

Klaus Lehnert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9382934/publications.pdf>

Version: 2024-02-01

55
papers

1,755
citations

304743

22
h-index

302126

39
g-index

60
all docs

60
docs citations

60
times ranked

3198
citing authors

#	ARTICLE	IF	CITATIONS
1	Haploinsufficiency of the NF- κ B1 Subunit p50 in Common Variable Immunodeficiency. <i>American Journal of Human Genetics</i> , 2015, 97, 389-403.	6.2	232
2	Cross-Comparison of Exome Analysis, Next-Generation Sequencing of Amplicons, and the iPLEX [®] ADME PGx Panel for Pharmacogenomic Profiling. <i>Frontiers in Pharmacology</i> , 2016, 7, 1.	3.5	231
3	Modulation of the maternal immune system by the pre-implantation embryo. <i>BMC Genomics</i> , 2010, 11, 474.	2.8	112
4	Sequence-based Association Analysis Reveals an MGST1 eQTL with Pleiotropic Effects on Bovine Milk Composition. <i>Scientific Reports</i> , 2016, 6, 25376.	3.3	103
5	De Novo Pathogenic Variants in CACNA1E Cause Developmental and Epileptic Encephalopathy with Contractures, Macrocephaly, and Dyskinesias. <i>American Journal of Human Genetics</i> , 2018, 103, 666-678.	6.2	87
6	Review: Diagnosing Common Variable Immunodeficiency Disorder in the Era of Genome Sequencing. <i>Clinical Reviews in Allergy and Immunology</i> , 2018, 54, 261-268.	6.5	69
7	Expression Variants of the Lipogenic AGPAT6 Gene Affect Diverse Milk Composition Phenotypes in <i>Bos taurus</i> . <i>PLoS ONE</i> , 2014, 9, e85757.	2.5	58
8	Epistatic interactions between mutations of TACI (<i>TNFRSF13B</i>) and <i>TCF3</i> result in a severe primary immunodeficiency disorder and systemic lupus erythematosus. <i>Clinical and Translational Immunology</i> , 2017, 6, e159.	3.8	54
9	MAdCAM-1 costimulates T cell proliferation exclusively through integrin α 4 β 7, whereas VCAM-1 and CS-1 peptide use α 4 β 1: evidence for α 4 β 1 costimulation and induction of hyperresponsiveness to B7 molecules. <i>European Journal of Immunology</i> , 1998, 28, 3605-3615.	2.9	45
10	Clinical Implications of Digenic Inheritance and Epistasis in Primary Immunodeficiency Disorders. <i>Frontiers in Immunology</i> , 2017, 8, 1965.	4.8	44
11	Glycoprotein biosynthesis in <i>Saccharomyces cerevisiae</i> : <i>ngd29</i> , an N-glycosylation mutant allelic to <i>choch1</i> having a defect in the initiation of outer chain formation. <i>FEBS Letters</i> , 1995, 370, 41-45.	2.8	42
12	Brain dopamine-serotonin vesicular transport disease presenting as a severe infantile hypotonic parkinsonian disorder. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 305-308.	3.6	41
13	Common Variable Immunodeficiency Disorders, T-Cell Responses to SARS-CoV-2 Vaccines, and the Risk of Chronic COVID-19. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3575-3583.	3.8	41
14	Metabolic proteomics of the liver and mammary gland during lactation. <i>Journal of Proteomics</i> , 2012, 75, 4429-4435.	2.4	39
15	Profiling the metabolic proteome of bovine mammary tissue. <i>Proteomics</i> , 2008, 8, 1502-1515.	2.2	32
16	Angiostatin enhances B7.1-mediated cancer immunotherapy independently of effects on vascular endothelial growth factor expression. <i>Cancer Gene Therapy</i> , 2001, 8, 719-727.	4.6	30
17	Cloning, Sequence Analysis, and Chromosomal Localization of the Novel Human Integrin α 11 Subunit (ITGA11). <i>Genomics</i> , 1999, 60, 179-187.	2.9	29
18	Proteomic Analysis of Microsomes from Lactating Bovine Mammary Gland. <i>Journal of Proteome Research</i> , 2008, 7, 1427-1432.	3.7	29

#	ARTICLE	IF	CITATIONS
19	Keeping it in the family: the case for considering late-onset combined immunodeficiency a subset of common variable immunodeficiency disorders. <i>Expert Review of Clinical Immunology</i> , 2018, 14, 549-556.	3.0	27
20	Estimation of genetic and crossbreeding parameters of fatty acid concentrations in milk fat predicted by mid-infrared spectroscopy in New Zealand dairy cattle. <i>Journal of Dairy Research</i> , 2014, 81, 340-349.	1.4	25
21	Genome-wide association studies of lactation yields of milk, fat, protein and somatic cell score in New Zealand dairy goats. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 55.	5.3	25
22	Perspective: diagnostic laboratories should urgently develop T cell assays for SARS-CoV-2 infection. <i>Expert Review of Clinical Immunology</i> , 2021, 17, 421-430.	3.0	24
23	LPAM-1 (integrin $\alpha 4\beta 7$)-ligand binding: overlapping binding sites recognizing VCAM-1, MAdCAM-1 and CS-1 are blocked by fibrinogen, a fibronectin-like polymer and RGD-like cyclic peptides. <i>European Journal of Immunology</i> , 1998, 28, 995-1004.	2.9	23
24	Rapid, quantitative analysis of 3- and 6-sialyllactose in milk by flow-injection analysis-mass spectrometry: Screening of milks for naturally elevated sialyllactose concentration. <i>Journal of Dairy Science</i> , 2013, 96, 7684-7691.	3.4	21
25	Compound Heterozygous Inheritance of Mutations in Coenzyme Q8A Results in Autosomal Recessive Cerebellar Ataxia and Coenzyme Q10 Deficiency in a Female Sib-Pair. <i>JIMD Reports</i> , 2017, 42, 31-36.	1.5	21
26	Compound heterozygous <i>SLC19A3</i> mutations further refine the critical promoter region for biotin-thiamine-responsive basal ganglia disease. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001909.	1.2	20
27	Evaluation of the performance of copy number variant prediction tools for the detection of deletions from whole genome sequencing data. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103174.	4.3	20
28	Interaction of monocytoïd cells with the mucosal addressin MAdCAM-1 via the integrins VLA-4 and LPAM-1. <i>Immunology and Cell Biology</i> , 1996, 74, 383-393.	2.3	18
29	All Patients With Common Variable Immunodeficiency Disorders (CVID) Should Be Routinely Offered Diagnostic Genetic Testing. <i>Frontiers in Immunology</i> , 2019, 10, 2678.	4.8	15
30	Perspective: Application of the American College of Medical Genetics Variant Interpretation Criteria to Common Variable Immunodeficiency Disorders. <i>Clinical Reviews in Allergy and Immunology</i> , 2021, 61, 226-235.	6.5	15
31	Phenotypic population screen identifies a new mutation in bovine DGAT1 responsible for unsaturated milk fat. <i>Scientific Reports</i> , 2015, 5, 8484.	3.3	14
32	Genetic parameters for total lactation yields of milk, fat, protein, and somatic cell score in New Zealand dairy goats. <i>Animal Science Journal</i> , 2020, 91, e13310.	1.4	14
33	An Immunological Approach to Increase the Brain's Resilience to Insults. <i>ISRN Neuroscience</i> , 2014, 2014, 1-10.	1.5	13
34	Induction of systemic antitumor immunity by gene transfer of mammalian heat shock protein 70.1 into tumors in situ. <i>Cancer Gene Therapy</i> , 2001, 8, 974-981.	4.6	12
35	Penetrance and expressivity of the R858H <i>CACNA1C</i> variant in a five-generation pedigree segregating an arrhythmogenic channelopathy. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00476.	1.2	11
36	Perspective: the nose and the stomach play a critical role in the NZACE2-Päri* (modified ACE2) drug treatment project of SARS-CoV-2 infection. <i>Expert Review of Clinical Immunology</i> , 2021, 17, 553-560.	3.0	10

#	ARTICLE	IF	CITATIONS
37	Severe COVID-19 is a T cell immune dysregulatory disorder triggered by SARS-CoV-2. Expert Review of Clinical Immunology, 2022, 18, 557-565.	3.0	10
38	Mouse M290 is the functional homologue of the human mucosal lymphocyte integrin HML-1: Antagonism between the integrin ligands E-cadherin and RGD tripeptide. Immunology and Cell Biology, 1999, 77, 337-344.	2.3	9
39	A Triad of Highly Divergent Polymeric Immunoglobulin Receptor (PIGR) Haplotypes with Major Effect on IgA Concentration in Bovine Milk. PLoS ONE, 2013, 8, e57219.	2.5	9
40	The (apparent) antibody paradox in COVID-19. Expert Review of Clinical Immunology, 2022, 18, 335-345.	3.0	9
41	Modelling brain dopamine-serotonin vesicular transport disease in <i>Caenorhabditis elegans</i> . DMM Disease Models and Mechanisms, 2018, 11, .	2.4	8
42	Copy number variants implicate cardiac function and development pathways in earthquake-induced stress cardiomyopathy. Scientific Reports, 2018, 8, 7548.	3.3	8
43	Inhaled modified angiotensin converting enzyme 2 (ACE2) as a decoy to mitigate SARS-CoV-2 infection. New Zealand Medical Journal, 2020, 133, 112-118.	0.5	7
44	Novel PRMT7 mutation in a rare case of dysmorphism and intellectual disability. Journal of Human Genetics, 2021, , .	2.3	6
45	Are All Primary Immunodeficiency Disorders Inborn Errors of Immunity?. Frontiers in Immunology, 2021, 12, 706796.	4.8	6
46	Advantage of including Genomic Information to Predict Breeding Values for Lactation Yields of Milk, Fat, and Protein or Somatic Cell Score in a New Zealand Dairy Goat Herd. Animals, 2021, 11, 24.	2.3	6
47	Common Variable Immunodeficiency Disorders as a Model for Assessing COVID-19 Vaccine Responses in Immunocompromised Patients. Frontiers in Immunology, 2021, 12, 798389.	4.8	6
48	Response to letter to the editor: the clinical utility of diagnostic T cell assays for COVID-19. Expert Review of Clinical Immunology, 2021, 17, 1159-1161.	3.0	5
49	The New Zealand minds for minds autism spectrum disorder self-reported cohort. Research in Autism Spectrum Disorders, 2017, 36, 1-7.	1.5	4
50	Screening for phenotypic outliers identifies an unusually low concentration of a β -lactoglobulin B protein isoform in bovine milk caused by a synonymous SNP. Genetics Selection Evolution, 2022, 54, 22.	3.0	4
51	Whole Exome Sequencing Reveals Compound Heterozygosity for Ethnically Distinct PEX7 Mutations Responsible for Rhizomelic Chondrodysplasia Punctata, Type 1. Case Reports in Genetics, 2015, 2015, 1-4.	0.2	3
52	A <i>Capra hircus</i> chromosome 19 locus linked to milk production influences mammary conformation. Journal of Animal Science and Biotechnology, 2022, 13, 4.	5.3	3
53	MAdCAM-1 costimulates T cell proliferation exclusively through integrin $\alpha 4 \beta 7$, whereas VCAM-1 and CS-1 peptide use $\alpha 4 \beta 1$: evidence for "remote" costimulation and induction of hyperresponsiveness to B7 molecules. European Journal of Immunology, 1998, 28, 3605-3615.	2.9	1
54	RBV: Read balance validator, a tool for prioritising copy number variations in germline conditions. Scientific Reports, 2019, 9, 16934.	3.3	0

#	ARTICLE	IF	CITATIONS
55	Under-ascertainment of breast cancer susceptibility gene carriers in a cohort of New Zealand female breast cancer patients. Breast Cancer Research and Treatment, 2021, 185, 583-590.	2.5	0