

Michael F Criscitiello

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,188
citations

201674

27
h-index

233421

45
g-index

61
all docs

61
docs citations

61
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferon epsilon and preterm birth subtypes; a new piece of the type I interferon puzzle during pregnancy?. <i>American Journal of Reproductive Immunology</i> , 2022, 87, .	1.2	3
2	Novel insights on aquatic mammal MHC evolution: Evidence from manatee DQB diversity. <i>Developmental and Comparative Immunology</i> , 2022, 132, 104398.	2.3	1
3	Lost structural and functional inter-relationships between Ig and TCR loci in mammals revealed in sharks. <i>Immunogenetics</i> , 2021, 73, 17-33.	2.4	10
4	Unusual T cell receptor in opossum. <i>Science</i> , 2021, 371, 1308-1309.	12.6	3
5	Analysis of shark NCR3 family genes reveals primordial features of vertebrate NKp30. <i>Immunogenetics</i> , 2021, 73, 333-348.	2.4	5
6	Using PacBio SMRT data for identification of class I MHC alleles in a wildlife species, <i>Zalophus californianus</i> (California sea lion). <i>Infection, Genetics and Evolution</i> , 2021, 88, 104700.	2.3	0
7	TLR4 and TLR8 variability in Amazonian and West Indian manatee species from Brazil. <i>Genetics and Molecular Biology</i> , 2021, 44, e20190252.	1.3	0
8	From IgZ to IgT: A Call for a Common Nomenclature for Immunoglobulin Heavy Chain Genes of Ray-Finned Fish. <i>Zebrafish</i> , 2021, 18, 343-345.	1.1	9
9	Deiminated proteins in extracellular vesicles and serum of llama (<i>Lama glama</i>) – Novel insights into camelid immunity. <i>Molecular Immunology</i> , 2020, 117, 37-53.	2.2	22
10	Comparative study of cartilaginous fish divulges insights into the early evolution of primary, secondary and mucosal lymphoid tissue architecture. <i>Fish and Shellfish Immunology</i> , 2020, 107, 435-443.	3.6	14
11	Molecular characterization and expression analysis of the chicken-type and goose-type lysozymes from totoaba (<i>Totoaba macdonaldi</i>). <i>Developmental and Comparative Immunology</i> , 2020, 113, 103807.	2.3	4
12	Nurse shark T cell receptors employ somatic hypermutation preferentially to alter alpha/delta variable segments associated with alpha constant region. <i>European Journal of Immunology</i> , 2020, 50, 1307-1320.	2.9	8
13	Deimination Protein Profiles in Alligator <i>mississippiensis</i> Reveal Plasma and Extracellular Vesicle-Specific Signatures Relating to Immunity, Metabolic Function, and Gene Regulation. <i>Frontiers in Immunology</i> , 2020, 11, 651.	4.8	16
14	Post-Translational Protein Deimination Signatures in Serum and Serum-Extracellular Vesicles of <i>Bos taurus</i> Reveal Immune, Anti-Pathogenic, Anti-Viral, Metabolic and Cancer-Related Pathways for Deimination. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2861.	4.1	17
15	Ancient Use of Ig Variable Domains Contributes Significantly to the TCR γ Repertoire. <i>Journal of Immunology</i> , 2019, 203, 1265-1275.	0.8	8
16	Deiminated proteins in extracellular vesicles and plasma of nurse shark (<i>Ginglymostoma cirratum</i>) - Novel insights into shark immunity. <i>Fish and Shellfish Immunology</i> , 2019, 92, 249-255.	3.6	25
17	Conference report: The 14th congress of the International Society of Developmental and Comparative Immunology. <i>Developmental and Comparative Immunology</i> , 2019, 96, 83-92.	2.3	0
18	Immunogenetic factors driving formation of ultralong VH CDR3 in <i>Bos taurus</i> antibodies. <i>Cellular and Molecular Immunology</i> , 2019, 16, 53-64.	10.5	45

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19	A Broad Role for Cysteines in Bovine Antibody Diversity. <i>ImmunoHorizons</i> , 2019, 3, 478-487.	1.8	19
20	The Florida manatee (<i>Trichechus manatus latirostris</i>) T cell receptor loci exhibit V subgroup synteny and chain-specific evolution. <i>Developmental and Comparative Immunology</i> , 2018, 85, 71-85.	2.3	33
21	“Double-duty” conventional dendritic cells in the amphibian <i>Xenopus</i> as the prototype for antigen presentation to B cells. <i>European Journal of Immunology</i> , 2018, 48, 430-440.	2.9	27
22	Somatic hypermutation of T cell receptor β chain contributes to selection in nurse shark thymus. <i>ELife</i> , 2018, 7, .	6.0	33
23	Haptoglobin Is a Divergent MASP Family Member That Neofunctionalized To Recycle Hemoglobin via CD163 in Mammals. <i>Journal of Immunology</i> , 2018, 201, 2483-2491.	0.8	20
24	The Unusual Genetics and Biochemistry of Bovine Immunoglobulins. <i>Advances in Immunology</i> , 2018, 137, 135-164.	2.2	36
25	Interferon epsilon in the reproductive tract of healthy and genital herpes simplex virus-infected pregnant women: Results of a pilot study. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12995.	1.2	11
26	Larval Thymectomy of <i>Xenopus laevis</i> . <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot099192.	0.3	2
27	The Florida manatee (<i>Trichechus manatus latirostris</i>) immunoglobulin heavy chain suggests the importance of clan III variable segments in repertoire diversity. <i>Developmental and Comparative Immunology</i> , 2017, 72, 57-68.	2.3	21
28	Rapid elicitation of broadly neutralizing antibodies to HIV by immunization in cows. <i>Nature</i> , 2017, 548, 108-111.	27.8	154
29	Fish Immunoglobulins. <i>Biology</i> , 2016, 5, 45.	2.8	163
30	miR-150 regulates obesity-associated insulin resistance by controlling B cell functions. <i>Scientific Reports</i> , 2016, 6, 20176.	3.3	61
31	Genomic organization of the zebrafish (<i>Danio rerio</i>) T cell receptor alpha/delta locus and analysis of expressed products. <i>Immunogenetics</i> , 2016, 68, 365-379.	2.4	33
32	One Health: Addressing Global Challenges at the Nexus of Human, Animal, and Environmental Health. <i>PLoS Pathogens</i> , 2016, 12, e1005731.	4.7	62
33	DNP-KLH Yields Changes in Leukocyte Populations and Immunoglobulin Isotype Use with Different Immunization Routes in Zebrafish. <i>Frontiers in Immunology</i> , 2015, 6, 606.	4.8	11
34	Structural and genetic diversity in antibody repertoires from diverse species. <i>Current Opinion in Structural Biology</i> , 2015, 33, 27-41.	5.7	67
35	Engineered Nanoparticles Induce DNA Damage in Primary Human Skin Cells, Even at Low Doses. <i>Nano LIFE</i> , 2014, 04, 1440001.	0.9	7
36	What the shark immune system can and cannot provide for the expanding design landscape of immunotherapy. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 725-739.	5.0	25

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37	Expressed IgH $\hat{1}$ / $\hat{4}$ and \hat{I} , transcripts share diversity segment in farmed Thunnus orientalis. Developmental and Comparative Immunology, 2014, 43, 76-86.	2.3	30
38	Novel transcriptome assembly and improved annotation of the whiteleg shrimp (Litopenaeus) Tj ETQq0 0 0 rgBT /Oygrlock 10 Tf 50 702	3.3	89
39	Reshaping Antibody Diversity. Cell, 2013, 153, 1379-1393.	28.9	179
40	Fifty Shades of Immune Defense. PLoS Pathogens, 2013, 9, e1003110.	4.7	55
41	Tripping on Acid: Trans-Kingdom Perspectives on Biological Acids in Immunity and Pathogenesis. PLoS Pathogens, 2013, 9, e1003402.	4.7	28
42	Synergies between vaccination and dietary arginine and glutamine supplementation improve the immune response of channel catfish against Edwardsiella ictaluri. Fish and Shellfish Immunology, 2012, 33, 543-551.	3.6	45
43	Distinct immunomodulatory effects of a panel of nanomaterials in human dermal fibroblasts. Toxicology Letters, 2012, 210, 293-301.	0.8	19
44	Shark class II invariant chain reveals ancient conserved relationships with cathepsins and MHC class II. Developmental and Comparative Immunology, 2012, 36, 521-533.	2.3	34
45	Evolution of the B7 family: co-evolution of B7H6 and NKp30, identification of a new B7 family member, B7H7, and of B7's historical relationship with the MHC. Immunogenetics, 2012, 64, 571-590.	2.4	73
46	Quantum dots trigger immunomodulation of the NF $\hat{1}$ B pathway in human skin cells. Molecular Immunology, 2011, 48, 1349-1359.	2.2	57
47	Emergence of the acute-phase protein hemopexin in jawed vertebrates. Molecular Immunology, 2010, 48, 147-152.	2.2	21
48	The dynamic TCR $\hat{1}$: TCR $\hat{1}$ chains in the amphibian <i>Xenopus tropicalis</i> utilize antibody-like V genes. European Journal of Immunology, 2010, 40, 2319-2329.	2.9	50
49	Evolutionarily Conserved TCR Binding Sites, Identification of T Cells in Primary Lymphoid Tissues, and Surprising Trans-Rearrangements in Nurse Shark. Journal of Immunology, 2010, 184, 6950-6960.	0.8	77
50	Evolutionarily conserved and divergent regions of the Autoimmune Regulator (Aire) gene: a comparative analysis. Immunogenetics, 2008, 60, 105-114.	2.4	52
51	Four primordial immunoglobulin light chain isotypes, including $\hat{1}$ and $\hat{1}$, identified in the most primitive living jawed vertebrates. European Journal of Immunology, 2007, 37, 2683-2694.	2.9	106
52	An evolutionarily mobile antigen receptor variable region gene: Doubly rearranging NAR-TcR genes in sharks. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5036-5041.	7.1	90
53	Diverse Immunoglobulin Light Chain Organizations in Fish Retain Potential to Revise B Cell Receptor Specificities. Journal of Immunology, 2006, 177, 2452-2462.	0.8	52
54	Allelic polymorphism of T-cell receptor constant domains is widespread in fishes. Immunogenetics, 2004, 55, 818-824.	2.4	21

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55	Allelic polymorphism of TCR β chain constant domain genes in the bicolor damselfish. <i>Developmental and Comparative Immunology</i> , 2004, 28, 781-792.	2.3	29
56	Proteasome, Transporter Associated with Antigen Processing, and Class I Genes in the Nurse Shark <i>Ginglymostoma cirratum</i> : Evidence for a Stable Class I Region and MHC Haplotype Lineages. <i>Journal of Immunology</i> , 2002, 168, 771-781.	0.8	71
57	β 2 -microglobulin of Ictalurid catfishes. <i>Immunogenetics</i> , 1998, 48, 339-343.	2.4	33