Cornelia A Deeg

List of Publications by Year
in descending order

88	2,714	218677	233421
papers	citations	26 h-index	45 g-index

95	95	95	2763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deciphering Membrane-Associated Molecular Processes in Target Tissue of Autoimmune Uveitis by Label-Free Quantitative Mass Spectrometry. Molecular and Cellular Proteomics, 2010, 9, 2292-2305.	3.8	181
2	ARMS2 Is a Constituent of the Extracellular Matrix Providing a Link between Familial and Sporadic Age-Related Macular Degenerations. , 2010, 51, 79.		119
3	Constitutive Crosspresentation of Tissue Antigens by Dendritic Cells Controls CD8+ T Cell Tolerance In Vivo. Immunity, 2008, 28, 521-532.	14.3	113
4	GDNF Family Ligands Trigger Indirect Neuroprotective Signaling in Retinal Glial Cells. Molecular and Cellular Biology, 2006, 26, 2746-2757.	2.3	108
5	Uveitis in horses induced by interphotoreceptor retinoidâ€binding protein is similar to the spontaneous disease. European Journal of Immunology, 2002, 32, 2598-2606.	2.9	93
6	Identification and Functional Validation of Novel Autoantigens in Equine Uveitis. Molecular and Cellular Proteomics, 2006, 5, 1462-1470.	3.8	85
7	Equine Recurrent Uveitis – A Spontaneous Horse Model of Uveitis. Ophthalmic Research, 2008, 40, 151-153.	1.9	83
8	Uveitis in a Patient Treated with Bacille-Calmette-GuÃ©rin. Ophthalmology, 2009, 116, 2457-2462.e2.	5.2	79
9	Ocular immunology in equine recurrent uveitis. Veterinary Ophthalmology, 2008, 11, 61-65.	1.0	73
10	Inter- and Intramolecular Epitope Spreading in Equine Recurrent Uveitis. , 2006, 47, 652.		72
11	Proteomic profiling of epileptogenesis in a rat model: Focus on inflammation. Brain, Behavior, and Immunity, 2016, 53, 138-158.	4.1	70
12	Retinal Mueller Glial Cells Trigger the Hallmark Inflammatory Process in Autoimmune Uveitis. Journal of Proteome Research, 2007, 6, 2121-2131.	3.7	54
13	Equine recurrent uveitis is strongly associated with the MHC class I haplotype ELA-A9. Equine Veterinary Journal, 2010, 36, 73-75.	1.7	54
14	Porcine models for studying complications and organ crosstalk in diabetes mellitus. Cell and Tissue Research, 2020, 380, 341-378.	2.9	54
15	Membrane-initiated effects of progesterone on calcium dependent signaling and activation of VEGF gene expression in retinal glial cells. Glia, 2007, 55, 1061-1073.	4.9	53
16	The Uveitogenic Potential of Retinal S-Antigen in Horses. , 2004, 45, 2286.		51
17	Normal structure and age-related changes of the equine retina. Veterinary Ophthalmology, 2002, 5, 39-47.	1.0	49
18	Downâ€regulation of pigment epitheliumâ€derived factor in uveitic lesion associates with focal vascular endothelial growth factor expression and breakdown of the bloodâ€retinal barrier. Proteomics, 2007, 7, 1540-1548.	2.2	49

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19	CRALBP is a Highly Prevalent Autoantigen for Human Autoimmune Uveitis. Clinical and Developmental Immunology, 2007, 2007, 1-6.	3.3	48
20	Label-free LC-MSMS analysis of vitreous from autoimmune uveitis reveals a significant decrease in secreted Wnt signalling inhibitors DKK3 and SFRP2. Journal of Proteomics, 2012, 75, 4545-4554.	2.4	48
21	Differential expression of inwardly rectifying K⁺ channels and aquaporins 4 and 5 in autoimmune uveitis indicates misbalance in MÃ¼ller glial cellâ€dependent ion and water homeostasis. Glia, 2011, 59, 697-707.	4.9	44
22	Proteomic analysis of the porcine interphotoreceptor matrix. Proteomics, 2005, 5, 3623-3636.	2.2	42
23	The Munich MIDY Pig Biobank â€“ A unique resource for studying organ crosstalk in diabetes. Molecular Metabolism, 2017, 6, 931-940.	6.5	39
24	Major retinal autoantigens remain stably expressed during all stages of spontaneous uveitis. Molecular Immunology, 2007, 44, 3291-3296.	2.2	37
25	Retinopathy with central oedema in an INS C94Y transgenic pig model of long-term diabetes. Diabetologia, 2017, 60, 1541-1549.	6.3	36
26	Changes in Matrix Metalloproteinase Network in a Spontaneous Autoimmune Uveitis Model. , 2011, 52, 2314.		35
27	Serum PEDF Levels Are Decreased in a Spontaneous Animal Model for Human Autoimmune Uveitis. Journal of Proteome Research, 2009, 8, 992-998.	3.7	33
28	Unraveling the Equine Lymphocyte Proteome: Differential Septin 7 Expression Associates with Immune Cells in Equine Recurrent Uveitis. PLoS ONE, 2014, 9, e91684.	2.5	30
29	Correlation Between Disease Severity and Presence of Ocular Autoantibodies in Juvenile Idiopathic Arthritis-Associated Uveitis. , 2014, 55, 3447.		29
30	Altered expression of talin 1 in peripheral immune cells points to a significant role of the innate immune system in spontaneous autoimmune uveitis. Journal of Proteomics, 2012, 75, 4536-4544.	2.4	28
31	Induction of <scp>T</scp> regulatory cells by the superagonistic antiâ€<scp>CD</scp>28 antibody <scp>D</scp>665 leads to decreased pathogenic <scp>I</scp>g<scp>G</scp> autoantibodies against desmoglein 3 in a <scp>HLA</scp>â€transgenic mouse model of pemphigus vulgaris. Experimental Dermatology, 2016, 25, 293-298.	2.9	28
32	Neuron-specific enolase antibodies in patients with sudden acquired retinal degeneration syndrome. Veterinary Immunology and Immunopathology, 2008, 124, 177-183.	1.2	27
33	Comparison of urine protein profiles in cats without urinary tract disease and cats with idiopathic cystitis, bacterial urinary tract infection, or urolithiasis. American Journal of Veterinary Research, 2011, 72, 1407-1415.	0.6	27
34	Proteomic profiling of epileptogenesis in a rat model: Focus on cell stress, extracellular matrix and angiogenesis. Neurobiology of Disease, 2018, 112, 119-135.	4.4	27
35	Expression Changes and Novel Interaction Partners of Talin 1 in Effector Cells of Autoimmune Uveitis. Journal of Proteome Research, 2013, 12, 5812-5819.	3.7	26
36	Neutrophil Extracellular Traps in the Pathogenesis of Equine Recurrent Uveitis (ERU). Cells, 2019, 8, 1528.	4.1	26

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37	A proteomic approach for studying the pathogenesis of spontaneous equine recurrent uveitis (ERU). Veterinary Immunology and Immunopathology, 2009, 128, 132-136.	1.2	25
38	A systems level analysis of epileptogenesis-associated proteome alterations. Neurobiology of Disease, 2017, 105, 164-178.	4.4	25
39	Complement factor B expression profile in a spontaneous uveitis model. Immunobiology, 2010, 215, 949-955.	1.9	24
40	Osteopontin and Fibronectin Levels Are Decreased in Vitreous of Autoimmune Uveitis and Retinal Expression of Both Proteins Indicates ECM Re-Modeling. PLoS ONE, 2011, 6, e27674.	2.5	24
41	Formin like 1 expression is increased on CD4+ T lymphocytes in spontaneous autoimmune uveitis. Journal of Proteomics, 2017, 154, 102-108.	2.4	23
42	Immunological Characterization of Intraocular Lymphoid Follicles in a Spontaneous Recurrent Uveitis Model. , 2016, 57, 4504.		22
43	Bovine neonatal pancytopenia - Comparative proteomic characterization of two BVD vaccines and the producer cell surface proteome (MDBK). BMC Veterinary Research, 2013, 9, 18.	1.9	21
44	Expression and Distribution Pattern of Aquaporin 4, 5 and 11 in Retinas of 15 Different Species. International Journal of Molecular Sciences, 2016, 17, 1145.	4.1	21
45	Proteome Dynamics in Biobanked Horse Peripheral Blood Derived Lymphocytes (PBL) with Induced Autoimmune Uveitis. Proteomics, 2017, 17, 1700013.	2.2	21
46	Kininogen in Autoimmune Uveitis: Decrease in Peripheral Blood Stream versus Increase in Target Tissue. , 2010, 51, 375.		20
47	Interaction of septin 7 and DOCK8 in equine lymphocytes reveals novel insights into signaling pathways associated with autoimmunity. Scientific Reports, 2018, 8, 12332.	3.3	20
48	Decrease of Trefoil factor 2 in cats with feline idiopathic cystitis. BJU International, 2011, 107, 670-677.	2.5	19
49	Identification of Ocular Autoantigens Associated With Juvenile Idiopathic Arthritis-Associated Uveitis. Frontiers in Immunology, 2019, 10, 1793.	4.8	19
50	IL8 and PMA Trigger the Regulation of Different Biological Processes in Granulocyte Activation. Frontiers in Immunology, 2019, 10, 3064.	4.8	19
51	Chronic Hyperglycemia Drives Functional Impairment of Lymphocytes in Diabetic INSC94Y Transgenic Pigs. Frontiers in Immunology, 2020, 11, 607473.	4.8	19
52	Aquaporin 11, a regulator of water efflux at retinal MÃ¼ller glial cell surface decreases concomitant with immune-mediated gliosis. Journal of Neuroinflammation, 2016, 13, 89.	7.2	17
53	Identification of Autoantigens in Body Fluids by Combining Pull-Downs and Organic Precipitations of Intact Immune Complexes with Quantitative Label-Free Mass Spectrometry. Journal of Proteome Research, 2013, 12, 5656-5665.	3.7	16
54	Immunogenicity and protective efficacy of recombinant Modified Vaccinia virus Ankara candidate vaccines delivering West Nile virus envelope antigens. Vaccine, 2016, 34, 1915-1926.	3.8	16

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55	Proteomic Phenotyping of Stimulated MÃ¼ller Cells Uncovers Profound Pro-Inflammatory Signaling and Antigen-Presenting Capacity. Frontiers in Pharmacology, 2021, 12, 771571.	3.5	16
56	Miscellaneous vitreousâ€derived IgM antibodies target numerous retinal proteins in equine recurrent uveitis. Veterinary Ophthalmology, 2012, 15, 57-64.	1.0	15
57	Inhibition of human retinal pigment epithelial cell attachment, spreading, and migration by the human lectin galectin-1. Molecular Vision, 2009, 15, 2162-73.	1.1	15
58	Isolation, characterization and establishment of an equine retinal glial cell line: a prerequisite to investigate the physiological function of MÃ¼ller cells in the retina. Journal of Animal Physiology and Animal Nutrition, 2012, 96, 260-269.	2.2	14
59	Cell Surface Profiling of Retinal MÃ¼ller Glial Cells Reveals Association to Immune Pathways after LPS Stimulation. Cells, 2021, 10, 711.	4.1	14
60	Chicken immunoregulatory Ig-like receptor families: An overview and expression details on ggTREM-A1. Developmental and Comparative Immunology, 2013, 41, 403-412.	2.3	13
61	Vitreal IgM Autoantibodies Target Neurofilament Medium in a Spontaneous Model of Autoimmune Uveitis. , 2012, 53, 294.		12
62	Novel Potential Interacting Partners of Fibronectin in Spontaneous Animal Model of Interstitial Cystitis. PLoS ONE, 2012, 7, e51391.	2.5	12
63	Retinal Glycoprotein Enrichment by Concanavalin A Enabled Identification of Novel Membrane Autoantigen Synaptotagmin-1 in Equine Recurrent Uveitis. PLoS ONE, 2012, 7, e50929.	2.5	12
64	Discovering novel targets for autoantibodies in dilated cardiomyopathy. Electrophoresis, 2008, 29, 1325-1332.	2.4	11
65	Protein expression profile of Gasterophilus intestinalis larvae causing horse gastric myiasis and characterization of horse immune reaction. Parasites and Vectors, 2009, 2, 6.	2.5	11
66	Deviant proteome profile of equine granulocytes associates to latent activation status in organ specific autoimmune disease. Journal of Proteomics, 2021, 230, 103989.	2.4	11
67	Investigation of corneal autoantibodies in horses with immune mediated keratitis (IMMK). Veterinary Immunology and Immunopathology, 2017, 187, 48-54.	1.2	9
68	Aberrant Migratory Behavior of Immune Cells in Recurrent Autoimmune Uveitis in Horses. Frontiers in Cell and Developmental Biology, 2020, 8, 101.	3.7	9
69	Immunological Insights in Equine Recurrent Uveitis. Frontiers in Immunology, 2020, 11, 609855.	4.8	9
70	Immunophenotyping and characterization of BNP colostra revealed pathogenic alloantibodies of IgG1 subclass with specifity to platelets, granulocytes and monocytes of all maturation stages. Veterinary Immunology and Immunopathology, 2012, 147, 25-34.	1.2	8
71	True blue: Sâ€opsin is widely expressed in different animal species. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 32-42.	2.2	8
72	Proteome profile of neutrophils from a transgenic diabetic pig model shows distinct changes. Journal of Proteomics, 2020, 224, 103843.	2.4	8

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73	The Equine CD4+ Lymphocyte Proteome. Dataset Papers in Science, 2014, 2014, 1-4.	1.0	8
74	Profound Re-Organization of Cell Surface Proteome in Equine Retinal Pigment Epithelial Cells in Response to In Vitro Culturing. International Journal of Molecular Sciences, 2012, 13, 14053-14072.	4.1	7
75	Regulation of Alzheimer's disease-associated proteins during epileptogenesis. Neuroscience, 2020, 424, 102-120.	2.3	7
76	A Functionally Different Immune Phenotype in Cattle Is Associated With Higher Mastitis Incidence. Frontiers in Immunology, 2018, 9, 2884.	4.8	6
77	Characterization of plant lectins for their ability to isolate Mycobacterium avium subsp. paratuberculosis from milk. Food Microbiology, 2019, 82, 231-239.	4.2	6
78	CD11d is a novel antigen on chicken leukocytes. Journal of Proteomics, 2020, 225, 103876.	2.4	6
79	NEU1 is more abundant in uveitic retina with concomitant desialylation of retinal cells. Glycobiology, 2021, 31, 873-883.	2.5	6
80	Novel Localization of Peripherin 2, the Photoreceptor-Specific Retinal Degeneration Slow Protein, in Retinal Pigment Epithelium. International Journal of Molecular Sciences, 2015, 16, 2678-2692.	4.1	4
81	Mycobacterium avium subsp. paratuberculosis Proteome Changes Profoundly in Milk. Metabolites, 2021, 11, 549.	2.9	4
82	Peripheral blood bovine lymphocytes and MAP show distinctly different proteome changes and immune pathways in host-pathogen interaction. PeerJ, 2019, 7, e8130.	2.0	4
83	High glucose treatment promotes extracellular matrix proteome remodeling in MÃ¼ller glial cells. PeerJ, 2021, 9, e11316.	2.0	3
84	Bovine Peripheral Blood Derived Lymphocyte Proteome and Secretome Show Divergent Reaction of Bovine Immune Phenotypes after Stimulation with Pokeweed Mitogen. Proteomes, 2022, 10, 7.	3.5	3
85	Altered Metabolic Phenotype of Immune Cells in a Spontaneous Autoimmune Uveitis Model. Frontiers in Immunology, 2021, 12, 601619.	4.8	2
86	Banana Lectin from Musa paradisiaca Is Mitogenic for Cow and Pig PBMC via IL-2 Pathway and ELF1. Immuno, 2021, 1, 264-276.	1.5	2
87	Uveitis in Horses, Rats and Man: What Do We Learn from Our Pets?. Current Immunology Reviews, 2011, 7, 368-377.	1.2	1
88	Pudding Proteomics: Cyclomaltodextrin Glucanotransferase and Microbial Proteases Can Liquefy Extended Shelf Life Dairy Products. Metabolites, 2022, 12, 254.	2.9	0