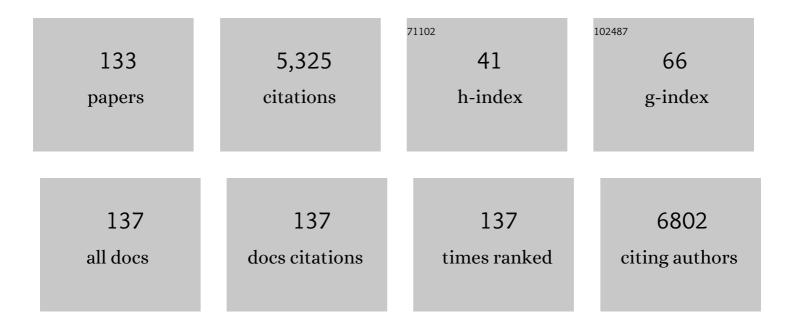
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Butyrate and propionate restore interleukin 13â€compromised esophageal epithelial barrier function. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1510-1521.	5.7	34
2	Micronutritional supplementation with a holoBLGâ€based FSMP (food for special medical) Tj ETQqO 0 0 rgBT / Clinical and Experimental Allergy, 2022, 52, 426-441.	Overlock 10 2.9) Tf 50 707 Td 14
3	AllergoOncology: Danger signals in allergology and oncology: AÂEuropean Academy of Allergy and Clinical Immunology (EAACI) Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2594-2617.	5.7	5
4	Selected recent advances in understanding the role of human mast cells in health and disease. Journal of Allergy and Clinical Immunology, 2022, 149, 1833-1844.	2.9	26
5	Esterified derivatives of DHA and EPA increase bortezomib cytotoxicity in human multiple myeloma cells. European Journal of Pharmacology, 2022, 922, 174883.	3.5	1
6	Selenomethionine attenuates allergic effector responses in human primary mast cells. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2552-2555.	5.7	0
7	Immune modulation via T regulatory cell enhancement: Diseaseâ€modifying therapies for autoimmunity and their potential for chronic allergic and inflammatory diseases—An EAACI position paper of the Task Force on Immunopharmacology (TIPCO). Allergy: European Journal of Allergy and Clinical Immunology. 2021. 76. 90-113.	5.7	24
8	Cow's milk protein β-lactoglobulin confers resilience against allergy by targeting complexed iron into immune cells. Journal of Allergy and Clinical Immunology, 2021, 147, 321-334.e4.	2.9	62
9	The efficacy of bortezomib in human multiple myeloma cells is enhanced by combination with omega-3 fatty acids DHA and EPA: Timing is essential. Clinical Nutrition, 2021, 40, 1942-1953.	5.0	11
10	Local immune response to food antigens drives meal-induced abdominal pain. Nature, 2021, 590, 151-156.	27.8	153
11	Digestion and Transport across the Intestinal Epithelium Affects the Allergenicity of Ara h 1 and 3 but Not of Ara h 2 and 6. Molecular Nutrition and Food Research, 2021, 65, e2000712.	3.3	9
12	Human milk extracellular vesicles target nodes in interconnected signalling pathways that enhance oral epithelial barrier function and dampen immune responses. Journal of Extracellular Vesicles, 2021, 10, e12071.	12.2	50
13	Bet v 1 from birch pollen is a hypoallergen with vitamin D3 in the pocket. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3801-3804.	5.7	8
14	Omega-3 Fatty Acids DHA and EPA Reduce Bortezomib Resistance in Multiple Myeloma Cells by Promoting Glutathione Degradation. Cells, 2021, 10, 2287.	4.1	19
15	EPA and DHA have selective toxicity for PBMCs from multiple myeloma patients in a partly caspase-dependent manner. Clinical Nutrition, 2020, 39, 2137-2143.	5.0	12
16	Role of Mast Cells in Shaping the Tumor Microenvironment. Clinical Reviews in Allergy and Immunology, 2020, 58, 313-325.	6.5	203
17	Retinoic acidâ€loading of the major birch pollen allergen Bet v 1 may improve specific allergen immunotherapy: In silico, in vitro and in vivo data in BALB/c mice. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2073-2077.	5.7	23
18	Butyrate inhibits human mast cell activation via epigenetic regulation of FcεRIâ€mediated signaling. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1966-1978.	5.7	92

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19	Complex Stability and an Irrevertible Transition Reverted by Peptide and Fibroblasts in a Dynamic Model of Innate Immunity. Frontiers in Immunology, 2020, 10, 3091.	4.8	2
20	Defining biomarkers to predict symptoms in subjects with and without allergy under natural pollen exposure. Journal of Allergy and Clinical Immunology, 2020, 146, 583-594.e6.	2.9	21
21	Long-chain polyunsaturated omega-3 fatty acids reduce multiple myeloma exosome-mediated suppression of NK cell cytotoxicity. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 647-659.	2.0	14
22	Direct Inhibition of the Allergic Effector Response by Raw Cow's Milk—An Extensive In Vitro Assessment. Cells, 2020, 9, 1258.	4.1	5
23	A Transcriptomic Insight into the Impact of Colon Cancer Cells on Mast Cells. International Journal of Molecular Sciences, 2019, 20, 1689.	4.1	11
24	Proline-Glycine-Proline Peptides Are Critical in the Development of Smoke-induced Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 560-566.	2.9	14
25	Molecular Insights into the Mechanism of Necroptosis: The Necrosome as a Potential Therapeutic Target. Cells, 2019, 8, 1486.	4.1	112
26	AllergoOncology: Microbiota in allergy and cancer—A European Academy for Allergy and Clinical Immunology position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1037-1051.	5.7	17
27	Comparing biologicals and small molecule drug therapies for chronic respiratory diseases: An <scp>EAACI</scp> Taskforce on Immunopharmacology position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 432-448.	5.7	37
28	Nonâ€lgE mediated mast cell activation. Immunological Reviews, 2018, 282, 87-113.	6.0	143
29	AllergoOncology: Opposite outcomes of immune tolerance in allergy and cancer. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 328-340.	5.7	54
30	Mast Cells as Drivers of Disease and Therapeutic Targets. Trends in Immunology, 2018, 39, 151-162.	6.8	103
31	Effects of the polyunsaturated fatty acids, EPA and DHA, on hematological malignancies: a systematic review. Oncotarget, 2018, 9, 11858-11875.	1.8	50
32	Preface. European Journal of Pharmacology, 2018, 838, 112.	3.5	0
33	Functional Inhibitory Siglec-6 Is Upregulated in Human Colorectal Cancer-Associated Mast Cells. Frontiers in Immunology, 2018, 9, 2138.	4.8	47
34	Human mast cells promote colon cancer growth via bidirectional crosstalk: studies in 2D and 3D coculture models. Oncolmmunology, 2018, 7, e1504729.	4.6	47
35	Effect of Dietary Fiber and Metabolites on Mast Cell Activation and Mast Cell-Associated Diseases. Frontiers in Immunology, 2018, 9, 1067.	4.8	34
36	Predictable Irreversible Switching Between Acute and Chronic Inflammation. Frontiers in Immunology, 2018, 9, 1596.	4.8	26

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37	Mast cells in neuroinflammation and brain disorders. Neuroscience and Biobehavioral Reviews, 2017, 79, 119-133.	6.1	156
38	AllergoOncology – the impact of allergy in oncology: <scp>EAACI</scp> position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 866-887.	5.7	68
39	Human neonatal thymectomy induces altered Bâ€cell responses and autoreactivity. European Journal of Immunology, 2017, 47, 1970-1981.	2.9	9
40	Immunoglobulin Free Light Chains in the Pathogenesis of Lung Disorders. Iranian Journal of Allergy, Asthma and Immunology, 2017, 16, 282-288.	0.4	6
41	Preface. European Journal of Pharmacology, 2016, 778, 1.	3.5	1
42	Comprehensive Proteomic Analysis of Human Milk-derived Extracellular Vesicles Unveils a Novel Functional Proteome Distinct from Other Milk Components. Molecular and Cellular Proteomics, 2016, 15, 3412-3423.	3.8	129
43	Mast Cell Degranulation Is Accompanied by the Release of a Selective Subset of Extracellular Vesicles That Contain Mast Cell–Specific Proteases. Journal of Immunology, 2016, 197, 3382-3392.	0.8	49
44	Serum tryptase concentration and progression to endâ€stage renal disease. European Journal of Clinical Investigation, 2016, 46, 460-474.	3.4	20
45	Dendritic cells inversely regulate airway inflammation in cigarette smoke-exposed mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L95-L102.	2.9	5
46	Non-IgE mediated mast cell activation. European Journal of Pharmacology, 2016, 778, 33-43.	3.5	140
47	Therapeutic neutralization of the matrikine PCP suppresses the development of lung emphysema in cigarette smoke exposed mice. , 2016, , .		0
48	Cigarette smoke differentially modulates dendritic cell maturation and function in time. Respiratory Research, 2015, 16, 131.	3.6	39
49	A subset of AIDâ€dependent Bâ€1a cells initiates hypersensitivity and pneumococcal pneumonia resistance. Annals of the New York Academy of Sciences, 2015, 1362, 200-214.	3.8	21
50	Association of serum TNF-α, IL-8 and free light chain with HLA-DR B alleles expression in pulmonary and extra-pulmonary sarcoidosis. Journal of Inflammation, 2015, 12, 21.	3.4	11
51	The matrikine PGP as a potential biomarker in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L1095-L1101.	2.9	19
52	The matrikine N-α-PGP couples extracellular matrix fragmentation to endothelial permeability. Science Advances, 2015, 1, .	10.3	39
53	Flow cytometry applications in the study of immunological lung disorders. Iranian Journal of Allergy, Asthma and Immunology, 2015, 14, 12-8.	0.4	2
54	Interleukin-7 and Toll-Like Receptor 7 Induce Synergistic B Cell and T Cell Activation. PLoS ONE, 2014, 9, e94756.	2.5	13

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55	Measurement of airway function using invasive and non-invasive methods in mild and severe models for allergic airway inflammation in mice. Frontiers in Pharmacology, 2014, 5, 190.	3.5	29
56	Serum immunoglobulin free light chain levels are higher in girls than boys during eosinophilic oesophagitis. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 766-774.	1.5	5
57	Omega-3 fatty acids, EPA and DHA induce apoptosis and enhance drug sensitivity in multiple myeloma cells but not in normal peripheral mononuclear cells. Journal of Nutritional Biochemistry, 2014, 25, 1254-1262.	4.2	59
58	Recovery of extracellular vesicles from human breast milk is influenced by sample collection and vesicle isolation procedures. Journal of Extracellular Vesicles, 2014, 3, .	12.2	219
59	Toll-Like Receptor (TLR)-1/2 Triggering of Multiple Myeloma Cells Modulates Their Adhesion to Bone Marrow Stromal Cells and Enhances Bortezomib-Induced Apoptosis. PLoS ONE, 2014, 9, e96608.	2.5	15
60	Targeting Prolyl Endopeptidase with Valproic Acid as a Potential Modulator of Neutrophilic Inflammation. PLoS ONE, 2014, 9, e97594.	2.5	19
61	Immunoglobulin free light chains are biomarkers of poor prognosis in basal-like breast cancer and are potential targets in tumor-associated inflammation. Oncotarget, 2014, 5, 3159-3167.	1.8	34
62	Toll-Like Receptors in Human Multiple Myeloma: New Insight into Inflammation-Related Pathogenesis. Current Molecular Medicine, 2014, 14, 423-431.	1.3	7
63	Antigen-specific, antibody-coated, exosome-like nanovesicles deliver suppressor T-cell microRNA-150 to effector T cells to inhibit contact sensitivity. Journal of Allergy and Clinical Immunology, 2013, 132, 170-181.e9.	2.9	187
64	Immunoglobulinfree light chains reduce in an antigen-specific manner the rate of rise of action potentials of mouse non-nociceptive dorsal root ganglion neurons. Journal of Neuroimmunology, 2013, 264, 14-23.	2.3	5
65	<i>></i> -3 Long-chain PUFA reduce allergy-related mediator release by human mast cells <i>in vitro</i> via inhibition of reactive oxygen species. British Journal of Nutrition, 2013, 109, 1821-1831.	2.3	41
66	Characterization of the Toll-like Receptor Expression Profile in Human Multiple Myeloma Cells. PLoS ONE, 2013, 8, e60671.	2.5	30
67	Dendritic Cells in Pathogenesis of COPD. Current Pharmaceutical Design, 2012, 18, 2329-2335.	1.9	37
68	An Association between Neutrophils and Immunoglobulin Free Light Chains in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 817-824.	5.6	55
69	Immunobiology of Antigen-Specific Immunoglobulin Free Light Chains in Chronic Inflammatory Diseases. Current Pharmaceutical Design, 2012, 18, 2278-2289.	1.9	12
70	Editorial [Hot Topic: Modulation and New Mediators in Inflammation Executive (Guest Editor: Frank A.) Tj ETQqO	0 0 rgBT /	Overlock 10
71	A relation between TGF-β and mast cell tryptase in experimental emphysema models. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1154-1160	3.8	15

Polyclonal Immunoglobulin Free Light Chain and Chronic Inflammation. Mayo Clinic Proceedings, 3.0 15
2012, 87, 1032-1033.

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73	Antigen Binding Characteristics of Immunoglobulin Free Light Chains: Crosslinking by Antigen is Essential to Induce Allergic Inflammation. PLoS ONE, 2012, 7, e40986.	2.5	20
74	Local free light chain expression is increased in chronic rhinosinusitis with nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1165-1172.	5.7	21
75	Proline-glycine-proline as a potential biomarker in chronic obstructive pulmonary disease and cystic fibrosis. Tanaffos, 2012, 11, 12-5.	0.5	5
76	Mast cells and COPD. Pulmonary Pharmacology and Therapeutics, 2011, 24, 367-372.	2.6	35
77	Immunoglobulin Free Light Chains Are Increased in Hypersensitivity Pneumonitis and Idiopathic Pulmonary Fibrosis. PLoS ONE, 2011, 6, e25392.	2.5	41
78	Nonâ€digestible oligosaccharides reduce immunoglobulin free lightâ€chain concentrations in infants at risk for allergy. Pediatric Allergy and Immunology, 2011, 22, 537-542.	2.6	40
79	The role of Toll-like receptor mediated signalling in the pathogenesis of multiple myeloma. Critical Reviews in Oncology/Hematology, 2011, 80, 225-240.	4.4	14
80	Toll-like receptor-9 triggering modulates expression of α-4 integrin on human B lymphocytes and their adhesion to extracellular matrix proteins. Experimental Hematology, 2011, 39, 927-933.	0.4	3
81	Immunoglobulin free light chain levels and rituximab response in rheumatoid arthritis: Comment on the article by Sellam et al. Arthritis and Rheumatism, 2011, 63, 4034-4035.	6.7	3
82	Depletion of CD4 ⁺ CD25 ⁺ T cells switches the wheyâ€allergic response from immunoglobulin E―to immunoglobulin free light chainâ€dependent. Clinical and Experimental Allergy, 2010, 40, 1414-1421.	2.9	15
83	lg-Free Light Chains Play a Crucial Role in Murine Mast Cell-Dependent Colitis and Are Associated with Human Inflammatory Bowel Diseases. Journal of Immunology, 2010, 185, 653-659.	0.8	46
84	Effects of Free Immunoglobulin Light Chains on Viral Myocarditis. Circulation Research, 2010, 106, 1533-1540.	4.5	34
85	Decrease in immunoglobulin free light chains in patients with rheumatoid arthritis upon rituximab (anti-CD20) treatment correlates with decrease in disease activity. Annals of the Rheumatic Diseases, 2010, 69, 2137-2144.	0.9	68
86	Evidence for the involvement of free light chain immunoglobulins in allergic and nonallergic rhinitis. Journal of Allergy and Clinical Immunology, 2010, 125, 139-145.e3.	2.9	79
87	Contribution of IgE and immunoglobulin free light chain in the allergic reaction to cow's milk proteins. Journal of Allergy and Clinical Immunology, 2010, 125, 1308-1314.	2.9	52
88	Mast Cells as Target in Cancer Therapy. Current Pharmaceutical Design, 2009, 15, 1868-1878.	1.9	69
89	Immunoglobulin-free light chains mediate antigen-specific responses of murine dorsal root ganglion neurons. Journal of Neuroimmunology, 2009, 208, 80-86.	2.3	20
90	Atopic and nonâ€atopic allergic disorders: current insights into the possible involvement of free immunoglobulin light chains. Clinical and Experimental Allergy, 2009, 39, 33-42.	2.9	29

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91	Cigarette smoke suppresses <i>in vitro</i> allergic activation of mouse mast cells. Clinical and Experimental Allergy, 2009, 39, 679-687.	2.9	23
92	Mechanisms of allergy and asthma. European Journal of Pharmacology, 2008, 585, 354-360.	3.5	62
93	Free immunoglobulin light chains: a novel target in the therapy of inflammatory diseases. Trends in Pharmacological Sciences, 2008, 29, 170-174.	8.7	55
94	Cigarette smoke stimulates the production of chemokines in mast cells. Journal of Leukocyte Biology, 2008, 83, 575-580.	3.3	36
95	Immunoglobulin Free Light Chains in Immune Responses. Current Immunology Reviews, 2008, 4, 88-100.	1.2	2
96	IgE and immunoglobulin free light chains in allergic disease: new therapeutic opportunities. Current Opinion in Investigational Drugs, 2008, 9, 1185-91.	2.3	0
97	Animal models of anaphylaxis. Current Opinion in Allergy and Clinical Immunology, 2007, 7, 355-359.	2.3	10
98	Topical application of F991, an immunoglobulin free light chain antagonist, prevents development of contact sensitivity in mice. Clinical and Experimental Allergy, 2007, 37, 270-275.	2.9	19
99	Stimulation of cysteinyl leukotriene production in mast cells by heat shock and acetylsalicylic acid. European Journal of Pharmacology, 2007, 561, 214-219.	3.5	8
100	Acetylsalicylic acid–induced release of HSP70 from mast cells results in cell activation through TLR pathway. Experimental Hematology, 2006, 34, 8-18.	0.4	50
101	Induction of HSP70 is dispensable for anti-inflammatory action of heat shock or NSAIDs in mast cells. Experimental Hematology, 2006, 34, 414-423.	0.4	17
102	Free immunoglobulin light chains as target in the treatment of chronic inflammatory diseases. European Journal of Pharmacology, 2006, 533, 319-326.	3.5	57
103	Aspirin induces the production of the inflammatory mediator 8-epi-PGF in mast cells. European Journal of Pharmacology, 2006, 543, 190-193.	3.5	4
104	Dual effects of acetylsalicylic acid on mast cell degranulation, expression of cyclooxygenase-2 and release of pro-inflammatory cytokines. Biochemical Pharmacology, 2005, 69, 1049-1057.	4.4	37
105	Mast cell activation is differentially affected by heat shock. Experimental Hematology, 2005, 33, 944-952.	0.4	15
106	From The Cover: Elicitation of allergic asthma by immunoglobulin free light chains. Proceedings of the United States of America, 2005, 102, 1578-1583.	7.1	88
107	Substance P can stimulate prostaglandin D2 and leukotriene C4 generation without granule exocytosis in murine mast cells. European Journal of Pharmacology, 2004, 489, 49-54.	3.5	19
108	Murine Model for Non-IgE-Mediated Asthma. Inflammation, 2004, 28, 115-125.	3.8	19

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109	Mast Cells. , 2004, , 237-261.		2
110	Lung proteome alterations in a mouse model for nonallergic asthma. Proteomics, 2003, 3, 2008-2018.	2.2	40
111	Immunoglobulin free light chains and mast cells: pivotal role in T-cell-mediated immune reactions?. Trends in Immunology, 2003, 24, 181-185.	6.8	81
112	Functional Expression of Neurokinin 1 Receptors on Mast Cells Induced by IL-4 and Stem Cell Factor. Journal of Immunology, 2003, 171, 2074-2079.	0.8	138
113	Subunits of IgM Reconstitute Defective Contact Sensitivity in B-1 Cell-Deficient <i>xid</i> Mice: κ Light Chains Recruit T Cells Independent of Complement. Journal of Immunology, 2002, 169, 4113-4123.	0.8	30
114	Key Role for Mast Cells in Nonatopic Asthma. Journal of Immunology, 2002, 169, 2044-2053.	0.8	72
115	Mast Cell-Derived TNF-α Primes Sensory Nerve Endings in a Pulmonary Hypersensitivity Reaction. Journal of Immunology, 2002, 168, 5297-5302.	0.8	65
116	The neurokinin-1 receptor is crucial for the development of nonatopic asthma. Journal of Allergy and Clinical Immunology, 2002, 109, S26-S26.	2.9	0
117	Key role for mast cells in nonatopic asthma. Journal of Allergy and Clinical Immunology, 2002, 109, S34-S34.	2.9	0
118	A new mechanism for asthma: Immunoglobulin light chain induces bronchoconstriction and airway inflammation in mice. Journal of Allergy and Clinical Immunology, 2002, 109, S34-S34.	2.9	0
119	Immunoglobulin free light chains mediate immediate hypersensitivity-like responses. Journal of Allergy and Clinical Immunology, 2002, 109, S115-S115.	2.9	0
120	Characterization of a phosphorylated peptide and peptoid and peptoid-peptide hybrids by mass spectrometry. Journal of Mass Spectrometry, 2002, 37, 47-55.	1.6	24
121	Immunoglobulin-free light chains elicit immediate hypersensitivity-like responses. Nature Medicine, 2002, 8, 694-701.	30.7	177
122	Stem cell factor and interleukin-4 increase responsiveness of mast cells to Substance P. Experimental Hematology, 2000, 28, 626-634.	0.4	41
123	Stem cell factor and Interleukin-4 induce murine bone marrow cells to develop into mast cells with connective tissue type characteristics in vitro. Experimental Hematology, 1999, 27, 654-662.	0.4	61
124	Ecto-protein kinases: ecto-domain phosphorylation as a novel target for pharmacological manipulation?. Trends in Pharmacological Sciences, 1999, 20, 453-459.	8.7	85
125	Phosphorylation of T-lymphocyte plasma membrane-associated proteins by ectoprotein kinases: implications for a possible role for ectophosphorylation in T-cell effector functions. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1328, 151-165.	2.6	33
126	Nitric oxide production by macrophages stimulated by antigen-binding T-cell factors. Immunology Letters, 1997, 57, 147-149.	2.5	1

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127	LFA-1, and not Mac-1, is crucial for the development of hyperreactivity in a murine model of nonallergic asthma American Journal of Respiratory and Critical Care Medicine, 1996, 153, 521-529.	5.6	26
128	Role of Extracellular ATP and P1 and P2 Classes of Purinergic Receptors in T-cell Development and Cytotoxic T Lymphocyte Effector Functions. Immunological Reviews, 1995, 146, 5-19.	6.0	95
129	Cell-mediated cytotoxicity: contact and secreted factors. Current Opinion in Immunology, 1993, 5, 404-410.	5.5	72
130	Interaction with cellular ATP generating pathways mediates menadione-induced cytotoxicity in isolated rat hepatocytes. Archives of Biochemistry and Biophysics, 1990, 280, 130-136.	3.0	28
131	Hepatic, intestinal and renal transport of 1-naphthol-β-d-glucuronide in mutant rats with hereditary-conjugated hyperbilirubinemia. Naunyn-Schmiedeberg's Archives of Pharmacology, 1989, 340, 588-592.	3.0	43
132	Alterations in energy status by menadione metabolism in hepatocytes isolated from fasted and fed rats. Archives of Biochemistry and Biophysics, 1989, 273, 215-222.	3.0	38
133	Determination of glutathione in biological material by flow-injection analysis using an enzymatic recycling reaction. Analytical Biochemistry, 1988, 174, 489-495.	2.4	55