Ivan Lefkovits

List of Publications by Year
in descending order

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106 papers	2,356 citations	236612 25 h-index	253896 43 g-index
106 all docs	106 docs citations	106 times ranked	1256 citing authors

#	Article	IF	Citations
1	A Few Key Historical Events in the Antibody Field: The Alacritous Antibody. Viral Immunology, 2020, 33, 253-265.	0.6	0
2	Integrated Epigenetics of Human Breast Cancer: Synoptic Investigation of Targeted Genes, MicroRNAs and Proteins upon Demethylation Treatment. PLoS ONE, 2011, 6, e27355.	1.1	46
3	Proteome analysis in cardiovascular pathophysiology using Dahl rat model. Journal of Proteomics, 2011, 74, 672-682.	1.2	9
4	Internal standard-based analysis of microarray data2â€"Analysis of functional associations between HVE-genes. Nucleic Acids Research, 2011, 39, 7881-7899.	6.5	14
5	Internal standard-based analysis of microarray data. Part 1: analysis of differential gene expressions. Nucleic Acids Research, 2009, 37, 6323-6339.	6.5	36
6	Simultaneous Isolation of DNA, RNA, and Proteins for Genetic, Epigenetic, Transcriptomic, and Proteomic Analysis. Journal of Proteome Research, 2009, 8, 5264-5274.	1.8	33
7	Quantitative Proteome Analysis in Cardiovascular Physiology and Pathology. I. Data Processing. Journal of Proteome Research, 2008, 7, 5211-5220.	1.8	3
8	â€œTurnover Proteomeâ€•of Human Atrial Trabeculae. Journal of Proteome Research, 2007, 6, 4458-4468.	1.8	10
9	Proteomics of Ascending Aortic Aneurysm with Bicuspid or Tricuspid Aortic Valve. Asian Cardiovascular and Thoracic Annals, 2007, 15, 185-190.	0.2	6
10	Proteomic alterations in heat shock protein 27 and identification of phosphoproteins in ascending aortic aneurysm associated with bicuspid and tricuspid aortic valve. Journal of Molecular and Cellular Cardiology, 2007, 43, 792-801.	0.9	23
11	Proteomics in cardiovascular surgery. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 210-214.e1.	0.4	23
12	SAP Deficiency Results in a Striking Alteration of the Protein Profile in Activated CD4 T Cells. Journal of Proteome Research, 2006, 5, 1785-1791.	1.8	9
13	Proteomics in Clinical Research: Perspectives and Expectations. , 2006, , 53-67.		1
14	Proteomics Strategies in Cardiovascular Research. Journal of Proteome Research, 2004, 3, 200-208.	1.8	25
15	Quantitative Proteomics of Lymphocytes. Comparative and Functional Genomics, 2003, 4, 531-536.	2.0	2
16	Functional and structural proteomics: a critical appraisal. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 787, 1-10.	1.2	15
17	Analysis of state-specific phosphorylation of proteins by two-dimensional gel electrophoresis approach. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 787, 53-61.	1.2	12
18	Proteomic analysis of human eosinophil activation mediated by mast cells, GM-CSF and TNF-Î±. Journal of Allergy and Clinical Immunology, 2002, 109, S166-S166.	1.5	0

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19	Clonal proteomics: One gene - family of proteins. Proteomics, 2002, 2, 624-631.	1.3	52
20	Proteomic analysis of secreted muscle components: Search for factors involved in neuromuscular synapse formation. Proteomics, 2002, 2, 1601-1615.	1.3	17
21	Proteomic analysis of human eosinophil activation mediated by mast cells, granulocyte macrophage colony stimulating factor and tumor necrosis factor alpha. Proteomics, 2002, 2, 1616-1626.	1.3	16
22	Proteome, transcriptome and genome: top down or bottom up analysis?. New Biotechnology, 2001, 18, 207-212.	2.7	31
23	Proteomic analysis of rare molecular species of translated polypeptides from a mouse fetal thymus cDNA library. Proteomics, 2001, 1, 560-573.	1.3	16
24	Proteomic analysis of rare molecular species of translated polypeptides from a mouse fetal thymus cDNA library. , 2001, 1, 560.		1
25	Global analysis of gene expression in cells of the immune system I.â€,Analytical limitations in obtaining sequence information on polypeptides in two-dimensional gel spots. Electrophoresis, 2000, 21, 2688-2693.	1.3	32
26	Global analysis of gene expression in cells of the immune system II. Cell-free translation products and high-density filter hybridization data. Electrophoresis, 2000, 21, 2694-2702.	1.3	7
27	Proteome analysis of activated murine B-lymphocytes. Electrophoresis, 2000, 21, 3730-3739.	1.3	8
28	Limiting dilution analysis: from frequencies to cellular interactions. Trends in Immunology, 2000, 21, 15-18.	7.5	26
29	Proteomic analysis of T cell activation in the presence of cyclosporin A: immunosuppressor and activator removal induces de novo protein synthesis. Molecular Immunology, 2000, 37, 21-28.	1.0	18
30	Proteomic analysis of T cell activation in the presence of cyclosporin A: immunosuppressor and activator removal induces de novo protein synthesis. Molecular Immunology, 2000, 37, 261.	1.0	5
31	Global analysis of gene expression in cells of the immune system I. Analytical limitations in obtaining sequence information on polypeptides in two-dimensional gel spots. , 2000, 21, 2688.		2
32	Global analysis of gene expression in cells of the immune system II. Cell-free translation products and high-density filter hybridization data. , 2000, 21, 2694.		1
33	INCREASED PROTEIN SYNTHESIS AFTER T CELL ACTIVATION IN PRESENCE OF CYCLOSPORIN A1. Transplantation, 2000, 70, 340-348.	0.5	19
34	Expressed immunoglobulin repertoire of LPS-stimulated splenocytes of unimmunized mice as studied by two-dimensional gel electrophoresis. Molecular Immunology, 1998, 35, 1089-1096.	1.0	5
35	Translational control: a general mechanism for gene regulation during T cell activation. FASEB Journal, 1998, 12, 299-306.	0.2	52
36	Translational control: a general mechanism for gene regulation during T cell activation. FASEB Journal, 1998, 12, 299-306.	0.2	17

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37	Analysis of a randomly assorted cDNA library from BW 5147 lymphoid cells. Frequency estimates based on computer aided concatenation matching of 2D gel polypeptide products. Molecular Immunology, 1997, 34, 753-763.	1.0	7
38	Isolation and characterization of the mycobacterial phagosome: segregation from the endosomal/lysosomal pathway. Molecular Microbiology, 1997, 25, 427-427.	1.2	8
39	Analysis of subcellular organelles involved in major histocompatibility complex (MHC) class II-restricted antigen presentation by electrophoresis. Electrophoresis, 1997, 18, 2523-2530.	1.3	16
40	Restriction sites as identification tags for lymphocyte cDNAs. Electrophoresis, 1997, 18, 2781-2787.	1.3	4
41	Isolation and characterization of the mycobacterial phagosome: segregation from the endosomal/lysosomal pathway. Molecular Microbiology, 1997, 24, 545-53.	1.2	75
42	Protein Expression During Murine Thymus Differentiation. Autoimmunity, 1996, 5, 53-66.	0.6	2
43	Lymphocyte protein synthesis: evidence that murine T cells are more affected by stress than B cells. Immunology Letters, 1996, 52, 109-123.	1.1	9
44	How do B cells differ from T cells in terms of gene expression?. Folia Microbiologica, 1995, 40, 405-412.	1.1	3
45	&And such are little lymphocytes made of. Research in Immunology, 1995, 146, 5-10.	0.9	10
46	Data management in a two-dimensional gel electrophoresis laboratory: â€œgelscript 1â€•software. Electrophoresis, 1994, 15, 977-983.	1.3	2
47	The amino acid composition of 350 lymphocyte proteins. Molecular Immunology, 1994, 31, 1219-1231.	1.0	12
48	Lymphocyte Proteinpaedia Stage Two: T-Cell Polypeptides from a Partitioned cDNA Library Revealed by the Dual Decay Method. International Archives of Allergy and Immunology, 1994, 103, 131-142.	0.9	11
49	An attempt to identify gene products related to the induction of an antiviral state in macrophages resistant and sensitive to IFN-gamma. Research in Virology, 1993, 144, 479-486.	0.7	6
50	The pattern of proteins synthesized in the liver is profoundly modified upon infection of susceptible mice with mouse hepatitis virus 3. Research in Virology, 1992, 143, 231-240.	0.7	10
51	Using two-dimensional gel electrophoresis to study immune response against intracellular bacterial infection. Electrophoresis, 1992, 13, 741-742.	1.3	9
52	Putative invasion-specific proteins in mouse T-cell hybridomas that differ in invasive and metastatic potential. International Journal of Cancer, 1992, 51, 745-753.	2.3	4
53	Light chain heterogeneity in the amphibian Xenopus. Molecular Immunology, 1991, 28, 985-994.	1.0	48
54	Global analysis of lymphocyte gene expression: Perturbation of H-9 cells by infection with distinct isolates of human immunodeficiency virus - an exposition by multivariate analysis of a host-parasite interface. Electrophoresis, 1991, 12, 554-569.	1.3	13

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55	Regulation of mRNA abundance in activated T lymphocytes: identification of mRNA species affected by the inhibition of protein synthesis.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1753-1757.	3.3	35
56	A strategy for founding a global lymphocyte proteinpaedia and gene catalogue. Trends in Immunology, 1990, 11, 157-162.	7.5	35
57	Molecular Analysis of Genetically Determined Target Organ Abnormalities in Spontaneous Autoimmune Thyroiditis. Immunobiology, 1990, 181, 414-429.	0.8	8
58	Analysis of Two-Dimensional Gel Electrophoretic Protein Patterns upon in Vivo Labeling of Mice. , 1990, , 153-164.		2
59	Immunoglobulin diversification in bursal duct-ligated chickens. European Journal of Immunology, 1989, 19, 1343-1345.	1.6	17
60	Consecutive radiofluorography and silver staining of two-dimensional gel electrophoretograms: Application in determining the biosynthesis of serum and tissue proteins. Electrophoresis, 1989, 10, 708-713.	1.3	12
61	Immunoglobulin diversification in embryonic chicken bursae and in individual bursal follicles. European Journal of Immunology, 1988, 18, 943-949.	1.6	29
62	Prospective partition analysis of independently assorted sets. Journal of Immunological Methods, 1988, 114, 235-241.	0.6	5
63	Toward an objective classification of cells in the immune system.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 3565-3569.	3.3	23
64	Direct and indirect plaque assays. Methods in Enzymology, 1987, 150, 209-217.	0.4	1
65	Growth of antibody-producing cell clones in microcultures. Methods in Enzymology, 1987, 150, 240-251.	0.4	1
66	Parameters of the labeling of mitogen-activated murine lymphocytes by [35S]methionine for two-dimensional gel electrophoresis I. Effect of culture conditions. Journal of Immunological Methods, 1986, 88, 53-64.	0.6	13
67	Self and non-self discrimination by "restriction proteases".. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 3437-3438.	3.3	12
68	Analysis of the activation of lymphoid cells by mitogens in vitro with limiting dilution methods: Adherent peritoneal cells suppress B-cell activation and synergize with WEHI-3 in the activation of T cells by con A. Cellular Immunology, 1986, 99, 489-499.	1.4	4
69	Activation/suppression of the immune responsein vitro by antigen and dextran sulfate I. Analysis by limiting dilution methods. European Journal of Immunology, 1985, 15, 708-712.	1.6	9
70	Use of Large-Scale Two-Dimensional ISODALT Gel Electrophoresis System in Immunology. , 1985, , 163-185.		28
71	Tables for Evaluating Limiting Diluting Experiments. , 1985, , 317-373.		3
72	Frequency of expressed immunoglobulin light chain genes in lipopolysaccharide-stimulated BALB/c spleen cells.. Journal of Experimental Medicine, 1984, 160, 971-986.	4.2	22

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73	Limiting dilution analysis of the cells of immune system I. The clonal basis of the immune response. Trends in Immunology, 1984, 5, 265-268.	7.5	200
74	Limiting dilution analysis of cells of the immune system II: What can be learnt?. Trends in Immunology, 1984, 5, 295-298.	7.5	38
75	Activation/suppression of the immune response in vitro by antigen and dextran sulfate. Cellular Immunology, 1984, 88, 129-136.	1.4	7
76	Optimization of the culture medium composition for the antibody response of mouse spleen cells. In Vitro, 1984, 20, 615-622.	1.2	7
77	The abnormal function of T cells in chronically anti-Î¼-treated mice with no mature B lymphocytes. European Journal of Immunology, 1984, 14, 476-482.	1.6	27
78	An attempt to assess the overall diversity of murine T cells using two-dimensional gel electrophoresis. European Journal of Immunology, 1984, 14, 769-777.	1.6	20
79	Changes in the protein pattern of murine B cells after mitogenic stimulation. European Journal of Immunology, 1984, 14, 778-781.	1.6	20
80	Heterogeneity of B cell clones: Immunoglobulin-secreting subsets. Cellular Immunology, 1982, 66, 70-77.	1.4	10
81	Effects of Irradiation on the <i>in vitro </i>Immune Response. Pathobiology, 1980, 48, 255-278.	1.9	0
82	Heterogeneity of mouse interleukins. FEBS Letters, 1980, 121, 157-160.	1.3	1
83	Radiation-Induced Augmentation of the Immune Response. , 1980, 11, 245-274.		21
84	Assay for Plaque-Forming Cells. , 1979, , 277-285.		6
85	Limiting Dilution Analysis. , 1979, , 355-370.		80
86	Derivation of hybrids between a thymoma line and spleen cells activated in a mixed leukocyte reaction. European Journal of Immunology, 1977, 7, 758-761.	1.6	59
87	Heterogeneity of B-cells reacting with T-cell factors. Cellular Immunology, 1976, 27, 345-346.	1.4	0
88	Clones of antibody-forming cells in microcultures. Blut, 1976, 33, 297-300.	1.2	1
89	Antibody response of rabbit blood lymphocytes in vitro. Kinetics, clone size, and clonotype analysis in response to streptococcal group polysaccharide antigens.. Journal of Experimental Medicine, 1976, 143, 360-371.	4.2	23
90	Effect of recent antigen priming on adoptive immune responses. IV. Antigen-induced selective recruitment of recirculating lymphocytes to the spleen demonstrable with a microculture system.. Journal of Experimental Medicine, 1976, 143, 1289-1298.	4.2	31

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91	Clonal Expansion and Thymus Dependence. Microculture Experiments with TNP-Lipopolysaccharide. , 1976, 66, 101-106.		3
92	Antibody response to phosphorylcholinein vitro. I. Studies on the frequency of precursor cells, average clone size and cellular cooperation. European Journal of Immunology, 1975, 5, 343-349.	1.6	47
93	Clones of antibody-forming cells in pokeweed mitogen-stimulated microcultures. I. Requirements for the induction of the antibody response of nude spleen cells. European Journal of Immunology, 1974, 4, 613-617.	1.6	16
94	Clones of antibody-forming cells in pokeweed mitogen stimulated microcultures. II. Estimation of the frequency of precursor cells and the average clone size. European Journal of Immunology, 1974, 4, 617-621.	1.6	32
95	Plaque Forming Cells: Methodology and Theory. Immunological Reviews, 1974, 18, 130-191.	2.8	185
96	An <i>in vitro</i> Analysis of the Immune Capabilities of Mice Treated with Immunosuppressive Drugs. International Archives of Allergy and Immunology, 1974, 46, 689-694.	0.9	9
97	Precommitment in the Immune System. Modern Aspects of Electrochemistry, 1974, 65, 21-58.	0.2	6
98	Precursor cells specific to sheep red cells in nude mice. estimation of frequency in the microculture system. European Journal of Immunology, 1973, 3, 392-397.	1.6	125
99	in vitro complementation experiments with nude mice. i. the allogeneic effect in the antibody response to sheep red cells. European Journal of Immunology, 1973, 3, 397-401.	1.6	20
100	Antibody response by rabbit peripheral blood lymphocytes in microcultures. European Journal of Immunology, 1973, 3, 632-635.	1.6	22
101	Homogeneity of antibodies produced by clonesin vitro. European Journal of Immunology, 1973, 3, 636-639.	1.6	22
102	Induction of antibody-forming cell clones in microcultures. European Journal of Immunology, 1972, 2, 360-365.	1.6	157
103	A replicator for handling and sampling microcultures in tissue culture trays. European Journal of Immunology, 1972, 2, 365-366.	1.6	28
104	Properties of ribonucleoprotein particles in chloramphenicol-treated cells of Escherichia coli B. Nucleic Acids and Protein Synthesis, 1969, 174, 561-565.	1.7	8
105	Reutilization of ribosomal protein in vivo for the formation of new ribosomal particles in Escherichia coli B. Nucleic Acids and Protein Synthesis, 1969, 174, 566-573.	1.7	23
106	Latent Î²-galactosidase inEscherichia coli. Folia Microbiologica, 1965, 10, 93-103.	1.1	2