Bert A 't Hart

List of Publications by Year
in descending order

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58 papers	2,457 citations	172457 29 h-index	206112 48 g-index
59 all docs	59 docs citations	59 times ranked	2396 citing authors

#	Article	IF	Citations
1	The Forgotten Brother: The Innate-like B1 Cell in Multiple Sclerosis. Biomedicines, 2022, 10, 606.	3.2	4
2	Axonâ€Myelin Unit Blistering as Early Event in <scp>MS</scp> Normal Appearing White Matter. Annals of Neurology, 2021, 89, 711-725.	5.3	39
3	Editorial: â€œInside-Outâ€•vs â€œOutside-Inâ€•Paradigms in Multiple Sclerosis Etiopathogenesis. Frontiers in Cellular Neuroscience, 2021, 15, 666529.	3.7	12
4	Multiple sclerosis is linked to MAPKERK overactivity in microglia. Journal of Molecular Medicine, 2021, 99, 1033-1042.	3.9	22
5	Mechanistic underpinning of an insideâ€"out concept for autoimmunity in multiple sclerosis. Annals of Clinical and Translational Neurology, 2021, 8, 1709-1719.	3.7	20
6	Multiple sclerosis and drug discovery: A work of translation. EBioMedicine, 2021, 68, 103392.	6.1	9
7	Nutritional and ecological perspectives of the interrelationships between diet and the gut microbiome in multiple sclerosis: Insights from marmosets. IScience, 2021, 24, 102709.	4.1	9
8	Recombinant myelin oligodendrocyte glycoprotein quality modifies evolution of experimental autoimmune encephalitis in macaques. Laboratory Investigation, 2021, 101, 1513-1522.	3.7	1
9	A Tolerogenic Role of Cathepsin G in a Primate Model of Multiple Sclerosis: Abrogation by Epsteinâ€"Barr Virus Infection. Archivum Immunologiae Et Therapiae Experimentalis, 2020, 68, 21.	2.3	5
10	Bacterial Peptidoglycan as a Driver of Chronic Brain Inflammation. Trends in Molecular Medicine, 2020, 26, 670-682.	6.7	49
11	Intradermal vaccination prevents anti-MOG autoimmune encephalomyelitis in macaques. EBioMedicine, 2019, 47, 492-505.	6.1	13
12	Amyloid-like Behavior of Site-Specifically Citrullinated Myelin Oligodendrocyte Protein (MOG) Peptide Fragments inside EBV-Infected B-Cells Influences Their Cytotoxicity and Autoimmunogenicity. Biochemistry, 2019, 58, 763-775.	2.5	11
13	Experimental autoimmune encephalomyelitis in the common marmoset: a translationally relevant model for the cause and course of multiple sclerosis. Primate Biology, 2019, 6, 17-58.	1.0	11
14	Merits and complexities of modeling multiple sclerosis in non-human primates: implications for drug discovery. Expert Opinion on Drug Discovery, 2018, 13, 387-397.	5.0	8
15	Reverse Translation for Assessment of Confidence in Animal Models of Multiple Sclerosis for Drug Discovery. Clinical Pharmacology and Therapeutics, 2018, 103, 262-270.	4.7	9
16	Targeted Diet Modification Reduces Multiple Sclerosisâ€"like Disease in Adult Marmoset Monkeys from an Outbred Colony. Journal of Immunology, 2018, 201, 3229-3243.	0.8	29
17	EBV Infection Empowers Human B Cells for Autoimmunity: Role of Autophagy and Relevance to Multiple Sclerosis. Journal of Immunology, 2017, 199, 435-448.	0.8	52
18	Analysis of the crossâ€talk of Epsteinâ€"Barr virusâ€infected B cells with T cells in the marmoset. Clinical and Translational Immunology, 2017, 6, e127.	3.8	18

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19	A B Cell-Driven Autoimmune Pathway Leading to Pathological Hallmarks of Progressive Multiple Sclerosis in the Marmoset Experimental Autoimmune Encephalomyelitis Model. Frontiers in Immunology, 2017, 8, 804.	4.8	19
20	Modulation of Multiple Sclerosis and Its Animal Model Experimental Autoimmune Encephalomyelitis by Food and Gut Microbiota. Frontiers in Immunology, 2017, 8, 1081.	4.8	61
21	Severe oxidative stress in an acute inflammatory demyelinating model in the rhesus monkey. PLoS ONE, 2017, 12, e0188013.	2.5	12
22	Embracing Complexity beyond Systems Medicine: A New Approach to Chronic Immune Disorders. Frontiers in Immunology, 2016, 7, 587.	4.8	24
23	The common marmoset as an indispensable animal model for immunotherapy development in multiple sclerosis. Drug Discovery Today, 2016, 21, 1200-1205.	6.4	22
24	Lymphocryptovirus Infection of Nonhuman Primate B Cells Converts Destructive into Productive Processing of the Pathogenic CD8 T Cell Epitope in Myelin Oligodendrocyte Glycoprotein. Journal of Immunology, 2016, 197, 1074-1088.	0.8	41
25	Survival and Functionality of Human Induced Pluripotent Stem Cell-Derived Oligodendrocytes in a Nonhuman Primate Model for Multiple Sclerosis. Stem Cells Translational Medicine, 2016, 5, 1550-1561.	3.3	57
26	Blockade of CD127 Exerts a Dichotomous Clinical Effect in Marmoset Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2016, 11, 73-83.	4.1	20
27	The primate autoimmune encephalomyelitis model; a bridge between mouse and man. Annals of Clinical and Translational Neurology, 2015, 2, 581-593.	3.7	47
28	Immune profile of an atypical EAE model in marmoset monkeys immunized with recombinant human myelin oligodendrocyte glycoprotein in incomplete Freundâ€™s adjuvant. Journal of Neuroinflammation, 2015, 12, 169.	7.2	30
29	Cytomegalovirus: a culprit or protector in multiple sclerosis?. Trends in Molecular Medicine, 2015, 21, 16-23.	6.7	60
30	Reverse translation of failed treatments can help improving the validity of preclinical animal models. European Journal of Pharmacology, 2015, 759, 14-18.	3.5	13
31	The translational value of non-human primates in preclinical research on infection and immunopathology. European Journal of Pharmacology, 2015, 759, 69-83.	3.5	18
32	Apocynin, a Low Molecular Oral Treatment for Neurodegenerative Disease. BioMed Research International, 2014, 2014, 1-6.	1.9	45
33	CD20+ B Cell Depletion Alters T Cell Homing. Journal of Immunology, 2014, 192, 4242-4253.	0.8	24
34	Tissue Transglutaminase in Marmoset Experimental Multiple Sclerosis: Discrepancy between White and Grey Matter. PLoS ONE, 2014, 9, e100574.	2.5	13
35	Chronic autoimmune-mediated inflammation: a senescent immune response to injury. Drug Discovery Today, 2013, 18, 372-379.	6.4	19
36	Induction of Experimental Autoimmune Encephalomyelitis With Recombinant Human Myelin Oligodendrocyte Glycoprotein in Incomplete Freundâ€™s Adjuvant in Three Non-human Primate Species. Journal of NeuroImmune Pharmacology, 2013, 8, 1251-1264.	4.1	49

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37	The Different Clinical Effects of Anti-BLyS, Anti-APRIL and Anti-CD20 Antibodies Point at a Critical Pathogenic Role of Î³-Herpesvirus Infected B Cells in the Marmoset EAE Model. Journal of NeuroImmune Pharmacology, 2013, 8, 727-738.	4.1	32
38	The Primate EAE Model Points at EBV-Infected B Cells as a Preferential Therapy Target in Multiple Sclerosis. Frontiers in Immunology, 2013, 4, 145.	4.8	48
39	An Overview of Models, Methods, and Reagents Developed for Translational Autoimmunity Research in the Common Marmoset (<i>Callithrix jacchus</i>). Experimental Animals, 2013, 62, 159-171.	1.1	33
40	Induction of Encephalitis in Rhesus Monkeys Infused with Lymphocryptovirus-Infected B-Cells Presenting MOG34â€“56 Peptide. PLoS ONE, 2013, 8, e71549.	2.5	11
41	B-Cell Depletion Abrogates T Cell-Mediated Demyelination in an Antibody-Nondependent Common Marmoset Experimental Autoimmune Encephalomyelitis Model. Journal of Neuropathology and Experimental Neurology, 2012, 71, 716-728.	1.7	32
42	The marmoset monkey: a multi-purpose preclinical and translational model of human biology and disease. Drug Discovery Today, 2012, 17, 1160-1165.	6.4	97
43	Antibodies Against Human BLyS and APRIL Attenuate EAE Development in Marmoset Monkeys. Journal of NeuroImmune Pharmacology, 2012, 7, 557-570.	4.1	34
44	New drug discovery strategies for rheumatoid arthritis: a niche for nonhuman primate models to address systemic complications in inflammatory arthritis. Expert Opinion on Drug Discovery, 2012, 7, 315-325.	5.0	5
45	Unravelling the Tâ€cellâ€mediated autoimmune attack on CNS myelin in a new primate EAE model induced with MOG_{34â€“56} peptide in incomplete adjuvant. European Journal of Immunology, 2012, 42, 217-227.	2.9	52
46	EAE: imperfect but useful models of multiple sclerosis. Trends in Molecular Medicine, 2011, 17, 119-125.	6.7	145
47	B-Cell Depletion Attenuates White and Gray Matter Pathology in Marmoset Experimental Autoimmune Encephalomyelitis. Journal of Neuropathology and Experimental Neurology, 2011, 70, 992-1005.	1.7	33
48	Induction of Progressive Demyelinating Autoimmune Encephalomyelitis in Common Marmoset Monkeys Using MOG₃₄₋₅₆Peptide in Incomplete Freund Adjuvant. Journal of Neuropathology and Experimental Neurology, 2010, 69, 372-385.	1.7	74
49	Late B Cell Depletion with a Human Anti-Human CD20 IgG1Îº Monoclonal Antibody Halts the Development of Experimental Autoimmune Encephalomyelitis in Marmosets. Journal of Immunology, 2010, 185, 3990-4003.	0.8	53
50	Surgical excision of CNSâ€draining lymph nodes reduces relapse severity in chronicâ€relapsing experimental autoimmune encephalomyelitis. Journal of Pathology, 2009, 217, 543-551.	4.5	112
51	Multiple sclerosis â€“ a response-to-damage model. Trends in Molecular Medicine, 2009, 15, 235-244.	6.7	54
52	Fast Progression of Recombinant Human Myelin/Oligodendrocyte Glycoprotein (MOG)-Induced Experimental Autoimmune Encephalomyelitis in Marmosets Is Associated with the Activation of MOG34â€“56-Specific Cytotoxic T Cells. Journal of Immunology, 2008, 180, 1326-1337.	0.8	61
53	Autoimmunity Against Myelin Oligodendrocyte Glycoprotein Is Dispensable for the Initiation Although Essential for the Progression of Chronic Encephalomyelitis in Common Marmosets. Journal of Neuropathology and Experimental Neurology, 2008, 67, 326-340.	1.7	47
54	The human CMV-UL86 peptide 981â€“1003 shares a crossreactive T-cell epitope with the encephalitogenic MOG peptide 34â€“56, but lacks the capacity to induce EAE in rhesus monkeys. Journal of Neuroimmunology, 2007, 182, 135-152.	2.3	51

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55	Native myelin oligodendrocyte glycoprotein promotes severe chronic neurological disease and demyelination in Biozzi ABH mice. European Journal of Immunology, 2005, 35, 1311-1319.	2.9	64
56	Transfer of Central Nervous System Autoantigens and Presentation in Secondary Lymphoid Organs. Journal of Immunology, 2002, 169, 5415-5423.	0.8	256
57	Myelin/Oligodendrocyte Glycoprotein-Induced Autoimmune Encephalomyelitis in Common Marmosets: The Encephalitogenic T Cell Epitope pMOG24â€"36 Is Presented by a Monomorphic MHC Class II Molecule. Journal of Immunology, 2000, 165, 1093-1101.	0.8	123
58	Histopathological Characterization of Magnetic Resonance Imaging-Detectable Brain White Matter Lesions in a Primate Model of Multiple Sclerosis. American Journal of Pathology, 1998, 153, 649-663.	3.8	145