

Judy Van de Water

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

7,725
citations

50276

46
h-index

53230

85
g-index

101
all docs

101
docs citations

101
times ranked

5434
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated plasma cytokines in autism spectrum disorders provide evidence of immune dysfunction and are associated with impaired behavioral outcome. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 40-45.	4.1	704
2	The CHARGE Study: An Epidemiologic Investigation of Genetic and Environmental Factors Contributing to Autism. <i>Environmental Health Perspectives</i> , 2006, 114, 1119-1125.	6.0	352
3	The Role of the Immune System in Autism Spectrum Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 284-298.	5.4	346
4	Maternal Autoimmune Diseases, Asthma and Allergies, and Childhood Autism Spectrum Disorders. <i>JAMA Pediatrics</i> , 2005, 159, 151-7.	3.0	311
5	Increased midgestational IFN- γ , IL-4 and IL-5 in women bearing a child with autism: A case-control study. <i>Molecular Autism</i> , 2011, 2, 13.	4.9	284
6	Associations of impaired behaviors with elevated plasma chemokines in autism spectrum disorders. <i>Journal of Neuroimmunology</i> , 2011, 232, 196-199.	2.3	235
7	Altered T cell responses in children with autism. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 840-849.	4.1	217
8	Autism: Maternally derived antibodies specific for fetal brain proteins. <i>NeuroToxicology</i> , 2007, 29, 226-31.	3.0	216
9	The immune system's role in the biology of autism. <i>Current Opinion in Neurology</i> , 2010, 23, 111-117.	3.6	211
10	Maternal Infection During Pregnancy and Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 4015-4025.	2.7	210
11	Stereotypies and hyperactivity in rhesus monkeys exposed to IgG from mothers of children with autism. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 806-816.	4.1	203
12	Neonatal Cytokine Profiles Associated With Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, 442-451.	1.3	171
13	Differential immune responses and microbiota profiles in children with autism spectrum disorders and co-morbid gastrointestinal symptoms. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 354-368.	4.1	163
14	Reduced levels of immunoglobulin in children with autism correlates with behavioral symptoms. <i>Autism Research</i> , 2008, 1, 275-283.	3.8	161
15	Maternal Mid-Pregnancy Autoantibodies to Fetal Brain Protein: The Early Markers for Autism Study. <i>Biological Psychiatry</i> , 2008, 64, 583-588.	1.3	154
16	Detection of autoantibodies to neural cells of the cerebellum in the plasma of subjects with autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 64-74.	4.1	141
17	Characterization of antimitochondrial antibodies in healthy adults. <i>Hepatology</i> , 1998, 27, 656-661.	7.3	136
18	Brain-Specific Autoantibodies in the Plasma of Subjects with Autistic Spectrum Disorder. <i>Annals of the New York Academy of Sciences</i> , 2007, 1107, 92-103.	3.8	134

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19	Analysis of hepatic T lymphocyte and immunoglobulin deposits in patients with primary biliary cirrhosis. <i>Hepatology</i> , 1990, 12, 306-313.	7.3	114
20	Autoimmunity, Autoantibodies, and Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, 383-390.	1.3	114
21	Autoantibodies to cerebellum in children with autism associate with behavior. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 514-523.	4.1	111
22	In Search of Cellular Immunophenotypes in the Blood of Children with Autism. <i>PLoS ONE</i> , 2011, 6, e19299.	2.5	107
23	Maternal Autoantibodies in Autism. <i>Archives of Neurology</i> , 2012, 69, 693-9.	4.5	105
24	Immune Endophenotypes in Children With Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, 434-441.	1.3	105
25	Risk factors in autism: Thinking outside the brain. <i>Journal of Autoimmunity</i> , 2016, 67, 1-7.	6.5	102
26	Abnormal expression of the E2 component of the pyruvate dehydrogenase complex on the luminal surface of biliary epithelium occurs before major histocompatibility complex class II and BB1/B7 expression. <i>Hepatology</i> , 1995, 21, 1031-1037.	7.3	97
27	Neonatal cytokines and chemokines and risk of Autism Spectrum Disorder: the Early Markers for Autism (EMA) study: a case-control study. <i>Journal of Neuroinflammation</i> , 2014, 11, 113.	7.2	97
28	Long-term altered immune responses following fetal priming in a non-human primate model of maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2017, 63, 60-70.	4.1	97
29	Behavioral Correlates of Maternal Antibody Status Among Children with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 1435-1445.	2.7	91
30	Maternal autoantibodies are associated with abnormal brain enlargement in a subgroup of children with autism spectrum disorder. <i>Brain, Behavior, and Immunity</i> , 2013, 30, 61-65.	4.1	85
31	Evidence for a locally driven mucosal response and the presence of mitochondrial antigens in saliva in primary biliary cirrhosis. <i>Hepatology</i> , 2000, 31, 24-29.	7.3	82
32	Genes within the HLA class II region confer both predisposition and resistance to primary biliary cirrhosis. <i>Tissue Antigens</i> , 1994, 43, 71-77.	1.0	79
33	Immunohistochemical analysis of adhesion molecules in the microenvironment of portal tracts in relation to aberrant expression of PDC-E2 and HLA-DR on the bile ducts in primary biliary cirrhosis. <i>Journal of Pathology</i> , 1995, 175, 319-325.	4.5	77
34	Brief Report: Plasma Leptin Levels are Elevated in Autism: Association with Early Onset Phenotype?. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 169-175.	2.7	77
35	A Prospective Study of Environmental Exposures and Early Biomarkers in Autism Spectrum Disorder: Design, Protocols, and Preliminary Data from the MARBLES Study. <i>Environmental Health Perspectives</i> , 2018, 126, 117004.	6.0	77
36	Increased production of IL-17 in children with autism spectrum disorders and co-morbid asthma. <i>Journal of Neuroimmunology</i> , 2015, 286, 33-41.	2.3	74

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37	Dynamic Akt/mTOR Signaling in Children with Autism Spectrum Disorder. <i>Frontiers in Pediatrics</i> , 2017, 5, 43.	1.9	70
38	Polyurethane Shape-Memory Polymers Demonstrate Functional Biocompatibility In Vitro. <i>Macromolecular Bioscience</i> , 2007, 7, 48-55.	4.1	64
39	An Exploratory Examination of Neonatal Cytokines and Chemokines as Predictors of Autism Risk: The Early Markers for Autism Study. <i>Biological Psychiatry</i> , 2019, 86, 255-264.	1.3	63
40	Maternal autism-associated IgG antibodies delay development and produce anxiety in a mouse gestational transfer model. <i>Journal of Neuroimmunology</i> , 2012, 252, 56-65.	2.3	61
41	Brain-derived neurotrophic factor and autism: maternal and infant peripheral blood levels in the Early Markers for Autism (EMA) study. <i>Autism Research</i> , 2008, 1, 130-137.	3.8	57
42	Heterogeneous response of antimitochondrial autoantibodies and bile duct apical staining monoclonal antibodies to pyruvate dehydrogenase complex E2: The molecule versus the mimic. <i>Hepatology</i> , 2001, 33, 792-801.	7.3	54
43	Myeloperoxidase-positive inflammatory cells participate in bile duct damage in primary biliary cirrhosis through nitric oxide-mediated reactions. <i>Hepatology</i> , 2003, 38, 1018-1025.	7.3	53
44	Prenatal Exposure to Autism-Specific Maternal Autoantibodies Alters Proliferation of Cortical Neural Precursor Cells, Enlarges Brain, and Increases Neuronal Size in Adult Animals. <i>Cerebral Cortex</i> , 2016, 26, 374-383.	2.9	51
45	Contribution to antimitochondrial antibody production: Cleavage of pyruvate dehydrogenase complex-E2 by apoptosis-related proteases. <i>Hepatology</i> , 2002, 35, 14-22.	7.3	48
46	Clinicopathological study of primary biliary cirrhosis negative for antimitochondrial antibodies. <i>Liver</i> , 1997, 17, 281-287.	0.1	46
47	Detection of plasma autoantibodies to brain tissue in young children with and without autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1123-1135.	4.1	46
48	Further characterization of autoantibodies to GABAergic neurons in the central nervous system produced by a subset of children with autism. <i>Molecular Autism</i> , 2011, 2, 5.	4.9	46
49	Heterogeneity of combinatorial human autoantibodies against PDC-E2 and biliary epithelial cells in patients with primary biliary cirrhosis. <i>Hepatology</i> , 1994, 20, 574-583.	7.3	44
50	Human combinatorial autoantibodies and mouse monoclonal antibodies to PDC-E2 produce abnormal apical staining of salivary glands in patients with coexistent primary biliary cirrhosis and Sjogren's syndrome. <i>Hepatology</i> , 1994, 20, 893-898.	7.3	44
51	Maternal autoantibody related autism: mechanisms and pathways. <i>Molecular Psychiatry</i> , 2019, 24, 252-265.	7.9	44
52	Embryonic intraventricular exposure to autism-specific maternal autoantibodies produces alterations in autistic-like stereotypical behaviors in offspring mice. <i>Behavioural Brain Research</i> , 2014, 266, 46-51.	2.2	42
53	Maternal Anti-Fetal Brain IgG Autoantibodies and Autism Spectrum Disorder: Current Knowledge and its Implications for Potential Therapeutics. <i>CNS Drugs</i> , 2015, 29, 715-724.	5.9	42
54	Autism-specific maternal autoantibodies produce behavioral abnormalities in an endogenous antigen-driven mouse model of autism. <i>Molecular Psychiatry</i> , 2020, 25, 2994-3009.	7.9	42

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55	Detection of IL-17 and IL-23 in Plasma Samples of Children with Autism. <i>American Journal of Biochemistry and Biotechnology</i> , 2008, 4, 114-120.	0.4	40
56	Baseline immunoreactivity before pregnancy and poly(I:C) dose combine to dictate susceptibility and resilience of offspring to maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 619-630.	4.1	36
57	Characterization of recombinant monoclonal IgA anti-PDC-E2 autoantibodies derived from patients with PBC. <i>Hepatology</i> , 2002, 36, 1383-1392.	7.3	35
58	Translational opportunities in the prenatal immune environment: Promises and limitations of the maternal immune activation model. <i>Neurobiology of Disease</i> , 2020, 141, 104864.	4.4	34
59	Identification of t cells in early dermal lymphocytic infiltrates in avian scleroderma. <i>Arthritis and Rheumatism</i> , 1989, 32, 1031-1040.	6.7	32
60	Autism-specific maternal anti-fetal brain autoantibodies are associated with metabolic conditions. <i>Autism Research</i> , 2017, 10, 89-98.	3.8	32
61	Risk assessment analysis for maternal autoantibody-related autism (MAR-ASD): a subtype of autism. <i>Molecular Psychiatry</i> , 2021, 26, 1551-1560.	7.9	31
62	Maternal Immune Activation during Pregnancy Alters Postnatal Brain Growth and Cognitive Development in Nonhuman Primate Offspring. <i>Journal of Neuroscience</i> , 2021, 41, 9971-9987.	3.6	29
63	Primary Biliary Cirrhosis and Epithelitis: Evidence of Abnormal Salivary Gland Immunohistochemistry. <i>Autoimmunity</i> , 1997, 26, 23-31.	2.6	28
64	Cross-genetic determination of maternal and neonatal immune mediators during pregnancy. <i>Genome Medicine</i> , 2018, 10, 67.	8.2	27
65	Molecular characterization of the mitochondrial autoantigens in primary biliary cirrhosis. <i>Immunologic Research</i> , 1991, 10, 518-527.	2.9	24
66	Prenatal Stress and Maternal Immune Dysregulation in Autism Spectrum Disorders: Potential Points for Intervention. <i>Current Pharmaceutical Design</i> , 2020, 25, 4331-4343.	1.9	24
67	Generation of monoclonal antibodies to murine bile duct epithelial cells: Identification of annexin V as a new marker of small intrahepatic bile ducts. <i>Hepatology</i> , 1999, 29, 1019-1025.	7.3	23
68	Acute peripheral immune activation alters cytokine expression and glial activation in the early postnatal rat brain. <i>Journal of Neuroinflammation</i> , 2019, 16, 200.	7.2	23
69	Maternal immune response and air pollution exposure during pregnancy: insights from the Early Markers for Autism (EMA) study. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 42.	3.1	23
70	Decreased levels of total immunoglobulin in children with autism are not a result of B cell dysfunction. <i>Journal of Neuroimmunology</i> , 2012, 251, 94-102.	2.3	21
71	Identification of the antigenic epitopes of maternal autoantibodies in autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 399-407.	4.1	21
72	Peptides of neuron specific enolase as potential ASD biomarkers: From discovery to epitope mapping. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 200-208.	4.1	21

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73	Alterations in Retrotransposition, Synaptic Connectivity, and Myelination Implicated by Transcriptomic Changes Following Maternal Immune Activation in Nonhuman Primates. <i>Biological Psychiatry</i> , 2021, 89, 896-910.	1.3	21
74	Animal Models of Scleroderma: Contrasts and Comparisons. <i>International Reviews of Immunology</i> , 1995, 12, 201-216.	3.3	20
75	Peripheral Blood Leukocyte Production of BDNF following Mitogen Stimulation in Early Onset and Regressive Autism. <i>American Journal of Biochemistry and Biotechnology</i> , 2008, 4, 121-129.	0.4	20
76	Prenatal and Newborn Immunoglobulin Levels from Mother-Child Pairs and Risk of Autism Spectrum Disorders. <i>Frontiers in Neuroscience</i> , 2016, 10, 218.	2.8	17
77	Sequential perturbations to mouse corticogenesis following in utero maternal immune activation. <i>ELife</i> , 2021, 10, .	6.0	17
78	Granulomatous cholangitis in chronic hepatitis C: A new diagnostic problem in liver pathology. <i>Pathology International</i> , 1996, 46, 301-305.	1.3	16
79	Maternal autoimmune antibodies alter the dendritic arbor and spine numbers in the infragranular layers of the cortex. <i>PLoS ONE</i> , 2017, 12, e0183443.	2.5	16
80	Brief Report: Antibodies Reacting to Brain Tissue in Basque Spanish Children with Autism Spectrum Disorder and Their Mothers. <i>Journal of Autism and Developmental Disorders</i> , 2014, 44, 459-465.	2.7	14
81	Effects of cytokines on nuclear factor-kappa B, cell viability, and synaptic connectivity in a human neuronal cell line. <i>Molecular Psychiatry</i> , 2021, 26, 875-887.	7.9	14
82	The influence of sex, genotype, and dose on serum and hippocampal cytokine levels in juvenile mice developmentally exposed to a human-relevant mixture of polychlorinated biphenyls. <i>Current Research in Toxicology</i> , 2020, 1, 85-103.	2.7	12
83	Sexually dimorphic neuroanatomical differences relate to ASD-relevant behavioral outcomes in a maternal autoantibody mouse model. <i>Molecular Psychiatry</i> , 2021, 26, 7530-7537.	7.9	12
84	Maternal autoantibody profiles as biomarkers for ASD and ASD with co-occurring intellectual disability. <i>Molecular Psychiatry</i> , 2022, 27, 3760-3767.	7.9	10
85	Neonatal Thyroid Stimulating Hormone and Subsequent Diagnosis of Autism Spectrum Disorders and Intellectual Disability. <i>Autism Research</i> , 2020, 13, 444-455.	3.8	9
86	Biodistribution and toxicity of epitope-functionalized dextran iron oxide nanoparticles in a pregnant murine model. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1186-1202.	4.0	9
87	Maternal Immune Dysregulation and Autism—Understanding the Role of Cytokines, Chemokines and Autoantibodies. <i>Frontiers in Psychiatry</i> , 2022, 13, .	2.6	9
88	A profile and review of findings from the Early Markers for Autism study: unique contributions from a population-based case-control study in California. <i>Molecular Autism</i> , 2021, 12, 24.	4.9	8
89	Nonlethal <i>Plasmodium yoelii</i> Infection Drives Complex Patterns of Th2-Type Host Immunity and Mast Cell-Dependent Bacteremia. <i>Infection and Immunity</i> , 2020, 88, .	2.2	8
90	Neonatal chemokine markers predict subsequent diagnosis of autism spectrum disorder and delayed development. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 121-133.	4.1	8

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91	The Immunologic and Genetic Basis of Avian Scleroderma, an Inherited Fibrotic Disease of Line 200 Chickens. <i>International Reviews of Immunology</i> , 1994, 11, 273-282.	3.3	5
92	Malaria-induced bacteremia as a consequence of multiple parasite survival strategies. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100036.	2.3	5
93	Towards a nanoparticle-based prophylactic for maternal autoantibody-related autism. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102067.	3.3	4
94	Mast Cell Chymase/Mcpt4 Suppresses the Host Immune Response to <i>Plasmodium yoelii</i> , Limits Malaria-Associated Disruption of Intestinal Barrier Integrity and Reduces Parasite Transmission to <i>Anopheles stephensi</i> . <i>Frontiers in Immunology</i> , 2022, 13, 801120.	4.8	4
95	Pilot Study of Maternal Autoantibody-Related Autism. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2022, 43, 465-471.	1.1	3
96	An autoantigen in PSC? Whither or whether? Mandal A, Dasgupta A, Jeffers L, Squillante L, Hyder S, Reddy R, Schiff E, Das KM. Autoantibodies in sclerosing cholangitis against a shared peptide in biliary and colon epithelium. <i>Gastroenterology</i> 1994;106:185-192. <i>Hepatology</i> , 1994, 20, 1096-1098.	7.3	1
97	Maternal Autoantibodies in Autism Spectrum Disorder. , 2014, , 429-449.		0