Jacques Le Pendu

List of Publications by Year
in descending order

102 papers	7,743 citations	57758 44 h-index	53230 85 g-index
103 all docs	103 docs citations	103 times ranked	6855 citing authors

#	Article	IF	Citations
1	Low Levels of Natural Anti-Î±-N-Acetylgalactosamine (Tn) Antibodies Are Associated With COVID-19. Frontiers in Microbiology, 2021, 12, 641460.	3.5	11
2	Covid-19 and blood groups: ABO antibody levels may also matter. International Journal of Infectious Diseases, 2021, 104, 242-249.	3.3	52
3	ABO Blood Types and COVID-19: Spurious, Anecdotal, or Truly Important Relationships? A Reasoned Review of Available Data. Viruses, 2021, 13, 160.	3.3	72
4	ABO Blood Group Incompatibility Protects Against SARS-CoV-2 Transmission. Frontiers in Microbiology, 2021, 12, 799519.	3.5	23
5	Fondness for sugars of enteric viruses confronts them with human glycans genetic diversity. Human Genetics, 2020, 139, 903-910.	3.8	33
6	Host-Range Shift Between Emerging P[8]-4 Rotavirus and Common P[8] and P[4] Strains. Journal of Infectious Diseases, 2020, 222, 836-839.	4.0	8
7	Harnessing the natural anti-glycan immune response to limit the transmission of enveloped viruses such as SARS-CoV-2. PLoS Pathogens, 2020, 16, e1008556.	4.7	83
8	FUT2, Secretor Status and FUT3 Polymorphisms of Children with Acute Diarrhea Infected with Rotavirus and Norovirus in Brazil. Viruses, 2020, 12, 1084.	3.3	20
9	The Coxsackievirus and Adenovirus Receptor, a Required Host Factor for Recovirus Infection, Is a Putative Enteric Calicivirus Receptor. Journal of Virology, 2019, 93, .	3.4	16
10	Dual Recognition of Sialic Acid and Î±Gal Epitopes by the VP8* Domains of the Bovine Rotavirus G6P[5] WC3 and of Its Mono-reassortant G4P[5] RotaTeq Vaccine Strains. Journal of Virology, 2019, 93, .	3.4	16
11	Host-Specific Glycans Are Correlated with Susceptibility to Infection by Lagoviruses, but Not with Their Virulence. Journal of Virology, 2018, 92, .	3.4	15
12	Histo-blood group antigen-binding specificities of human rotaviruses are associated with gastroenteritis but not with in vitro infection. Scientific Reports, 2018, 8, 12961.	3.3	48
13	The wide utility of rabbits as models of human diseases. Experimental and Molecular Medicine, 2018, 50, 1-10.	7.7	103
14	Bovine Nebovirus Interacts with a Wide Spectrum of Histo-Blood Group Antigens. Journal of Virology, 2018, 92, .	3.4	16
15	Sustained fecal-oral human-to-human transmission following a zoonotic event. Current Opinion in Virology, 2017, 22, 1-6.	5.4	46
16	Proposal for a unified classification system and nomenclature of lagoviruses. Journal of General Virology, 2017, 98, 1658-1666.	2.9	148
17	Anti-viral Effect of Bifidobacterium adolescentis against Noroviruses. Frontiers in Microbiology, 2016, 7, 864.	3.5	33
18	Carcinoma-associated fucosylated antigens are markers of the epithelial state and can contribute to cell adhesion through<i>CLEC17A</i>(Prolectin). Oncotarget, 2016, 7, 14064-14082.	1.8	17

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19	Binding to histo-blood group antigen-expressing bacteria protects human norovirus from acute heat stress. Frontiers in Microbiology, 2015, 6, 659.	3.5	89
20	Tulane Virus as a Potential Surrogate To Mimic Norovirus Behavior in Oysters. Applied and Environmental Microbiology, 2015, 81, 5249-5256.	3.1	34
21	Evidence for Human Norovirus Infection of Dogs in the United Kingdom. Journal of Clinical Microbiology, 2015, 53, 1873-1883.	3.9	34
22	Neofunctionalization of the Sec1 Î±1,2fucosyltransferase Paralogue in Leporids Contributes to Glycan Polymorphism and Resistance to Rabbit Hemorrhagic Disease Virus. PLoS Pathogens, 2015, 11, e1004759.	4.7	7
23	A Recombinant Fungal Lectin for Labeling Truncated Glycans on Human Cancer Cells. PLoS ONE, 2015, 10, e0128190.	2.5	25
24	Emergence of Pathogenicity in Lagoviruses: Evolution from Pre-existing Nonpathogenic Strains or through a Species Jump?. PLoS Pathogens, 2015, 11, e1005087.	4.7	31
25	Genogroup IV and VI Canine Noroviruses Interact with Histo-Blood Group Antigens. Journal of Virology, 2014, 88, 10377-10391.	3.4	47
26	Detection of RHDV strains in the Iberian hare (Lepus granatensis): earliest evidence of rabbit lagovirus cross-species infection. Veterinary Research, 2014, 45, 94.	3.0	24
27	Increase in Genogroup II.4 Norovirus Host Spectrum by CagA-Positive Helicobacter pylori Infection. Journal of Infectious Diseases, 2014, 210, 183-191.	4.0	16
28	A FUT2 Gene Common Polymorphism Determines Resistance to Rotavirus A of the P[8] Genotype. Journal of Infectious Diseases, 2014, 209, 1227-1230.	4.0	136
29	Molecular evolution and antigenic variation of European brown hare syndrome virus (EBHSV). Virology, 2014, 468-470, 104-112.	2.4	21
30	Bioaccumulation Efficiency, Tissue Distribution, and Environmental Occurrence of Hepatitis E Virus in Bivalve Shellfish from France. Applied and Environmental Microbiology, 2014, 80, 4269-4276.	3.1	60
31	Hostâ€"pathogen co-evolution and glycan interactions. Current Opinion in Virology, 2014, 7, 88-94.	5.4	62
32	Blood Group Substances as Potential Therapeutic Agents for the Prevention and Treatment of Infection with Noroviruses Proving Novel Binding Patterns in Human Tissues. PLoS ONE, 2014, 9, e89071.	2.5	14
33	Infectivity of GI and GII noroviruses established from oyster related outbreaks. Epidemics, 2013, 5, 98-110.	3.0	78
34	Chronic or Accidental Exposure of Oysters to Norovirus: Is There Any Difference in Contamination?. Journal of Food Protection, 2013, 76, 505-509.	1.7	7
35	Noroviruses and histoâ€blood groups: the impact of common host genetic polymorphisms on virus transmission and evolution. Reviews in Medical Virology, 2013, 23, 355-366.	8.3	75
36	The VP8* Domain of Neonatal Rotavirus Strain G10P[11] Binds to Type II Precursor Glycans. Journal of Virology, 2013, 87, 7255-7264.	3.4	74

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37	Molecular Characterization of Noroviruses and HBGA from Infected Quilombola Children in Espirito Santo State, Brazil. PLoS ONE, 2013, 8, e69348.	2.5	17
38	Fucose-binding Lectin from Opportunistic Pathogen Burkholderia ambifaria Binds to Both Plant and Human Oligosaccharidic Epitopes. Journal of Biological Chemistry, 2012, 287, 4335-4347.	3.4	92
39	3-Fluoro- and 3,3-Difluoro-3,4-dideoxy-KRN7000 Analogues as New Potent Immunostimulator Agents: Total Synthesis and Biological Evaluation in Human Invariant Natural Killer T Cells and Mice. Journal of Medicinal Chemistry, 2012, 55, 1227-1241.	6.4	21
40	Transmission of viruses through shellfish: when specific ligands come into play. Current Opinion in Virology, 2012, 2, 103-110.	5.4	151
41	Shared Human/Rabbit Ligands for Rabbit Hemorrhagic Disease Virus. Emerging Infectious Diseases, 2012, 18, 518-519.	4.3	1
42	Cell attachment protein VP8* of a human rotavirus specifically interacts with A-type histo-blood group antigen. Nature, 2012, 485, 256-259.	27.8	283
43	Rabbit haemorrhagic disease (RHD) and rabbit haemorrhagic disease virus (RHDV): a review. Veterinary Research, 2012, 43, 12.	3.0	302
44	Strain-Dependent Norovirus Bioaccumulation in Oysters. Applied and Environmental Microbiology, 2011, 77, 3189-3196.	3.1	115
45	Histo-Blood Group Antigens Act as Attachment Factors of Rabbit Hemorrhagic Disease Virus Infection in a Virus Strain-Dependent Manner. PLoS Pathogens, 2011, 7, e1002188.	4.7	94
46	Infection-associated FUT2 (Fucosyltransferase 2) genetic variation and impact on functionality assessed by in vivo studies. Glycoconjugate Journal, 2010, 27, 61-68.	2.7	29
47	Distribution in Tissue and Seasonal Variation of Norovirus Genogroup I and II Ligands in Oysters. Applied and Environmental Microbiology, 2010, 76, 5621-5630.	3.1	128
48	Bovine Norovirus: Carbohydrate Ligand, Environmental Contamination, and Potential Cross-Species Transmission via Oysters. Applied and Environmental Microbiology, 2010, 76, 6404-6411.	3.1	38
49	Comprehensive Analysis of a Norovirus-Associated Gastroenteritis Outbreak, from the Environment to the Consumer. Journal of Clinical Microbiology, 2010, 48, 915-920.	3.9	75
50	Human noroviruses recognize sialyl Lewis x neoglycoprotein. Glycobiology, 2009, 19, 309-320.	2.5	93
51	Fut2-null mice display an altered glycosylation profile and impaired BabA-mediated Helicobacter pylori adhesion to gastric mucosa. Glycobiology, 2009, 19, 1525-1536.	2.5	93
52	The Î±Gal Epitope of the Histo-Blood Group Antigen Family Is a Ligand for Bovine Norovirus Newbury2 Expected to Prevent Cross-Species Transmission. PLoS Pathogens, 2009, 5, e1000504.	4.7	71
53	Norwalk virus-like particles bind specifically to A, H and difucosylated Lewis but not to B histo-blood group active glycosphingolipids. Glycoconjugate Journal, 2009, 26, 1171-1180.	2.7	27
54	Widespread Gene Conversion of Alpha-2-Fucosyltransferase Genes in Mammals. Journal of Molecular Evolution, 2009, 69, 22-31.	1.8	24

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55	Evolution of microparasites in spatially and genetically structured host populations: The example of RHDV infecting rabbits. Journal of Theoretical Biology, 2009, 257, 212-227.	1.7	12
56	Focus on the Controversial Activation of Human iNKT Cells by 4-Deoxy Analogue of KRN7000. Journal of Medicinal Chemistry, 2009, 52, 4960-4963.	6.4	27
57	Norwalk virus: How infectious is it?. Journal of Medical Virology, 2008, 80, 1468-1476.	5.0	1,019
58	Association between expression of the H histo-blood group antigen, Â1,2fucosyltransferases polymorphism of wild rabbits, and sensitivity to rabbit hemorrhagic disease virus. Glycobiology, 2008, 19, 21-28.	2.5	37
59	Inhibition of the interaction between the SARS-CoV Spike protein and its cellular receptor by anti-histo-blood group antibodies. Glycobiology, 2008, 18, 1085-1093.	2.5	306
60	Long-term evolution of the CAZY glycosyltransferase 6 (ABO) gene family from fishes to mammalsâ€"a birth-and-death evolution model. Glycobiology, 2007, 17, 516-528.	2.5	49
61	Characterization of the carcinoma-associated Tk antigen in helminth parasites. Experimental Parasitology, 2007, 116, 129-136.	1.2	19
62	Mendelian resistance to human norovirus infections. Seminars in Immunology, 2006, 18, 375-386.	5.6	142
63	Norwalk Virusâ€"specific Binding to Oyster Digestive Tissues. Emerging Infectious Diseases, 2006, 12, 931-936.	4.3	218
64	Bile-salt-stimulated lipase and mucins from milk of â€˜secretorâ€™ mothers inhibit the binding of Norwalk virus capsids to their carbohydrate ligands. Biochemical Journal, 2006, 393, 627-634.	3.7	72
65	Influence of the CombinedABO, FUT2,andFUT3Polymorphism on Susceptibility to Norwalk Virus Attachment. Journal of Infectious Diseases, 2005, 192, 1071-1077.	4.0	108
66	Expression of sialyl-Tn epitopes on Î²1 integrin alters epithelial cell phenotype, proliferation and haptotaxis. Journal of Cell Science, 2004, 117, 5059-5069.	2.0	68
67	Two new FUT2 (fucosyltransferase 2 gene) missense polymorphisms, 739Gâ†'A and 839Tâ†'C, are partly responsible for non-secretor status in a Caucasian population from Northern Portugal. Biochemical Journal, 2004, 383, 469-474.	3.7	32
68	Lewis enzyme (Î±1â€"3/4 fucosyltransferase) polymorphisms do not explain the Lewis phenotype in the gastric mucosa of a Portuguese population. Journal of Human Genetics, 2003, 48, 183-189.	2.3	16
69	Cloning of a rat gene encoding the histo-blood group B enzyme: rats have more than one Abo gene. Glycobiology, 2003, 13, 919-928.	2.5	9
70	Expression of histo-blood group A antigen increases resistance to apoptosis and facilitates escape from immune control of rat colon carcinoma cells. Glycobiology, 2002, 12, 851-856.	2.5	39
71	Norwalk virus binds to histo-blood group antigens present on gastroduodenal epithelial cells of secretor individuals. Gastroenterology, 2002, 122, 1967-1977.	1.3	446
72	Cloning of a rat gene encoding the histo-blood group A enzyme. FEBS Journal, 2002, 269, 4040-4047.	0.2	13

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73	ABH and Lewis histo-blood group antigens, a model for the meaning of oligosaccharide diversity in the face of a changing world. Biochimie, 2001, 83, 565-573.	2.6	272
74	Comparison of the three rat GDP-L-fucose:Î²-D-galactoside 2-Î±-L-fucosyltransferases FTA, FTB and FTC. FEBS Journal, 2001, 268, 1006-1019.	0.2	21
75	Fluorescent carbohydrate probes for cell lectins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 2285-2296.	3.9	17
76	ABH and Lewis histo-blood group antigens in cancer. Apmis, 2001, 109, 9-26.	2.0	188
77	Role forÎ±1,2-fucosyltransferase and histo-blood group antigen H type 2 in resistance of rat colon carcinoma cells to 5-fluorouracil. International Journal of Cancer, 2000, 85, 142-148.	5.1	20
78	Susceptibility of rat colon carcinoma cells to lymphokine activated killer-mediated cytotoxicity is decreased by ?1,2-fucosylation. , 2000, 86, 713-717.		12
79	Â1,2Fucosyltransferase increases resistance to apoptosis of rat colon carcinoma cells. Glycobiology, 2000, 10, 375-382.	2.5	63
80	Binding of Rabbit Hemorrhagic Disease Virus to Antigens of the ABH Histo-Blood Group Family. Journal of Virology, 2000, 74, 11950-11954.	3.4	130
81	Role for Î±1,2-fucosyltransferase and histo-blood group antigen H type 2 in resistance of rat colon carcinoma cells to 5-fluorouracil. International Journal of Cancer, 2000, 85, 142.	5.1	18
82	Glycosylation alterations of cells in late phase apoptosis from colon carcinomas. Glycobiology, 1999, 9, 1337-1345.	2.5	53
83	A rat experimental model for the design of vaccines against tumor associated antigens Tn and Sialyl-Tn. Glycoconjugate Journal, 1999, 16, 681-684.	2.7	2
84	Increased tumorigenicity of rat colon carcinoma cells after ?1,2-fucosyltransferaseFTA anti-sense cDNA transfection. , 1999, 80, 606-611.		21
85	Carbohydrate-Based Probes for Detection of Cellular Lectins. Analytical Biochemistry, 1998, 265, 282-289.	2.4	30
86	Increase of rat colon carcinoma cells tumorigenicity by Î±(lâ€"2) fucosyltransferase gene transfection. Glycobiology, 1997, 7, 221-229.	2.5	69
87	Expression of A and H blood-group and of CD44 antigens during chemical rat colonic carcinogenesis. Glycoconjugate Journal, 1997, 14, 801-808.	2.7	12
88	Immunization against a rat colon carcinoma by sodium butyrate-treated cells but not by interleukin 2-secreting cells. Gastroenterology, 1995, 109, 1555-1565.	1.3	12
89	Expression of the 100-kDa glucose-regulated protein (grp100/endoplasmin) is associated with tumorigenicity in a model of rat colon adenocarcinoma. International Journal of Cancer, 1994, 56, 400-405.	5.1	31
90	An interleukin 2/sodium butyrate combination as immunotherapy for rat colon cancer peritoneal carcinomatosis. Gastroenterology, 1994, 107, 1697-1708.	1.3	66

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91	Identification and characterization of a rat protein (P 105) auto-antigenic in rats bearing a progressive syngeneic colon carcinoma. International Journal of Cancer, 1992, 50, 315-320.	5.1	1
92	Relationship between sensitivity to natural killer cells and MHC class-I antigen expression in colon carcinoma cell lines. International Journal of Cancer, 1992, 50, 659-664.	5.1	7
93	Involvement of histo-blood-group antigens in the susceptibility of colon carcinoma cells to natural killer-mediated cytotoxicity. International Journal of Cancer, 1992, 52, 609-618.	5.1	29
94	Red cell H-deficient, salivary ABH secretor phenotype of Reunion island. Genetic control of the expression of H antigen in the skin. Glycoconjugate Journal, 1988, 5, 499-512.	2.7	30
95	Expression of ABH and X (Lex) antigens in various cells. Biochimie, 1988, 70, 1613-1618.	2.6	12
96	Heterogeneity of the ABH antigenic determinants expressed in human pyloric and duodenal mucosae. Glycoconjugate Journal, 1986, 3, 187-202.	2.7	46
97	A new anti-H lectin from the seeds ofGalactia tenuiflora. Glycoconjugate Journal, 1986, 3, 203-216.	2.7	15
98	Monoclonal antibodies specific for type 3 and type 4 chain-based blood group determinants: Relationship to the A1 and A2 subgroups. Glycoconjugate Journal, 1986, 3, 255-271.	2.7	64
99	Genetics of ABO, H, Lewis, X and Related Antigens. Vox Sanguinis, 1986, 51, 161-171.	1.5	349
100	Monoclonal antibody 101 that precipitates the glycoprotein receptor for epidermal growth factor is directed against the Y antigen, not the H type 1 antigen. Carbohydrate Research, 1985, 141, 347-349.	2.3	37
101	INFLUENCE OF THE ORIGINAL DISEASE, RACE, AND CENTER ON THE OUTCOME OF KIDNEY TRANSPLANTATION. Transplantation, 1982, 33, 22-26.	1.0	23
102	Synthesis of type 2 human blood-group antigenic determinants. The H, X, and Y haptens and variations of the H type 2 determinant as probes for the combining site of the lectin I of Ulex europaeus. Carbohydrate Research, 1982, 109, 109-142.	2.3	213