

Albert Bensaid

List of Publications by Year in descending order

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75
papers

2,838
citations

147566

31
h-index

189595

50
g-index

78
all docs

78
docs citations

78
times ranked

2883
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a bovine surface antigen uniquely expressed on CD4 ⁺ CD8 ⁺ T cell receptor β / γ + T lymphocytes. <i>European Journal of Immunology</i> , 1990, 20, 809-817.	1.6	231
2	An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. <i>Science</i> , 2016, 351, 77-81.	6.0	216
3	Sequence conservation of microsatellites between <i>Bos taurus</i> (cattle), <i>Capra hircus</i> (goat) and related species. Examples of use in parentage testing and phylogeny analysis. <i>Heredity</i> , 1995, 74, 53-61.	1.2	152
4	Differential Expression of the Middle East Respiratory Syndrome Coronavirus Receptor in the Upper Respiratory Tracts of Humans and Dromedary Camels. <i>Journal of Virology</i> , 2016, 90, 4838-4842.	1.5	107
5	Expression Library Immunization Can Confer Protection against Lethal Challenge with African Swine Fever Virus. <i>Journal of Virology</i> , 2014, 88, 13322-13332.	1.5	101
6	Summary of workshop findings for leukocyte antigens of cattle. <i>Veterinary Immunology and Immunopathology</i> , 1991, 27, 21-27.	0.5	99
7	Bovine cytotoxic T-cell clones specific for cells infected with the protozoan parasite <i>Theileria parva</i> : parasite strain specificity and class I major histocompatibility complex restriction.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 5238-5242.	3.3	96
8	Livestock Susceptibility to Infection with Middle East Respiratory Syndrome Coronavirus. <i>Emerging Infectious Diseases</i> , 2017, 23, 232-240.	2.0	90
9	Comparative Genomic Analysis of Three Strains of <i>Ehrlichia ruminantium</i> Reveals an Active Process of Genome Size Plasticity. <i>Journal of Bacteriology</i> , 2006, 188, 2533-2542.	1.0	86
10	Protection of goats against heartwater acquired by immunisation with inactivated elementary bodies of <i>Cowdria ruminantium</i> . <i>Veterinary Immunology and Immunopathology</i> , 1994, 41, 153-163.	0.5	81
11	Experimental infection with H1N1 European swine influenza virus protects pigs from an infection with the 2009 pandemic H1N1 human influenza virus. <i>Veterinary Research</i> , 2010, 41, 74.	1.1	71
12	Chimeric camel/human heavy-chain antibodies protect against MERS-CoV infection. <i>Science Advances</i> , 2018, 4, eaas9667.	4.7	66
13	Identification of expressed bovine class I MHC genes at two loci and demonstration of physical linkage. <i>Immunogenetics</i> , 1991, 33, 247-54.	1.2	56
14	Bovine CD4 (BoCD4). <i>Veterinary Immunology and Immunopathology</i> , 1991, 27, 51-54.	0.5	54
15	Trimeric Autotransporters of <i>Haemophilus parasuis</i> : Generation of an Extensive Passenger Domain Repertoire Specific for Pathogenic Strains. <i>Journal of Bacteriology</i> , 2009, 191, 576-587.	1.0	53
16	Pigs are not susceptible to SARS-CoV-2 infection but are a model for viral immunogenicity studies. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1721-1725.	1.3	51
17	Monitoring Natural SARS-CoV-2 Infection in Lions (<i>Panthera leo</i>) at the Barcelona Zoo: Viral Dynamics and Host Responses. <i>Viruses</i> , 2021, 13, 1683.	1.5	51
18	Characterization of a Bovine Thymic Differentiation Antigen Analogous to CD1 in the Human. <i>Scandinavian Journal of Immunology</i> , 1988, 27, 541-547.	1.3	49

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19	Characterization of 18 new BoLA-DRB3 alleles. <i>Animal Genetics</i> , 1999, 30, 200-203.	0.6	45
20	Ehrlichia ruminantium Major Antigenic Protein Gene (map1) Variants Are Not Geographically Constrained and Show No Evidence of Having Evolved under Positive Selection Pressure. <i>Journal of Clinical Microbiology</i> , 2001, 39, 4200-4203.	1.8	44
21	Analysis of the reactivity of anti-bovine CD8 monoclonal antibodies with cloned T cell lines and mouse L-cells transfected with bovine CD8. <i>Veterinary Immunology and Immunopathology</i> , 1991, 27, 169-172.	0.5	43
22	Comparative efficacy of Freund's and Montanide ISA50 adjuvants for the immunisation of goats against heartwater with inactivated Cowdria ruminantium. <i>Veterinary Parasitology</i> , 1996, 67, 175-184.	0.7	43
23	Humoral and bronchial immune responses in cattle experimentally infected with Mycoplasma mycoides subsp. mycoides small colony type. <i>Veterinary Microbiology</i> , 1998, 59, 109-122.	0.8	43
24	Immune Responses to Cowdria ruminantium Infections. <i>Parasitology Today</i> , 1999, 15, 286-290.	3.1	42
25	Protection against reinfection with D614- or G614-SARS-CoV-2 isolates in golden Syrian hamster. <i>Emerging Microbes and Infections</i> , 2021, 10, 797-809.	3.0	42
26	Recombinant bovine interferon gamma inhibits the growth of Cowdria ruminantium but fails to induce major histocompatibility complex class II following infection of endothelial cells. <i>Veterinary Immunology and Immunopathology</i> , 1996, 53, 61-71.	0.5	38
27	Immunogenicity and protection against Haemophilus parasuis infection after vaccination with recombinant virulence associated trimeric autotransporters (VtaA). <i>Vaccine</i> , 2011, 29, 2797-2802.	1.7	38
28	Identification of potentially virulent strains of Haemophilus parasuis using a multiplex PCR for virulence-associated autotransporters (vtaA). <i>Veterinary Journal</i> , 2012, 191, 213-218.	0.6	37
29	A robust PCR for the differentiation of potential virulent strains of Haemophilus parasuis. <i>BMC Veterinary Research</i> , 2017, 13, 124.	0.7	36
30	Transcriptional analysis of the major antigenic protein 1 multigene family of Cowdria ruminantium. <i>Gene</i> , 2002, 285, 193-201.	1.0	35
31	The use of genome wide association methods to investigate pathogenicity, population structure and serovar in Haemophilus parasuis. <i>BMC Genomics</i> , 2014, 15, 1179.	1.2	34
32	An immunochemical analysis of class I (BoLA) molecules on the surface of bovine cells. <i>Immunogenetics</i> , 1988, 27, 139-144.	1.2	33
33	Experimental infection of dromedaries with Middle East respiratory syndrome-Coronavirus is accompanied by massive ciliary loss and depletion of the cell surface receptor dipeptidyl peptidase 4. <i>Scientific Reports</i> , 2018, 8, 9778.	1.6	33
34	Cell-mediated immune responses of cattle to Theileria parva. <i>Trends in Immunology</i> , 1986, 7, 211-216.	7.5	30
35	An Amino Acid Sequence Coded by the Exon 2 of the BoLA DRB3 Gene Associated with a BoLA Class I Specificity Constitutes a Likely Genetic Marker of Resistance to Dermatophilosis in Brahman Zebu Cattle of Martinique (FWI)a. <i>Annals of the New York Academy of Sciences</i> , 1996, 791, 185-197.	1.8	29
36	Blocking transmission of Middle East respiratory syndrome coronavirus (MERS-CoV) in llamas by vaccination with a recombinant spike protein. <i>Emerging Microbes and Infections</i> , 2019, 8, 1593-1603.	3.0	29

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37	Virulence-associated trimeric autotransporters of <i>Haemophilus parasuis</i> are antigenic proteins expressed in vivo. <i>Veterinary Research</i> , 2010, 41, 26.	1.1	29
38	Experimental West Nile Virus Infection in Gyr-Saker Hybrid Falcons. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 482-489.	0.6	28
39	Efficacy assessment of an MVA vectored Rift Valley Fever vaccine in lambs. <i>Antiviral Research</i> , 2014, 108, 165-172.	1.9	26
40	Quantification of <i>Ehrlichia ruminantium</i> by real time PCR. <i>Veterinary Microbiology</i> , 2005, 107, 273-278.	0.8	23
41	Schmallenberg virus detection in <i>Culicoides</i> biting midges in Spain: First laboratory evidence for highly efficient infection of <i>Culicoides</i> of the <i>Obsoletus</i> complex and <i>Culicoides imicola</i> . <i>Transboundary and Emerging Diseases</i> , 2018, 65, e1-e6.	1.3	23
42	<i>Culicoides</i> Midge Bites Modulate the Host Response and Impact on Bluetongue Virus Infection in Sheep. <i>PLoS ONE</i> , 2014, 9, e83683.	1.1	23
43	Comparative Genomics of Three Strains of <i>Ehrlichia ruminantium</i> . <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 417-433.	1.8	19
44	Distribution and genetic characterization of Enterovirus G and Sapelovirus A in six Spanish swine herds. <i>Virus Research</i> , 2016, 215, 42-49.	1.1	19
45	Co-localization of Middle East respiratory syndrome coronavirus (MERS-CoV) and dipeptidyl peptidase-4 in the respiratory tract and lymphoid tissues of pigs and llamas. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 831-841.	1.3	18
46	Detection of genomic polymorphisms among isolates of the intracellular bacterium <i>Cowdria ruminantium</i> by random amplified polymorphic DNA and Southern blotting. <i>FEMS Microbiology Letters</i> , 2006, 154, 73-79.	0.7	17
47	Cell surface phenotype of two cloned populations of bovine lymphocytes displaying non-specific cytotoxic activity. <i>Veterinary Immunology and Immunopathology</i> , 1991, 27, 195-199.	0.5	14
48	Searching for animal models and potential target species for emerging pathogens: Experience gained from Middle East respiratory syndrome (MERS) coronavirus. <i>One Health</i> , 2017, 3, 34-40.	1.5	14
49	Middle East respiratory syndrome coronavirus experimental transmission using a pig model. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1342-1345.	1.3	14
50	Characterization of variable immunodominant antigens of <i>Cowdria ruminantium</i> by ELISA and immunoblots. <i>Parasite Immunology</i> , 1998, 20, 613-622.	0.7	12
51	Exploratory Study on the Transcriptional Profile of Pigs Subclinically Infected with Porcine Circovirus Type 2. <i>Animal Biotechnology</i> , 2009, 20, 96-109.	0.7	12
52	Type I and III IFNs produced by the nasal epithelia and dimmed inflammation are features of alpacas resolving MERS-CoV infection. <i>PLoS Pathogens</i> , 2021, 17, e1009229.	2.1	12
53	Bovine CD6 (BoCD6). <i>Veterinary Immunology and Immunopathology</i> , 1991, 27, 61-64.	0.5	11
54	Somatic cell mapping of T-cell receptor CD3 complex and CD8 genes in cattle. <i>Immunogenetics</i> , 1992, 36, 224-229.	1.2	10

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55	In vitro infection of bovine brain endothelial cells by <i>Cowdria ruminantium</i> . <i>Research in Veterinary Science</i> , 1993, 55, 258-260.	0.9	10
56	Analysis of Cellular Responses to Native and Recombinant Proteins of <i>Cowdria ruminantium</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 849, 155-160.	1.8	10
57	Effect of isolation techniques, in vitro culture and IFN γ treatment on the constitutive expression of MHC Class I and Class II molecules on goat neutrophils. <i>Veterinary Immunology and Immunopathology</i> , 1999, 70, 19-32.	0.5	10
58	Microarray analysis of mediastinal lymph node of pigs naturally affected by postweaning multisystemic wasting syndrome. <i>Virus Research</i> , 2012, 165, 134-142.	1.1	9
59	Enhanced replication fitness of MERS-CoV clade B over clade A strains in camelids explains the dominance of clade B strains in the Arabian Peninsula. <i>Emerging Microbes and Infections</i> , 2022, 11, 260-274.	3.0	9
60	Inhibition of MHC class I and class II cell surface expression on bovine endothelial cells upon infection with <i>Cowdria ruminantium</i> . <i>Veterinary Immunology and Immunopathology</i> , 1998, 61, 37-48.	0.5	8
61	Bovine CD4+ T-cell lines reactive with soluble and membrane antigens of <i>Cowdria ruminantium</i> . <i>Veterinary Immunology and Immunopathology</i> , 1999, 70, 269-276.	0.5	8
62	Serum cross-reaction among virulence-associated trimeric autotransporters (VtaA) of <i>Haemophilus parasuis</i> . <i>Veterinary Microbiology</i> , 2013, 164, 387-391.	0.8	8
63	Decrypting the Origin and Pathogenesis in Pregnant Ewes of a New Ovine Pestivirus Closely Related to Classical Swine Fever Virus. <i>Viruses</i> , 2020, 12, 775.	1.5	8
64	Evaluation of several flow cytometric assays for the analysis of T-cell responses in goats. <i>Cytometry</i> , 2002, 49, 49-55.	1.8	6
65	Middle East respiratory syndrome coronavirus infection in camelids. <i>Veterinary Pathology</i> , 2022, 59, 546-555.	0.8	6
66	The Use of CD4+ T-cell Lines to Screen for Immunogenic Proteins of <i>Cowdria ruminantium</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 849, 375-377.	1.8	5
67	Differential strain-specific diagnosis of the heartwater agent: <i>Ehrlichia ruminantium</i> . <i>Infection, Genetics and Evolution</i> , 2008, 8, 459-466.	1.0	5
68	Genomic and antigenic characterization of monomeric autotransporters of <i>Haemophilus parasuis</i> : an ongoing process of reductive evolution. <i>Microbiology (United Kingdom)</i> , 2012, 158, 436-447.	0.7	5
69	Detection of MERS-CoV antigen on formalin-fixed paraffin-embedded nasal tissue of alpacas by immunohistochemistry using human monoclonal antibodies directed against different epitopes of the spike protein. <i>Veterinary Immunology and Immunopathology</i> , 2019, 218, 109939.	0.5	5
70	Inhibitory Effect of <i>Cowdria ruminantium</i> on the Expression of MHC Class I and Class II Molecules on Bovine Endothelial Cells. <i>Annals of the New York Academy of Sciences</i> , 1998, 849, 181-187.	1.8	4
71	Genome comparison of three serovar 5 pathogenic strains of <i>Haemophilus parasuis</i> : insights into an evolving swine pathogen. <i>Microbiology (United Kingdom)</i> , 2014, 160, 1974-1984.	0.7	4
72	Alteration in the <i>Culex pipiens</i> transcriptome reveals diverse mechanisms of the mosquito immune system implicated upon Rift Valley fever phlebovirus exposure. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008870.	1.3	4

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73	Protective efficacy of an RBD-based Middle East respiratory syndrome coronavirus (MERS-CoV) particle vaccine in llamas. <i>One Health Outlook</i> , 2022, 4, .	1.4	4
74	The extended leader peptide of <i>Haemophilus parasuis</i> trimeric autotransporters conditions their protein expression in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2017, 133, 15-24.	0.6	1
75	A poxvirus-based vaccine reduces virus excretion after MERS coronavirus infection in dromedary camels. <i>International Journal of Infectious Diseases</i> , 2016, 45, 421-422.	1.5	0