Zlatko Dembic

List of Publications by Year
in descending order

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	Defending and Integrating an Organism by the Immune System. Scandinavian Journal of Immunology, 2022, , e13172.	1.3	2
2	Cytokines in Innate Immunity. , 2021, , .		0
3	Antitumor Drugs and Their Targets. Molecules, 2020, 25, 5776.	1.7	39
4	Cancer-associated mutations in the ribosomal protein L5 gene dysregulate the HDM2/p53-mediated ribosome biogenesis checkpoint. Oncogene, 2020, 39, 3443-3457.	2.6	33
5	On integrity in immunity during ontogeny or how thymic regulatory T cells work. Scandinavian Journal of Immunology, 2019, 90, e12806.	1.3	6
6	The case for alleleâ€specific recognition by the TCR. Scandinavian Journal of Immunology, 2019, 90, e12790.	1.3	3
7	Alternative Interleukin 17A/F Locus Haplotypes Are Associated With Increased Risk to Hip and Knee Osteoarthritis. Journal of Orthopaedic Research, 2019, 37, 1972-1978.	1.2	10
8	Interleukinâ€17 and Tollâ€like Receptor 10 genetic polymorphisms and susceptibility to large joint osteoarthritis. Journal of Orthopaedic Research, 2018, 36, 1684-1693.	1.2	30
9	1-ethyl-3-(6-methylphenanthridine-8-il) urea modulates TLR3/9 activation and induces selective pro-inflammatory cytokine expression in vitro. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1530-1537.	1.0	4
10	Immune Class Regulation and Its Medical Significance Part II of a Report of a Workshop on Foundational Concepts of Immune Regulation. Scandinavian Journal of Immunology, 2017, 85, 242-250.	1.3	4
11	Immunological Tolerance. Part I of a Report of a Workshop on Foundational Concepts of Immune Regulation. Scandinavian Journal of Immunology, 2017, 85, 84-94.	1.3	11
12	HLA class II sequence variants influence tuberculosis risk in populations of European ancestry. Nature Genetics, 2016, 48, 318-322.	9.4	123
13	â€˜A History of Modern Immunology: The Path Toward Understandingâ€™ By Zoltan Nagy. Scandinavian Journal of Immunology, 2015, 81, 151-151.	1.3	3
14	Polymorphisms in the interleukin-10 gene and chronic periodontitis in patients with atherosclerotic and aortic aneurysmal vascular diseases. Journal of Oral Microbiology, 2015, 7, 26051.	1.2	11
15	Genetic Polymorphisms in the Tollâ€like Receptor 10, Interleukin (IL)17A and IL17F Genes Differently Affect the Risk for Tuberculosis in Croatian Population. Scandinavian Journal of Immunology, 2015, 82, 63-69.	1.3	52
16	Association of the FAM46A Gene VNTRs and BAG6 rs3117582 SNP with Non Small Cell Lung Cancer (NSCLC) in Croatian and Norwegian Populations. PLoS ONE, 2015, 10, e0122651.	1.1	28
17	Activation of Cells of the Immune System. , 2015, , 57-98.		3
18	The Role and Regulation of the Immune Responses. , 2015, , 99-122.		3

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19	Theories about the Function of the Immune System. , 2015, , 283-302.		1
20	Susceptibility to largeâ€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. Journal of Orthopaedic Research, 2015, 33, 56-62.	1.2	19
21	Association of Variable Number of Tandem Repeats in the Coding Region of the FAM46A Gene, FAM46A rs11040 SNP and BAG6 rs3117582 SNP with Susceptibility to Tuberculosis. PLoS ONE, 2014, 9, e91385.	1.1	15
22	Polymorphisms in the Interleukinâ€1 Gene Locus and Chronic Periodontitis in Patients with Atherosclerotic and Aortic Aneurysmal Vascular Diseases. Scandinavian Journal of Immunology, 2014, 79, 338-345.	1.3	17
23	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
24	Pharmaco-Therapeutic Challenges in Cancer Biology with Focus on the Immune- System Related Risk Factors. Current Pharmaceutical Design, 2014, 20, 6652-6659.	0.9	3
25	Emerging Pathways and Promising Agents with Possible Disease Modifying Effect in Osteoarthritis Treatment. Current Drug Targets, 2014, 15, 635-661.	1.0	17
26	On <scp>R</scp>ecognizing â€˜<scp>S</scp>hadesâ€ofâ€<scp>G</scp>rayâ€™ (<scp>S</scp>elfâ€“<scp>N</scp>onself <scp>D</scp>iscrimination) or â€˜<scp>C</scp>olourâ€™ (<scp>I</scp>ntegrity <scp>M</scp>odel) by The <scp>I</scp>mmune <scp>S</scp>ystem. Scandinavian Journal of Immunology, 2013, 78, 325-338.	1.3	6
27	Associations of the Interleukinâ€1 Gene Locus Polymorphisms with Risk to Hip and Knee Osteoarthritis: Gender and Subpopulation Differences. Scandinavian Journal of Immunology, 2013, 77, 151-161.	1.3	20
28	Single Nucleotide Polymorphism in the Interleukin 12B Gene is Associated with Risk for Breast Cancer Development. Scandinavian Journal of Immunology, 2012, 76, 329-335.	1.3	25
29	Heterozygous Carriage of a Dysfunctional Toll-like Receptor 9 Allele Affects CpG Oligonucleotide Responses in B Cells. Journal of Biological Chemistry, 2012, 287, 24544-24553.	1.6	5
30	Role of Interleukin-1 Inhibitors in Osteoarthritis. Drugs and Aging, 2012, 29, 343-358.	1.3	94
31	IL1B -511(G>A) and IL1RN (VNTR) allelic polymorphisms and susceptibility to knee osteoarthritis in Croatian population. Rheumatology International, 2012, 32, 2135-2141.	1.5	18
32	Association Studies of Gene Polymorphisms in Tollâ€Like Receptors 2 and 4 in Croatian Patients with Acute Myocardial Infarction. Scandinavian Journal of Immunology, 2012, 75, 517-523.	1.3	26
33	My Basel Institute for Immunology, My BII, My Bias. Scandinavian Journal of Immunology, 2011, 73, 505-507.	1.3	0
34	Hip osteoarthritis susceptibility is associated with IL1B â^'511(G>A) and IL1 RN (VNTR) genotypic polymorphisms in Croatian caucasian population. Journal of Orthopaedic Research, 2011, 29, 1137-1144.	1.2	17
35	Toll-Like Receptor 2 (P631H) Mutant Impairs Membrane Internalization and is a Dominant Negative Allele. Scandinavian Journal of Immunology, 2010, 71, 369-381.	1.3	50
36	Family-with-sequence-similarity-46, member A (Fam46a) gene is expressed in developing tooth buds. Archives of Oral Biology, 2009, 54, 1002-1007.	0.8	15

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37	Single-Nucleotide Polymorphisms in Genes Encoding Toll-Like Receptor -2, -3, -4, and -9 in Caseâ€“Control Study with Breast Cancer. Genetic Testing and Molecular Biomarkers, 2009, 13, 729-734.	0.3	46
38	Beginning of the End of (Understanding) the Immune Response. Scandinavian Journal of Immunology, 2008, 68, 381-382.	1.3	13
39	Detection of Hemizygous Chromosomal Copy Number Variants in Williams-Beuren Syndrome (WBS) by Duplex Quantitative PCR Array: An Unusual Type of WBS Genetic Defect. International Journal of Biomedical Science, 2008, 4, 161-70.	0.5	2
40	Interferon-gamma Receptor-1 Gene Promoter Polymorphisms (G-611A; T-56C) and Susceptibility to Tuberculosis. Scandinavian Journal of Immunology, 2006, 63, 142-150.	1.3	52
41	Interferon-gamma Gene (T874A and G2109A) Polymorphisms Are Associated With Microscopy-positive Tuberculosis. Scandinavian Journal of Immunology, 2006, 63, 136-141.	1.3	53
42	The Function of Toll-Like Receptors. , 2005, , 18-55.		12
43	Transcriptional Activation of theSH2D2AGene Is Dependent on a Cyclic Adenosine 5â€²-Monophosphate-Responsive Element in the ProximalSH2D2APromoter. Journal of Immunology, 2004, 172, 6144-6151.	0.4	15
44	Response to Cohn: The Immune System Rejects the Harmful, Protects the Useful and Neglects the Rest of Microorganisms. Scandinavian Journal of Immunology, 2004, 60, 3-5.	1.3	11
45	Immunotherapy in multiple myeloma: Id-specific strategies suggested by studies in animal models. Cancer Immunology, Immunotherapy, 2004, 53, 759-69.	2.0	11
46	Interferon-gamma Receptor-1 Gene Polymorphism in Tuberculosis Patients from Croatia. Scandinavian Journal of Immunology, 2003, 57, 480-484.	1.3	48
47	Liver Metastasis of Cancer Facilitated by Chemokine Receptor CCR6. Scandinavian Journal of Immunology, 2003, 57, 534-544.	1.3	67
48	Critical Elements in Case-Control Studies in Predisposition to Tuberculosis. Scandinavian Journal of Immunology, 2003, 58, 386-386.	1.3	3
49	Polymorphisms in an interferonâ€Î³ receptorâ€1 gene marker and susceptibility to periodontitis*. Acta Odontologica Scandinavica, 2003, 61, 297-302.	0.9	19
50	Phagocytic dendritic cells from myelomas activate tumor-specific T cells at a single cell level. Blood, 2001, 97, 2808-2814.	0.6	27
51	Dendritic cells purified from myeloma are primed with tumor-specific antigen (idiotype) and activate CD4+ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 2697-2702.	3.3	73
52	Immune system protects integrity of tissues. Molecular Immunology, 2000, 37, 563-569.	1.0	38
53	Transient overexpression of CD4 enhances allelic exclusion of T-cell receptor (TCR) Î± chains and promotes positive selection of class II-restricted TCR-transgenic thymocytes. Molecular Immunology, 1998, 35, 23-38.	1.0	2
54	A Causative Relationship between Mutant IFNgR1 Alleles and Impaired Cellular Response to IFNÎ³ in a Compound Heterozygous Child. American Journal of Human Genetics, 1998, 62, 723-727.	2.6	97

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55	Targeted disruption of the interferon-Â 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
56	Transient overexpression of CD4 enhances allelic exclusion of T-cell receptor (TCR) alpha chains and promotes positive selection of class II-restricted TCR-transgenic thymocytes. Molecular Immunology, 1998, 35, 23-38.	1.0	1
57	The gene for the ligand binding chain of the human interferon gamma receptor. Immunogenetics, 1997, 45, 413-421.	1.2	25
58	Impaired Differentiation of Schwann Cells in Transgenic Mice with IncreasedPMP22Gene Dosage. Journal of Neuroscience, 1996, 16, 5351-5360.	1.7	234
59	The Intracellular Domain of the Second Chain of the Interferon-Î³ Receptor Is Interchangeable Between Species. Journal of Interferon and Cytokine Research, 1996, 16, 1039-1045.	0.5	11
60	T Cells with Two TcrÎ² Chains and Reactivity to both MHC/Idiotypic Peptide and Superantigen. Cellular Immunology, 1996, 170, 283-290.	1.4	17
61	GENOMIC ORGANIzATION AND PROMOTER ANALYSIS OF THE GENE ifngr2 ENCODING THE SECOND CHAIN OF THE MOUSE INTERFERONâ€Î³ RECEPTOR. Scandinavian Journal of Immunology, 1996, 44, 599-606.	1.3	15
62	Do We Need Integrity?. Scandinavian Journal of Immunology, 1996, 44, 549-550.	1.3	22
63	Mouse Macrophages Carrying Both Subunits of the Human Interferon-Î³ (IFN-Î³) Receptor Respond to Human IFN-Î³ but Do Not Acquire Full Protection against Viral Cytopathic Effect. Journal of Biological Chemistry, 1996, 271, 32659-32666.	1.6	10
64	The Structure of the Gene for the Second Chain of the Human Interferon-Î³ Receptor. Journal of Biological Chemistry, 1996, 271, 28947-28952.	1.6	18
65	Naive CD4+ T cells confer idiotype-specific tumor resistance in the absence of antibodies. European Journal of Immunology, 1995, 25, 3079-3086.	1.6	80
66	Preferential Positive Selection of T Lymphocytes which Express Two Different TCRalpha Chains, an Endogenous and a Transgenic. Scandinavian Journal of Immunology, 1995, 42, 651-661.	1.3	14
67	Interferon-Î³ Receptor Extracellular Domainâ€"IgG Fusion Protein Produced in Chinese Hamster Ovary Cells as Mixture of Glycoforms. Journal of Interferon and Cytokine Research, 1995, 15, 309-315.	0.5	4
68	Interferon Î³ Receptor Extracellular Domain Expressed as IgG Fusion Protein in Chinese Hamster Ovary Cells. Journal of Biological Chemistry, 1995, 270, 3958-3964.	1.6	12
69	Naive idiotype-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
70	Two Distinct Human TNF Receptors: Purification, Molecular Cloning and Expression. , 1992, , 34-46.		1
71	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. European Journal of Immunology, 1992, 22, 703-709.	1.6	65
72	Peripheral deletion of self-reactive B cells. Nature, 1991, 354, 308-311.	13.7	348

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73	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
74	Flexibility of the T cell repertoire. Self tolerance causes a shift of T cell receptor gene usage in response to insulin.. Journal of Experimental Medicine, 1990, 171, 1665-1681.	4.2	22
75	Two human TNF receptors have similar extracellular, but distinct intracellular, domain sequences. Cytokine, 1990, 2, 231-237.	1.4	251
76	Qa-1 restricted recognition of foreign antigen by a Î³Î´ T-cell hybridoma. Nature, 1989, 340, 646-650.	13.7	240
77	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
78	Molecular cloning and expression of the human interferon-Î³ receptor. Cell, 1988, 55, 273-280.	13.5	511
79	In transgenic mice the introduced functional T cell receptor Î² gene prevents expression of endogenous Î² genes. Cell, 1988, 52, 831-841.	13.5	364
80	Major histocompatibility complex gene organization in the mole rat Spalax ehrenbergi: evidence for transfer of function between class II genes.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5828-5832.	3.3	54
81	Molecular, cellular, and functional properties of bone marrow T lymphocyte progenitor clones.. Journal of Experimental Medicine, 1987, 166, 12-32.	4.2	53
82	Transcription of a T cell receptor Î² chain gene in L cell fibroblasts following DNA-mediated gene transfer. European Journal of Immunology, 1987, 17, 1371-1374.	1.6	2
83	Transfection of the CD8 gene enhances T-cell recognition. Nature, 1987, 326, 510-511.	13.7	180
84	Rearrangements of T cell receptor loci can be found only rarely in B lymphoid cells. European Journal of Immunology, 1986, 16, 430-434.	1.6	27
85	The role of T-cell receptor Î± and Î² genes in MHC-restricted antigen recognition. Trends in Immunology, 1986, 7, 308-311.	7.5	17
86	The nucleotide sequence of the mouse H-2E Î± w28 gene. Immunogenetics, 1986, 24, 324-327.	1.2	5
87	Transfer of specificity by murine Î± and Î² T-cell receptor genes. Nature, 1986, 320, 232-238.	13.7	583
88	The gene encoding the T-cell receptor Î±-chain maps close to the Np-2 locus on mouse chromosome 14. Nature, 1985, 314, 271-273.	13.7	98
89	Expression of T-cell antigen receptor genes during fetal development in the thymus. Nature, 1985, 315, 232-233.	13.7	296
90	The lymphoproliferating cells of MRL-lpr/lpr mice are a polyclonal population that bear the T lymphocyte receptor for antigen. European Journal of Immunology, 1985, 15, 760-764.	1.6	72

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91	Alcohol dehydrogenase activity in rat kidney cortex stimulated by oestradiol. Biochimica Et Biophysica Acta - General Subjects, 1982, 714, 331-336.	1.1	19