatoid arthritis. <i>Methods in Molecular Biology</i> , 2014 , 1142, 143-76	1.4	
66	The role of citrullination of an immunodominant proteoglycan (PG) aggrecan T cell epitope in BALB/c mice with PG-induced arthritis. <i>Immunology Letters</i> , 2013 , 152, 25-31	4.1	8
65	The recently identified hexosaminidase D enzyme substantially contributes to the elevated hexosaminidase activity in rheumatoid arthritis. <i>Immunology Letters</i> , 2013 , 149, 71-6	4.1	20
64	La citrullination en situations normale et pathologique. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2013 , 80, 18-24	0.1	
63	Antibacterial effect of microvesicles released from human neutrophilic granulocytes. <i>Blood</i> , 2013 , 121, 510-8	2.2	142

62	A3.20 TNF Regulates CD3 ϵ Expression of T Lymphocytes Via SRC-Like Adaptor Protein-Dependent Proteasomal Degradation. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A20.3-A21	2.4	
61	A9.13 TNF-Induced- Protein Tyrosine Phosphatase Nonreceptor Type 2 (PTPN2) as a Negative Regulator of Inflammation in Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A69.1-A69 ^{3,4}		
60	Distinct RNA profiles in subpopulations of extracellular vesicles: apoptotic bodies, microvesicles and exosomes. <i>Journal of Extracellular Vesicles</i> , 2013 , 2,	16.4	582
59	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. <i>Journal of Extracellular Vesicles</i> , 2013 , 2,	16.4	1409
58	International Society for Extracellular Vesicles: Second Annual Meeting, 17-20 April 2013, Boston, MA (ISEV 2013). <i>Journal of Extracellular Vesicles</i> , 2013 , 2, 23070	16.4	2
57	Response: systematic use of Triton lysis as a control for microvesicle labeling. <i>Blood</i> , 2012 , 119, 2175-2176	16.4	9
56	Citrullination under physiological and pathological conditions. <i>Joint Bone Spine</i> , 2012 , 79, 431-6	2.9	79
55	Interleukin-4 receptor alpha polymorphisms in autoimmune myasthenia gravis in a Caucasian population. <i>Human Immunology</i> , 2012 , 73, 193-5	2.3	10
54	Non-synonymous single nucleotide polymorphisms in genes for immunoregulatory galectins: association of galectin-8 (F19Y) occurrence with autoimmune diseases in a Caucasian population. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1512-8	4	26
53	Improved flow cytometric assessment reveals distinct microvesicle (cell-derived microparticle) signatures in joint diseases. <i>PLoS ONE</i> , 2012 , 7, e49726	3.7	111
52	Characterization and function of histamine receptors in human bone marrow stromal cells. <i>Stem Cells</i> , 2012 , 30, 222-31	5.8	27
51	CD3 ϵ chain expression of human T lymphocytes is regulated by TNF via Src-like adaptor protein-dependent proteasomal degradation. <i>Journal of Immunology</i> , 2012 , 189, 1602-10	5.3	19
50	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. <i>PLoS Biology</i> , 2012 , 10, e1001450	9.7	800
49	CD3 ϵ chain expression is regulated by tumor necrosis factor via Src-like adaptor protein dependent proteasomal degradation in human T lymphocytes. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A1.3-A2	2.4	
48	Proteomic characterization of thymocyte-derived microvesicles and apoptotic bodies in BALB/c mice. <i>Journal of Proteomics</i> , 2011 , 74, 2025-33	3.9	103
47	Lack of evidence for association of two functional SNPs of CHI3L1 gene (HC-gp39) with rheumatoid arthritis. <i>Rheumatology International</i> , 2011 , 31, 1003-7	3.6	7
46	Membrane vesicles, current state-of-the-art: emerging role of extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2667-88	10.3	1397
45	Detection and isolation of cell-derived microparticles are compromised by protein complexes resulting from shared biophysical parameters. <i>Blood</i> , 2011 , 117, e39-48	2.2	314

44	Specific expression of PAD4 and citrullinated proteins in lung cancer is not associated with anti-CCP antibody production. <i>International Immunology</i> , 2011 , 23, 405-14	4.9	23
43	Increased serum PAD4 and RF in lung cancer is not associated with anti CCP antibody production. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A4-A4	2.4	
42	Central role of nitric oxide in the pathogenesis of rheumatoid arthritis and systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2010 , 12, 210	5.7	94
41	Extramedullary hematopoiesis is dysregulated in histamine-free histidine decarboxylase knockout (HDC ^{-/-}) mice. <i>Inflammation Research</i> , 2010 , 59, 429-36	7.2	5
40	A novel galectin-1 and interleukin 2 receptor 1 haplotype is associated with autoimmune myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2010 , 229, 107-11	3.5	16
39	Increased serum concentration of immune cell derived microparticles in polymyositis/dermatomyositis. <i>Immunology Letters</i> , 2010 , 128, 124-30	4.1	28
38	Critical role of glycosylation in determining the length and structure of T cell epitopes. <i>Immunome Research</i> , 2009 , 5, 4		20
37	HLA-association of serum levels of natural antibodies. <i>Molecular Immunology</i> , 2009 , 46, 1416-23	4.3	15
36	Rheumatoid arthritis and smoking: putting the pieces together. <i>Arthritis Research and Therapy</i> , 2009 , 11, 238	5.7	99
35	Gene expression and activity of cartilage degrading glycosidases in human rheumatoid arthritis and osteoarthritis synovial fibroblasts. <i>Arthritis Research and Therapy</i> , 2009 , 11, R68	5.7	31
34	Natural autoantibodies reactive with glycosaminoglycans in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2008 , 10, R110	5.7	23
33	IL-18 induces a marked gene expression profile change and increased Ccl1 (I-309) production in mouse mucosal mast cell homologs. <i>International Immunology</i> , 2008 , 20, 1565-73	4.9	15
32	Nitric oxide production of T lymphocytes is increased in rheumatoid arthritis. <i>Immunology Letters</i> , 2008 , 118, 55-8	4.1	40
31	Nitric oxide, chronic inflammation and autoimmunity. <i>Immunology Letters</i> , 2007 , 111, 1-5	4.1	128
30	Increased antigen presentation and T(h)1 polarization in genetically histamine-free mice. <i>International Immunology</i> , 2007 , 19, 51-8	4.9	15
29	Nitric oxide mediates T cell cytokine production and signal transduction in histidine decarboxylase knockout mice. <i>Journal of Immunology</i> , 2007 , 179, 6613-9	5.3	21
28	Highly activated c-fos expression in specific brain regions (ependyma, circumventricular organs, choroid plexus) of histidine decarboxylase deficient mice in response to formalin-induced acute pain. <i>Neuropharmacology</i> , 2007 , 53, 101-12	5.5	13
27	Histamine H1 and H2 receptors but not H4 receptors are upregulated during bone marrow regeneration. <i>Cellular Immunology</i> , 2006 , 244, 110-5	4.4	7

26	Systems biology in autoimmunity. <i>Autoimmunity</i> , 2006 , 39, 633-633	3	
25	Carbohydrate recognition systems in autoimmunity. <i>Autoimmunity</i> , 2006 , 39, 691-704	3	59
24	Citrullination: a posttranslational modification in health and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 1662-77	5.6	342
23	T Cell Epitope Hierarchy in Experimental Autoimmune Models 2006 , 327-349		
22	The role of histamine in the intracellular survival of Mycobacterium bovis BCG. <i>Microbes and Infection</i> , 2006 , 8, 1035-44	9.3	9
21	T-cell recognition of differentially tolerated epitopes of cartilage proteoglycan aggrecan in arthritis. <i>Cellular Immunology</i> , 2005 , 235, 98-108	4.4	30
20	Partial protection against dextran sodium sulphate induced colitis in histamine-deficient, histidine decarboxylase knockout mice. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004 , 39, 171-6	2.8	11
19	Negative regulatory effect of histamine in DNFB-induced contact hypersensitivity. <i>International Immunology</i> , 2004 , 16, 1781-8	4.9	14
18	Induction of arthritis in HLA-DR4-humanized and HLA-DQ8-humanized mice by human cartilage proteoglycan aggrecan but only in the presence of an appropriate (non-MHC) genetic background. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1984-95		28
17	Effects of Helicobacter pylori infection on gastric inflammation and local cytokine production in histamine-deficient (histidine decarboxylase knock-out) mice. <i>Immunology Letters</i> , 2004 , 94, 223-8	4.1	8
16	Knock-out of the histidine decarboxylase gene modifies the repertoire of natural autoantibodies. <i>Journal of Autoimmunity</i> , 2004 , 22, 297-305	15.5	19
15	Differential recognition of altered peptide ligands distinguishes two functionally discordant (arthritogenic and nonarthritogenic) autoreactive T cell hybridoma clones. <i>Journal of Immunology</i> , 2003 , 171, 3025-33	5.3	17
14	Histamine deficiency in gene-targeted mice strongly reduces antigen-induced airway hyper-responsiveness, eosinophilia and allergen-specific IgE. <i>International Immunology</i> , 2003 , 15, 963-73	4.9	27
13	Hyperleptinemia, visceral adiposity, and decreased glucose tolerance in mice with a targeted disruption of the histidine decarboxylase gene. <i>Endocrinology</i> , 2003 , 144, 4306-14	4.8	70
12	Synovial fluid exoglycosidases are predictors of rheumatoid arthritis and are effective in cartilage glycosaminoglycan depletion. <i>Arthritis and Rheumatism</i> , 2003 , 48, 2163-72		28
11	Induction of arthritis in SCID mice by T cells specific for the "shared epitope" sequence in the G3 domain of human cartilage proteoglycan. <i>Arthritis and Rheumatism</i> , 2003 , 48, 2959-73		8
10	Chlamydophila (Chlamydia) pneumoniae induces histidine decarboxylase production in the mouse lung. <i>Immunology Letters</i> , 2003 , 89, 229-36	4.1	26
9	Impaired reproduction of histamine deficient (histidine-decarboxylase knockout) mice is caused predominantly by a decreased male mating behavior. <i>American Journal of Reproductive Immunology</i> , 2003 , 50, 152-8	3.8	17

8	Mice lacking histidine decarboxylase exhibit abnormal mast cells. <i>FEBS Letters</i> , 2001 , 502, 53-6	3.8	299
7	Histamine deficiency induces tissue-specific down-regulation of histamine H2 receptor expression in histidine decarboxylase knockout mice. <i>FEBS Letters</i> , 2001 , 508, 245-8	3.8	19
6	Identification of multiple loci linked to inflammation and autoantibody production by a genome scan of a murine model of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1999 , 42, 2524-31		67
5	Aggrecan: A Target Molecule of Autoimmune Reactions. <i>Pathology and Oncology Research</i> , 1996 , 2, 219-228		3
4	Mediators and autopathogenic effector cells in proteoglycan-induced arthritic and clinically asymptomatic BALB/c mice. <i>Cellular Immunology</i> , 1994 , 158, 292-304	4.4	28
3	Proteoglycan-specific autoreactive antibodies and T-lymphocytes in experimental arthritis and human rheumatoid joint diseases. <i>Biochemical Society Transactions</i> , 1990 , 18, 796-9	5.1	22
2	Proteoglycan-induced polyarthritis and spondylitis adoptively transferred to naive (nonimmunized) BALB/c mice. <i>Arthritis and Rheumatism</i> , 1990 , 33, 866-76		78
1	Minimal experimental requirements for definition of extracellular vesicles and their functions: a position statement from the International Society for Extracellular Vesicles		1