Marko Z Radic

List of Publications by Year
in descending order

92 papers	8,567 citations	101543 36 h-index	51608 86 g-index
98 all docs	98 docs citations	98 times ranked	8697 citing authors

#	Article	IF	Citations
1	CD8+ T Cells Expressing an HLA-DR1 Chimeric Antigen Receptor Target Autoimmune CD4+ T Cells in an Antigen-Specific Manner and Inhibit the Development of Autoimmune Arthritis. Journal of Immunology, 2022, 208, 16-26.	0.8	15
2	Prospects for CAR T cell immunotherapy in autoimmune diseases: clues from Lupus. Expert Opinion on Biological Therapy, 2022, 22, 499-507.	3.1	6
3	TRPV6 channel mediates alcohol-induced gut barrier dysfunction and systemic response. Cell Reports, 2022, 39, 110937.	6.4	9
4	Neutrophils in Biomaterial-Guided Tissue Regeneration: Matrix Reprogramming for Angiogenesis. Tissue Engineering - Part B: Reviews, 2021, 27, 95-106.	4.8	20
5	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	11.2	189
6	Human neutrophil FcÎ³RIIIb regulates neutrophil extracellular trap release in response to electrospun polydioxanone biomaterials. Acta Biomaterialia, 2021, 130, 281-290.	8.3	6
7	New-onset IgG autoantibodies in hospitalized patients with COVID-19. Nature Communications, 2021, 12, 5417.	12.8	286
8	Manuka Honey Reduces NETosis on an Electrospun Template Within a Therapeutic Window. Polymers, 2020, 12, 1430.	4.5	10
9	Antibodies clamp down on NET nucleosomes. Cellular and Molecular Immunology, 2020, 17, 895-896.	10.5	1
10	Neutrophilia and NETopathy as Key Pathologic Drivers of Progressive Lung Impairment in Patients With COVID-19. Frontiers in Pharmacology, 2020, 11, 870.	3.5	100
11	Manuka honey modulates the release profile of a dHL-60 neutrophil model under anti-inflammatory stimulation. Journal of Tissue Viability, 2020, 29, 91-99.	2.0	10
12	Driving lupus out with CARs. Cell & Gene Therapy Insights, 2020, 6, 1271-1275.	0.1	0
13	Surface Area to Volume Ratio of Electrospun Polydioxanone Templates Regulates the Adsorption of Soluble Proteins from Human Serum. Bioengineering, 2019, 6, 78.	3.5	13
14	Editorial: Autophagy in Autoimmunity. Frontiers in Immunology, 2019, 10, 301.	4.8	3
15	Sustained B cell depletion by CD19-targeted CAR T cells is a highly effective treatment for murine lupus. Science Translational Medicine, 2019, 11, .	12.4	178
16	Manuka Honey Modulates the Inflammatory Behavior of a dHL-60 Neutrophil Model under the Cytotoxic Limit. International Journal of Biomaterials, 2019, 2019, 1-12.	2.4	28
17	Tuning the performance of CAR T cell immunotherapies. BMC Biotechnology, 2019, 19, 84.	3.3	9
18	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	11.2	295

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19	Increased Protein Citrullination as aÂTrigger for Resident Immune System Activation, Intraretinal Inflammation, and Promotion of Anti-retinal Autoimmunity: Intersecting Paths in Retinal Degenerations of Potential Therapeutic Relevance. Advances in Experimental Medicine and Biology, 2019, 1185, 175-179.	1.6	13
20	The Effect of Manuka Honey on dHL-60 Cytokine, Chemokine, and Matrix-Degrading Enzyme Release under Inflammatory Conditions. Med One, 2019, 4, .	1.0	7
21	Burning controversies in NETs and autoimmunity: The mysteries of cell death and autoimmune disease. Autoimmunity, 2018, 51, 267-280.	2.6	11
22	The Mitochondrion-lysosome Axis in Adaptive and Innate Immunity: Effect of Lupus Regulator Peptide P140 on Mitochondria Autophagy and NETosis. Frontiers in Immunology, 2018, 9, 2158.	4.8	16
23	Murine Retinal Citrullination Declines With Age and is Mainly Dependent on Peptidyl Arginine Deiminase 4 (PAD4). , 2018, 59, 3808.		11
24	Localized Delivery of Cl-Amidine From Electrospun Polydioxanone Templates to Regulate Acute Neutrophil NETosis: A Preliminary Evaluation of the PAD4 Inhibitor for Tissue Engineering. Frontiers in Pharmacology, 2018, 9, 289.	3.5	13
25	Cellular and Molecular Mechanisms of Anti-Phospholipid Syndrome. Frontiers in Immunology, 2018, 9, 969.	4.8	47
26	Electrospun Template Architecture and Composition Regulate Neutrophil NETosis <i>In Vitro</i> and <i>In Vivo</i><sup />. Tissue Engineering - Part A, 2017, 23, 1054-1063.	3.1	33
27	Retinal pigment epithelium and microglia express the CD5 antigen-like protein, a novel autoantigen in age-related macular degeneration. Experimental Eye Research, 2017, 155, 64-74.	2.6	25
28	An overview of the role of neutrophils in innate immunity, inflammation and host-biomaterial integration. International Journal of Energy Production and Management, 2017, 4, 55-68.	3.7	364
29	B Cell Tolerance to Deiminated Histones in BALB/c, C57BL/6, and Autoimmune-Prone Mouse Strains. Frontiers in Immunology, 2017, 8, 362.	4.8	8
30	Editorial: NETosis 2: The Excitement Continues. Frontiers in Immunology, 2017, 8, 1318.	4.8	9
31	Aspects of Peptidylarginine Deiminase Regulation that May Predispose to Autoreactivity Against Citrullinated Proteins. , 2017, , 11-32.		0
32	Current Challenges and Limitations in Antibody-Based Detection of Citrullinated Histones. Frontiers in Immunology, 2016, 7, 528.	4.8	19
33	Bone loss and aggravated autoimmune arthritis in HLA-DRÎ²1-bearing humanized mice following oral challenge with Porphyromonas gingivalis. Arthritis Research and Therapy, 2016, 18, 249.	3.5	48
34	Oxidation and mitochondrial origin of NET DNA in the pathogenesis of lupus. Nature Medicine, 2016, 22, 126-127.	30.7	24
35	Circulating Autoantibodies in Age-Related Macular Degeneration Recognize Human Macular Tissue Antigens Implicated in Autophagy, Immunomodulation, and Protection from Oxidative Stress and Apoptosis. PLoS ONE, 2015, 10, e0145323.	2.5	52
36	Citrullinated Autoantigens: From Diagnostic Markers to Pathogenetic Mechanisms. Clinical Reviews in Allergy and Immunology, 2015, 49, 232-239.	6.5	62

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37	Clearance of Apoptotic Bodies, NETs, and Biofilm DNA: Implications for Autoimmunity. Frontiers in Immunology, 2014, 5, 365.	4.8	46
38	Light chain editors of anti-DNA receptors in human B cells. Journal of Experimental Medicine, 2014, 211, 357-364.	8.5	11
39	Deimination of linker histones links neutrophil extracellular trap release with autoantibodies in systemic autoimmunity. FASEB Journal, 2014, 28, 2840-2851.	0.5	80
40	Citrullination of autoantigens implicates NETosis in the induction of autoimmunity. Annals of the Rheumatic Diseases, 2014, 73, 483-491.	0.9	129
41	Neutrophil extracellular chromatin traps connect innate immune response to autoimmunity. Seminars in Immunopathology, 2013, 35, 465-480.	6.1	67
42	Opposition between PKC isoforms regulates histone deimination and neutrophil extracellular chromatin release. Frontiers in Immunology, 2013, 4, 38.	4.8	213
43	Extracellular Chromatin Traps Interconnect Cell Biology, Microbiology, and Immunology. Frontiers in Immunology, 2013, 4, 160.	4.8	7
44	Antibodies that bind complex glycosaminoglycans accumulate in the Golgi. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11958-11963.	7.1	3
45	Epigenetics of Autoantigens: New Opportunities for Therapy of Autoimmune Diseases. Genetics & Epigenetics, 2013, 5, GEG.S12144.	2.5	10
46	Autoimmune Biomarkers in Age-Related Macular Degeneration: A Possible Role Player in Disease Development and Progression. Advances in Experimental Medicine and Biology, 2012, 723, 11-16.	1.6	14
47	Jumbled NETs promote vasculitis. Arthritis and Rheumatism, 2012, 64, 3498-3501.	6.7	4
48	Neutrophil Extracellular Traps: Double-Edged Swords of Innate Immunity. Journal of Immunology, 2012, 189, 2689-2695.	0.8	933
49	Knotting the NETs: Analyzing histone modifications in neutrophil extracellular traps. Arthritis Research and Therapy, 2012, 14, 115.	3.5	36
50	Felty's syndrome autoantibodies bind to deiminated histones and neutrophil extracellular chromatin traps. Arthritis and Rheumatism, 2012, 64, 982-992.	6.7	121
51	Armed and accurate: engineering cytotoxic T cells for eradication of leukemia. BMC Biotechnology, 2012, 12, 6.	3.3	3
52	Neutrophil activation and B-cell stimulation in the pathogenesis of Feltyâ€™s syndrome. Polish Archives of Internal Medicine, 2012, 122, 374-379.	0.4	3
53	Neutrophil activation and B-cell stimulation in the pathogenesis of Felty's syndrome. , 2012, 122, 374-9.		5
54	Regulatory and pathogenetic mechanisms of autoantibodies in SLE. Autoimmunity, 2011, 44, 349-356.	2.6	32

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55	Intra-Golgi Formation of IgMâ€“Glycosaminoglycan Complexes Promotes Ig Deposition. Journal of Immunology, 2011, 187, 3198-3207.	0.8	6
56	Regulation of Extracellular Chromatin Release from Neutrophils. Journal of Innate Immunity, 2009, 1, 194-201.	3.8	269
57	Tracking and Trapping Somatic Mutations in Ig Genes. Journal of Immunology, 2008, 180, 5763-5764.	0.8	3
58	Antigen Receptor Editing in Anti-DNA Transitional B Cells Deficient for Surface IgM. Journal of Immunology, 2008, 180, 6094-6106.	0.8	13
59	Histone Deimination As a Response to Inflammatory Stimuli in Neutrophils. Journal of Immunology, 2008, 180, 1895-1902.	0.8	534
60	Editing and escape from editing in anti-DNA B cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3861-3866.	7.1	25
61	Divergent members of a single autoreactive B cell clone retain specificity for apoptotic blebs. Molecular Immunology, 2007, 44, 1914-1921.	2.2	18
62	Development of Functional B Cells in a Line of SCID Mice with Transgenes Coding for Anti-Double-Stranded DNA Antibody. Journal of Immunology, 2006, 176, 889-898.	0.8	7
63	Heterogeneous Nuclear Ribonucleoprotein P2 Is an Autoantibody Target in Mice Deficient for Mer, Axl, and Tyro3 Receptor Tyrosine Kinases. Journal of Immunology, 2006, 176, 68-74.	0.8	24
64	Nucleosomes Are Exposed at the Cell Surface in Apoptosis. Journal of Immunology, 2004, 172, 6692-6700.	0.8	204
65	Intricacies of Anti-DNA Autoantibodies. Journal of Immunology, 2004, 172, 3367-3368.	0.8	5
66	Îº Editing Rescues Autoreactive B Cells Destined for Deletion in Mice Transgenic for a Dual Specific Anti-Laminin Ig. Journal of Immunology, 2004, 172, 5313-5321.	0.8	19
67	Murine Lupus Autoantibodies Identify Distinct Subsets of Apoptotic Bodies. Autoimmunity, 2004, 37, 85-93.	2.6	24
68	Apoptosis, subcellular particles, and autoimmunity. Clinical Immunology, 2004, 112, 175-182.	3.2	81
69	Regulation of Anti-Phosphatidylserine Antibodies. Immunity, 2003, 18, 185-192.	14.3	46
70	Blebs and Apoptotic Bodies Are B Cell Autoantigens. Journal of Immunology, 2002, 169, 159-166.	0.8	149
71	DNA-dependent Protein Kinase Activity Is Not Required for Immunoglobulin Class Switching. Journal of Experimental Medicine, 2002, 196, 1483-1495.	8.5	101
72	Editors and Editing of Anti-DNA Receptors. Immunity, 2001, 15, 947-957.	14.3	173

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73	Structural basis for autoantibody recognition of phosphatidylserine-Â2 glycoprotein I and apoptotic cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13826-13831.	7.1	103
74	Analysis of autoimmune bone marrow by antibodyâ€phage display: Somatic mutations and third complementarityâ€determining region arginines in antiâ€DNA Î³ and Îº V genes. Arthritis and Rheumatism, 2000, 43, 2132-2138.	6.7	13
75	Diverse roles for the third complementarity determining region of the heavy chain (H3) in the binding of immunoglobulin Fv fragments to DNA, nucleosomes and cardiolipin. European Journal of Immunology, 2000, 30, 3432-3440.	2.9	19
76	Genes coding evolutionary novel anti-carbohydrate antibodies: studies on anti-Gal production in Î±1,3galactosyltransferase knock out mice. Molecular Immunology, 2000, 37, 455-466.	2.2	26
77	The Natural Anti-Gal Antibody. , 1999, 32, 79-106.		26
78	Tandem Affinity Tags for the Purification of Bivalent Anti-DNA Single-Chain Fv Expressed in Escherichia coli. Protein Expression and Purification, 1999, 17, 290-298.	1.3	10
79	A SENSITIVE ASSAY FOR MEASURING ??-GAL EPITOPE EXPRESSION ON CELLS BY A MONOCLONAL ANTI-GAL ANTIBODY1. Transplantation, 1998, 65, 1129-1132.	1.0	107
80	Selection of Recurrent V Genes and Somatic Mutations in Autoantibodies to DNA. Methods, 1997, 11, 20-26.	3.8	19
81	Cloning of anti-gal fabs from combinatorial phage display libraries: Structural analysis and comparison of fab expression in pComb3H and pComb8 phage. Molecular Immunology, 1997, 34, 609-618.	2.2	19
82	Receptor Editing, Immune Diversification, and Self-Tolerance. Immunity, 1996, 5, 505-511.	14.3	182
83	The site and stage of anti-DNA B-cell deletion. Nature, 1995, 373, 252-255.	27.8	272
84	Origins of Antiâ€DNA Antibodies and Their Implications for Bâ€Cell Tolerance^a. Annals of the New York Academy of Sciences, 1995, 764, 384-396.	3.8	36
85	Genetic and Structural Evidence for Antigen Selection of Anti-DNA Antibodies. Annual Review of Immunology, 1994, 12, 487-520.	21.8	472
86	B lymphocytes may escape tolerance by revising their antigen receptors.. Journal of Experimental Medicine, 1993, 177, 1165-1173.	8.5	385
87	Hoechst 33258, distamycin A, and high mobility group protein I (HMG-I) compete for binding to mouse satellite DNA. Chromosoma, 1992, 101, 602-608.	2.2	85
88	Inhibition of abnormal T cell development and autoimmunity in gld mice by transgenic T cell receptor Î² chain. European Journal of Immunology, 1992, 22, 1693-1700.	2.9	10
89	Expression of anti-DNA immunoglobulin transgenes in non-autoimmune mice. Nature, 1991, 349, 331-334.	27.8	474
90	Anti-DNA antibodies from autoimmune mice arise by clonal expansion and somatic mutation.. Journal of Experimental Medicine, 1990, 171, 265-292.	8.5	667

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91	Structural Patterns in Anti-DNA Antibodies from MRL/lpr Mice. Cold Spring Harbor Symposia on Quantitative Biology, 1989, 54, 933-946.	1.1	56
92	Curvature of mouse satellite DNA and condensation of heterochromatin. Cell, 1987, 50, 1101-1108.	28.9	203