

Zlatko Dembic

List of Publications by Year in descending order

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91
papers

5,670
citations

126708

33
h-index

74018

75
g-index

92
all docs

92
docs citations

92
times ranked

4617
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer of specificity by murine $\hat{1}\pm$ and $\hat{1}^2$ T-cell receptor genes. Nature, 1986, 320, 232-238.	13.7	583
2	Molecular cloning and expression of the human interferon- $\hat{1}^3$ receptor. Cell, 1988, 55, 273-280.	13.5	511
3	In transgenic mice the introduced functional T cell receptor $\hat{1}^2$ gene prevents expression of endogenous $\hat{1}^2$ genes. Cell, 1988, 52, 831-841.	13.5	364
4	Peripheral deletion of self-reactive B cells. Nature, 1991, 354, 308-311.	13.7	348
5	Expression of T-cell antigen receptor genes during fetal development in the thymus. Nature, 1985, 315, 232-233.	13.7	296
6	Two human TNF receptors have similar extracellular, but distinct intracellular, domain sequences. Cytokine, 1990, 2, 231-237.	1.4	251
7	Qa-1 restricted recognition of foreign antigen by a $\hat{1}^3\hat{1}$ T-cell hybridoma. Nature, 1989, 340, 646-650.	13.7	240
8	Impaired Differentiation of Schwann Cells in Transgenic Mice with Increased <i>PMP22</i> Gene Dosage. Journal of Neuroscience, 1996, 16, 5351-5360.	1.7	234
9	Transfection of the CD8 gene enhances T-cell recognition. Nature, 1987, 326, 510-511.	13.7	180
10	Human catechol-O-methyltransferase: cloning and expression of the membrane-associated form.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1416-1420.	3.3	176
11	How Do CD4+ T Cells Detect and Eliminate Tumor Cells That Either Lack or Express MHC Class II Molecules?. Frontiers in Immunology, 2014, 5, 174.	2.2	166
12	Naive idotype-specific CD4+ T cells and immunosurveillance of B-cell tumors.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5700-5704.	3.3	140
13	HLA class II sequence variants influence tuberculosis risk in populations of European ancestry. Nature Genetics, 2016, 48, 318-322.	9.4	123
14	Targeted disruption of the interferon- \hat{A} receptor 2 gene results in severe immune defects in mice. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8233-8238.	3.3	122
15	The gene encoding the T-cell receptor $\hat{1}\pm$ -chain maps close to the Np-2 locus on mouse chromosome 14. Nature, 1985, 314, 271-273.	13.7	98
16	A Causative Relationship between Mutant IFN $\hat{1}$ Alleles and Impaired Cellular Response to IFN $\hat{1}^3$ in a Compound Heterozygous Child. American Journal of Human Genetics, 1998, 62, 723-727.	2.6	97
17	Role of Interleukin-1 Inhibitors in Osteoarthritis. Drugs and Aging, 2012, 29, 343-358.	1.3	94
18	Cloning of murine interferon gamma receptor cDNA: expression in human cells mediates high-affinity binding but is not sufficient to confer sensitivity to murine interferon gamma.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9901-9905.	3.3	93

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19	Naive CD4+ T cells confer idio-type-specific tumor resistance in the absence of antibodies. <i>European Journal of Immunology</i> , 1995, 25, 3079-3086.	1.6	80
20	Dendritic cells purified from myeloma are primed with tumor-specific antigen (idiotype) and activate CD4+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2697-2702.	3.3	73
21	The lymphoproliferating cells of MRL-lpr/lpr mice are a polyclonal population that bear the T lymphocyte receptor for antigen. <i>European Journal of Immunology</i> , 1985, 15, 760-764.	1.6	72
22	Liver Metastasis of Cancer Facilitated by Chemokine Receptor CCR6. <i>Scandinavian Journal of Immunology</i> , 2003, 57, 534-544.	1.3	67
23	Weak positive selection of transgenic T cell receptor-bearing thymocytes: importance of major histocompatibility complex class II, T cell receptor and CD4 surface molecule densities. <i>European Journal of Immunology</i> , 1992, 22, 703-709.	1.6	65
24	Major histocompatibility complex gene organization in the mole rat <i>Spalax ehrenbergi</i> : evidence for transfer of function between class II genes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 5828-5832.	3.3	54
25	Molecular, cellular, and functional properties of bone marrow T lymphocyte progenitor clones.. <i>Journal of Experimental Medicine</i> , 1987, 166, 12-32.	4.2	53
26	Interferon-gamma Gene (T874A and G2109A) Polymorphisms Are Associated With Microscopy-positive Tuberculosis. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 136-141.	1.3	53
27	Interferon-gamma Receptor-1 Gene Promoter Polymorphisms (G-611A; T-56C) and Susceptibility to Tuberculosis. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 142-150.	1.3	52
28	Genetic Polymorphisms in the Toll-like Receptor 10, Interleukin (IL)17A and IL17F Genes Differently Affect the Risk for Tuberculosis in Croatian Population. <i>Scandinavian Journal of Immunology</i> , 2015, 82, 63-69.	1.3	52
29	Toll-Like Receptor 2 (P631H) Mutant Impairs Membrane Internalization and is a Dominant Negative Allele. <i>Scandinavian Journal of Immunology</i> , 2010, 71, 369-381.	1.3	50
30	Interferon-gamma Receptor-1 Gene Polymorphism in Tuberculosis Patients from Croatia. <i>Scandinavian Journal of Immunology</i> , 2003, 57, 480-484.	1.3	48
31	Single-Nucleotide Polymorphisms in Genes Encoding Toll-Like Receptor -2, -3, -4, and -9 in Case-€“Control Study with Breast Cancer. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 729-734.	0.3	46
32	Antitumor Drugs and Their Targets. <i>Molecules</i> , 2020, 25, 5776.	1.7	39
33	Immune system protects integrity of tissues. <i>Molecular Immunology</i> , 2000, 37, 563-569.	1.0	38
34	Cancer-associated mutations in the ribosomal protein L5 gene dysregulate the HDM2/p53-mediated ribosome biogenesis checkpoint. <i>Oncogene</i> , 2020, 39, 3443-3457.	2.6	33
35	Interleukin-17 and Toll-like Receptor 10 genetic polymorphisms and susceptibility to large joint osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1684-1693.	1.2	30
36	Association of the FAM46A Gene VNTRs and BAG6 rs3117582 SNP with Non Small Cell Lung Cancer (NSCLC) in Croatian and Norwegian Populations. <i>PLoS ONE</i> , 2015, 10, e0122651.	1.1	28

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37	Rearrangements of T cell receptor loci can be found only rarely in B lymphoid cells. <i>European Journal of Immunology</i> , 1986, 16, 430-434.	1.6	27
38	Phagocytic dendritic cells from myelomas activate tumor-specific T cells at a single cell level. <i>Blood</i> , 2001, 97, 2808-2814.	0.6	27
39	Association Studies of Gene Polymorphisms in Toll-Like Receptors 2 and 4 in Croatian Patients with Acute Myocardial Infarction. <i>Scandinavian Journal of Immunology</i> , 2012, 75, 517-523.	1.3	26
40	The gene for the ligand binding chain of the human interferon gamma receptor. <i>Immunogenetics</i> , 1997, 45, 413-421.	1.2	25
41	Single Nucleotide Polymorphism in the Interleukin 12B Gene is Associated with Risk for Breast Cancer Development. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 329-335.	1.3	25
42	Flexibility of the T cell repertoire. Self tolerance causes a shift of T cell receptor gene usage in response to insulin. <i>Journal of Experimental Medicine</i> , 1990, 171, 1665-1681.	4.2	22
43	Do We Need Integrity?. <i>Scandinavian Journal of Immunology</i> , 1996, 44, 549-550.	1.3	22
44	Associations of the Interleukin-1 Gene Locus Polymorphisms with Risk to Hip and Knee Osteoarthritis: Gender and Subpopulation Differences. <i>Scandinavian Journal of Immunology</i> , 2013, 77, 151-161.	1.3	20
45	Alcohol dehydrogenase activity in rat kidney cortex stimulated by oestradiol. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1982, 714, 331-336.	1.1	19
46	Polymorphisms in an interferon- γ receptor-1 gene marker and susceptibility to periodontitis*. <i>Acta Odontologica Scandinavica</i> , 2003, 61, 297-302.	0.9	19
47	Susceptibility to large-joint osteoarthritis (hip and knee) is associated with BAG6 rs3117582 SNP and the VNTR polymorphism in the second exon of the FAM46A gene on chromosome 6. <i>Journal of Orthopaedic Research</i> , 2015, 33, 56-62.	1.2	19
48	The Structure of the Gene for the Second Chain of the Human Interferon- γ Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 28947-28952.	1.6	18
49	IL1B -511(G>A) and IL1RN (VNTR) allelic polymorphisms and susceptibility to knee osteoarthritis in Croatian population. <i>Rheumatology International</i> , 2012, 32, 2135-2141.	1.5	18
50	The role of T-cell receptor α and β genes in MHC-restricted antigen recognition. <i>Trends in Immunology</i> , 1986, 7, 308-311.	7.5	17
51	T Cells with Two Tcr β Chains and Reactivity to both MHC/Idiotypic Peptide and Superantigen. <i>Cellular Immunology</i> , 1996, 170, 283-290.	1.4	17
52	Hip osteoarthritis susceptibility is associated with IL1B \sim 511(G>A) and IL1 RN (VNTR) genotypic polymorphisms in Croatian caucasian population. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1137-1144.	1.2	17
53	Polymorphisms in the Interleukin-1 Gene Locus and Chronic Periodontitis in Patients with Atherosclerotic and Aortic Aneurysmal Vascular Diseases. <i>Scandinavian Journal of Immunology</i> , 2014, 79, 338-345.	1.3	17
54	Emerging Pathways and Promising Agents with Possible Disease Modifying Effect in Osteoarthritis Treatment. <i>Current Drug Targets</i> , 2014, 15, 635-661.	1.0	17

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55	GENOMIC ORGANIZATION AND PROMOTER ANALYSIS OF THE GENE <i>ifngr2</i> ENCODING THE SECOND CHAIN OF THE MOUSE INTERFERON- β RECEPTOR. <i>Scandinavian Journal of Immunology</i> , 1996, 44, 599-606.	1.3	15
56	Transcriptional Activation of the <i>SH2D2A</i> Gene Is Dependent on a Cyclic Adenosine 5'-Monophosphate-Responsive Element in the Proximal <i>SH2D2A</i> Promoter. <i>Journal of Immunology</i> , 2004, 172, 6144-6151.	0.4	15
57	Family-with-sequence-similarity-46, member A (<i>Fam46a</i>) gene is expressed in developing tooth buds. <i>Archives of Oral Biology</i> , 2009, 54, 1002-1007.	0.8	15
58	Association of Variable Number of Tandem Repeats in the Coding Region of the <i>FAM46A</i> Gene, <i>FAM46A</i> rs11040 SNP and <i>BAG6</i> rs3117582 SNP with Susceptibility to Tuberculosis. <i>PLoS ONE</i> , 2014, 9, e91385.	1.1	15
59	Preferential Positive Selection of T Lymphocytes which Express Two Different TCR α Chains, an Endogenous and a Transgenic. <i>Scandinavian Journal of Immunology</i> , 1995, 42, 651-661.	1.3	14
60	Beginning of the End of (Understanding) the Immune Response. <i>Scandinavian Journal of Immunology</i> , 2008, 68, 381-382.	1.3	13
61	The Function of Toll-Like Receptors. , 2005, , 18-55.		12
62	Interferon β Receptor Extracellular Domain Expressed as IgG Fusion Protein in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 3958-3964.	1.6	12
63	The Intracellular Domain of the Second Chain of the Interferon- β Receptor Is Interchangeable Between Species. <i>Journal of Interferon and Cytokine Research</i> , 1996, 16, 1039-1045.	0.5	11
64	Response to Cohn: The Immune System Rejects the Harmful, Protects the Useful and Neglects the Rest of Microorganisms. <i>Scandinavian Journal of Immunology</i> , 2004, 60, 3-5.	1.3	11
65	Immunotherapy in multiple myeloma: Id-specific strategies suggested by studies in animal models. <i>Cancer Immunology, Immunotherapy</i> , 2004, 53, 759-69.	2.0	11
66	Polymorphisms in the interleukin-10 gene and chronic periodontitis in patients with atherosclerotic and aortic aneurysmal vascular diseases. <i>Journal of Oral Microbiology</i> , 2015, 7, 26051.	1.2	11
67	Immunological Tolerance. Part I of a Report of a Workshop on Foundational Concepts of Immune Regulation. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 84-94.	1.3	11
68	Mouse Macrophages Carrying Both Subunits of the Human Interferon- β (IFN- β) Receptor Respond to Human IFN- β but Do Not Acquire Full Protection against Viral Cytopathic Effect. <i>Journal of Biological Chemistry</i> , 1996, 271, 32659-32666.	1.6	10
69	Alternative Interleukin 17A/F Locus Haplotypes Are Associated With Increased Risk to Hip and Knee Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1972-1978.	1.2	10
70	On recognizing <i>hades</i> ™ (<i>S</i> -elfâ€“ <i>N</i> -onself <i>D</i> -iscrimination) or <i>C</i> -olour™ (<i>I</i> -ntegrity <i>M</i> -odel) by The <i>I</i> -mmune <i>S</i> -ystem. <i>Scandinavian Journal of Immunology</i> , 2013, 78, 325-338.	1.3	6
71	On integrity in immunity during ontogeny or how thymic regulatory T cells work. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12806.	1.3	6
72	The nucleotide sequence of the mouse <i>H-2Eβ w28</i> gene. <i>Immunogenetics</i> , 1986, 24, 324-327.	1.2	5

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73	Heterozygous Carriage of a Dysfunctional Toll-like Receptor 9 Allele Affects CpG Oligonucleotide Responses in B Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 24544-24553.	1.6	5
74	Interferon- β Receptor Extracellular Domain-IgG Fusion Protein Produced in Chinese Hamster Ovary Cells as Mixture of Glycoforms. <i>Journal of Interferon and Cytokine Research</i> , 1995, 15, 309-315.	0.5	4
75	1-ethyl-3-(6-methylphenanthridine-8-yl) urea modulates TLR3/9 activation and induces selective pro-inflammatory cytokine expression in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1530-1537.	1.0	4
76	Immune Class Regulation and Its Medical Significance Part II of a Report of a Workshop on Foundational Concepts of Immune Regulation. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 242-250.	1.3	4
77	Critical Elements in Case-Control Studies in Predisposition to Tuberculosis. <i>Scandinavian Journal of Immunology</i> , 2003, 58, 386-386.	1.3	3
78	A History of Modern Immunology: The Path Toward Understanding™ By Zoltan Nagy. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 151-151.	1.3	3
79	Activation of Cells of the Immune System. , 2015, , 57-98.		3
80	The Role and Regulation of the Immune Responses. , 2015, , 99-122.		3
81	The case for allele-specific recognition by the TCR. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12790.	1.3	3
82	Pharmaco-Therapeutic Challenges in Cancer Biology with Focus on the Immune- System Related Risk Factors. <i>Current Pharmaceutical Design</i> , 2014, 20, 6652-6659.	0.9	3
83	Transcription of a T cell receptor β chain gene in L cell fibroblasts following DNA-mediated gene transfer. <i>European Journal of Immunology</i> , 1987, 17, 1371-1374.	1.6	2
84	Transient overexpression of CD4 enhances allelic exclusion of T-cell receptor (TCR) α chains and promotes positive selection of class II-restricted TCR-transgenic thymocytes. <i>Molecular Immunology</i> , 1998, 35, 23-38.	1.0	2
85	Detection of Hemizygous Chromosomal Copy Number Variants in Williams-Beuren Syndrome (WBS) by Duplex Quantitative PCR Array: An Unusual Type of WBS Genetic Defect. <i>International Journal of Biomedical Science</i> , 2008, 4, 161-70.	0.5	2
86	Defending and Integrating an Organism by the Immune System. <i>Scandinavian Journal of Immunology</i> , 2022, , e13172.	1.3	2
87	Two Distinct Human TNF Receptors: Purification, Molecular Cloning and Expression. , 1992, , 34-46.		1
88	Theories about the Function of the Immune System. , 2015, , 283-302.		1
89	Transient overexpression of CD4 enhances allelic exclusion of T-cell receptor (TCR) α chains and promotes positive selection of class II-restricted TCR-transgenic thymocytes. <i>Molecular Immunology</i> , 1998, 35, 23-38.	1.0	1
90	My Basel Institute for Immunology, My BII, My Bias. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 505-507.	1.3	0

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91	Cytokines in Innate Immunity. , 2021, , .		0