

# Pierre-Yves Bochud

## List of Publications by Year in descending order

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110  
papers

7,085  
citations

61984

43  
h-index

58581

82  
g-index

117  
all docs

117  
docs citations

117  
times ranked

8511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Variation in IL28B Is Associated With Chronic Hepatitis C and Treatment Failure: A Genome-Wide Association Study. <i>Gastroenterology</i> , 2010, 138, 1338-1345.e7.	1.3	1,056
2	Toll-like Receptor 4 Polymorphisms and Aspergillosis in Stem-Cell Transplantation. <i>New England Journal of Medicine</i> , 2008, 359, 1766-1777.	27.0	408
3	Bacteremia due to viridans streptococci in neutropenic patients: A review. <i>American Journal of Medicine</i> , 1994, 97, 256-264.	1.5	285
4	Genotype 3 is associated with accelerated fibrosis progression in chronic hepatitis C. <i>Journal of Hepatology</i> , 2009, 51, 655-666.	3.7	247
5	Cutting Edge: A Toll-Like Receptor 2 Polymorphism That Is Associated with Lepromatous Leprosy Is Unable to Mediate Mycobacterial Signaling. <i>Journal of Immunology</i> , 2003, 170, 3451-3454.	0.8	238
6	Interferon-Induced Gene Expression Is a Stronger Predictor of Treatment Response Than IL28B Genotype in Patients With Hepatitis C. <i>Gastroenterology</i> , 2011, 140, 1021-1031.e10.	1.3	233
7	IL28B expression depends on a novel TT/-G polymorphism which improves HCV clearance prediction. <i>Journal of Experimental Medicine</i> , 2013, 210, 1109-1116.	8.5	193
8	Antimicrobial therapy for patients with severe sepsis and septic shock: An evidence-based review. <i>Critical Care Medicine</i> , 2004, 32, S495-S512.	0.9	172
9	Science, medicine, and the future: Pathogenesis of sepsis: new concepts and implications for future treatment. <i>BMJ: British Medical Journal</i> , 2003, 326, 262-266.	2.3	171
10	Genome-Wide Association Study Identifies Variants Associated With Progression of Liver Fibrosis From HCV Infection. <i>Gastroenterology</i> , 2012, 143, 1244-1252.e12.	1.3	142
11	Polymorphisms in Toll-like receptor 9 influence the clinical course of HIV-1 infection. <i>Aids</i> , 2007, 21, 441-446.	2.2	139
12	IL28B alleles associated with poor hepatitis C virus (HCV) clearance protect against inflammation and fibrosis in patients infected with non-1 HCV genotypes. <i>Hepatology</i> , 2012, 55, 384-394.	7.3	138
13	Effect of C-Reactive Proteinâ€‘Guided Antibiotic Treatment Duration, 7-Day Treatment, or 14-Day Treatment on 30-Day Clinical Failure Rate in Patients With Uncomplicated Gram-Negative Bacteremia. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2160.	7.4	136
14	Role of Hepatitis C virus genotype 3 in liver fibrosis progression - a systematic review and meta-analysis. <i>Journal of Viral Hepatitis</i> , 2011, 18, 745-759.	2.0	133
15	Response Prediction in Chronic Hepatitis C by Assessment of IP-10 and IL28B-Related Single Nucleotide Polymorphisms. <i>PLoS ONE</i> , 2011, 6, e17232.	2.5	131
16	Tollâ€‘Like Receptor 2 (TLR2) Polymorphisms Are Associated with Reversal Reaction in Leprosy. <i>Journal of Infectious Diseases</i> , 2008, 197, 253-261.	4.0	128
17	Antibiotics in sepsis. <i>Intensive Care Medicine</i> , 2001, 27, S33-S48.	8.2	126
18	Fluoroquinolone prophylaxis in haematological cancer patients with neutropenia: ECIL critical appraisal of previous guidelines. <i>Journal of Infection</i> , 2018, 76, 20-37.	3.3	125

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19	Reduced IFN $\gamma$ 4 activity is associated with improved HCV clearance and reduced expression of interferon-stimulated genes. <i>Nature Communications</i> , 2014, 5, 5699.	12.8	117
20	Impact of donor and recipient IL28B rs12979860 genotypes on hepatitis C virus liver graft reinfection. <i>Journal of Hepatology</i> , 2011, 55, 322-327.	3.7	115
21	IL28B, HLA-C, and KIR Variants Additively Predict Response to Therapy in Chronic Hepatitis C Virus Infection in a European Cohort: A Cross-Sectional Study. <i>PLoS Medicine</i> , 2011, 8, e1001092.	8.4	107
22	Polymorphisms in <i>TLR2</i> Are Associated with Increased Viral Shedding and Lesional Rate in Patients with Genital Herpes Simplex Virus Type 2 Infection. <i>Journal of Infectious Diseases</i> , 2007, 196, 505-509.	4.0	100
23	Viral genotype-specific role of PNPLA3 , PPARC , MTPP , and IL28B in hepatitis C virus-associated steatosis. <i>Journal of Hepatology</i> , 2011, 55, 529-535.	3.7	98
24	IL28B polymorphisms predict reduction of HCV RNA from the first day of therapy in chronic hepatitis C. <i>Journal of Hepatology</i> , 2011, 55, 980-988.	3.7	97
25	Risk factors for candidemia: a prospective matched case-control study. <i>Critical Care</i> , 2020, 24, 109.	5.8	92
26	<i>PTX3</i> Polymorphisms and Invasive Mold Infections After Solid Organ Transplant: Figure 1.. <i>Clinical Infectious Diseases</i> , 2015, 61, 619-622.	5.8	91
27	Combined effect of 25-OH vitamin D plasma levels and genetic variants on fibrosis progression rate in HCV patients. <i>Liver International</i> , 2012, 32, 635-643.	3.9	89
28	Impact of common risk factors of fibrosis progression in chronic hepatitis C. <i>Gut</i> , 2015, 64, 1605-1615.	12.1	85
29	Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. <i>PLoS Genetics</i> , 2014, 10, e1004508.	3.5	80
30	Innate immunogenetics: a tool for exploring new frontiers of host defence. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 531-542.	9.1	76
31	ImmunoChip SNP array identifies novel genetic variants conferring susceptibility to candidaemia. <i>Nature Communications</i> , 2014, 5, 4675.	12.8	76
32	Polymorphisms in toll-like receptor 4 and toll-like receptor 9 influence viral load in a seroincident cohort of HIV-1-infected individuals. <i>Aids</i> , 2009, 23, 2387-2395.	2.2	73
33	Comparative genetic analyses point to HCP5 as susceptibility locus for HCV-associated hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2013, 59, 504-509.	3.7	73
34	Host genetic determinants of spontaneous hepatitis C clearance. <i>Pharmacogenomics</i> , 2009, 10, 1819-1837.	1.3	64
35	Influence of IFNL3/4 Polymorphisms on the Incidence of Cytomegalovirus Infection After Solid-Organ Transplantation. <i>Journal of Infectious Diseases</i> , 2015, 211, 906-914.	4.0	62
36	A Genetic Validation Study Reveals a Role of Vitamin D Metabolism in the Response to Interferon-Alpha-Based Therapy of Chronic Hepatitis C. <i>PLoS ONE</i> , 2012, 7, e40159.	2.5	60

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37	Genetic Analyses Reveal a Role for Vitamin D Insufficiency in HCV-Associated Hepatocellular Carcinoma Development. <i>PLoS ONE</i> , 2013, 8, e64053.	2.5	59
38	Host " hepatitis C viral interactions: The role of genetics. <i>Journal of Hepatology</i> , 2016, 65, S22-S32.	3.7	57
39	Functional polymorphisms of macrophage migration inhibitory factor as predictors of morbidity and mortality of pneumococcal meningitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3597-3602.	7.1	55
40	IL1B and DEFB1 Polymorphisms Increase Susceptibility to Invasive Mold Infection After Solid-Organ Transplantation. <i>Journal of Infectious Diseases</i> , 2015, 211, 1646-1657.	4.0	54
41	IL-17 receptor and adenosine deaminase 2 deficiency in siblings with recurrent infections and chronic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1189-1196.e2.	2.9	54
42	A functional microsatellite of the <i>macrophage migration inhibitory factor</i> gene associated with meningococcal disease. <i>FASEB Journal</i> , 2012, 26, 907-916.	0.5	50
43	Species-Specific Recognition of <i>Aspergillus fumigatus</i> by Toll-like Receptor 1 and Toll-like Receptor 6. <i>Journal of Infectious Diseases</i> , 2012, 205, 944-954.	4.0	48
44	<i>IL28B</i> polymorphisms predict response to therapy among chronic hepatitis C patients with HCV genotype 4. <i>Journal of Viral Hepatitis</i> , 2013, 20, 59-64.	2.0	39
45	The IFNL3/4 G variant increases susceptibility to cytomegalovirus retinitis among HIV-infected patients. <i>Aids</i> , 2014, 28, 1885-1889.	2.2	37
46	Polymorphisms in the lectin pathway of complement activation influence the incidence of acute rejection and graft outcome after kidney transplantation. <i>Kidney International</i> , 2016, 89, 927-938.	5.2	37
47	A systematic review and meta-analysis of <sc>HCV</sc> clearance. <i>Liver International</i> , 2017, 37, 1431-1445.	3.9	37
48	Serum ferritin levels are associated with a distinct phenotype of chronic hepatitis C poorly responding to pegylated interferon-alpha and ribavirin therapy. <i>Hepatology</i> , 2012, 55, 1038-1047.	7.3	36
49	Host genetics of invasive <i>Aspergillus</i> and <i>Candida</i> infections. <i>Seminars in Immunopathology</i> , 2015, 37, 173-186.	6.1	33
50	The recent breakthroughs in the understanding of host genomics in hepatitis C. <i>European Journal of Clinical Investigation</i> , 2010, 40, 950-959.	3.4	28
51	Invasive Aspergillosis Due to <i>Aspergillus</i> Section <i>Usti</i>: A Multicenter Retrospective Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1379-1385.	5.8	28
52	Transcriptomic Signature Differences Between SARS-CoV-2 and Influenza Virus Infected Patients. <i>Frontiers in Immunology</i> , 2021, 12, 666163.	4.8	27
53	LILRB1 polymorphisms influence posttransplant HCMV susceptibility and ligand interactions. <i>Journal of Clinical Investigation</i> , 2018, 128, 1523-1537.	8.2	27
54	Susceptibility to <i>Mycobacterium ulcerans</i> Disease (Buruli ulcer) Is Associated with IFNG and iNOS Gene Polymorphisms. <i>Frontiers in Microbiology</i> , 2017, 8, 1903.	3.5	26

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55	Pentraxin-3 polymorphisms and invasive mold infections in acute leukemia patients receiving intensive chemotherapy. <i>Haematologica</i> , 2018, 103, e527-e530.	3.5	26
56	Performance of the T2Candida Panel for the Diagnosis of Intra-abdominal Candidiasis. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa075.	0.9	26
57	A frequent hypofunctional IRAK2 variant is associated with reduced spontaneous hepatitis C virus clearance. <i>Hepatology</i> , 2015, 62, 1375-1387.	7.3	25
58	The role of bile acid retention and a common polymorphism in the ABCB11 gene as host factors affecting antiviral treatment response in chronic hepatitis C. <i>Journal of Viral Hepatitis</i> , 2011, 18, 768-778.	2.0	24
59	Sex-specific effects of TLR9 promoter variants on spontaneous clearance of HCV infection. <i>Gut</i> , 2017, 66, 1829-1837.	12.1	24
60	<i>Bacillus cereus</i> bacteraemia: comparison between haematologic and nonhaematologic patients. <i>New Microbes and New Infections</i> , 2017, 15, 65-71.	1.6	22
61	The novel <i>ss469415590</i> variant predicts virological response to therapy in patients with chronic hepatitis C virus type 1 infection. <i>Alimentary Pharmacology and Therapeutics</i> , 2014, 39, 322-330.	3.7	21
62	Impact of the Beta-Glucan Test on Management of Intensive Care Unit Patients at Risk for Invasive Candidiasis. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	19
63	<i>IL28B</i> polymorphisms do not predict response to therapy in chronic hepatitis C with HCV genotype 5: Table 1. <i>Gut</i> , 2012, 61, 1640-1641.	12.1	18
64	Immunogenetics of invasive aspergillosis. <i>Medical Mycology</i> , 2011, 49, S125-S136.	0.7	17
65	Polymorphisms in Tumor Necrosis Factor- $\alpha$ Increase Susceptibility to Intra-Abdominal Candida Infection in High-Risk Surgical ICU Patients*. <i>Critical Care Medicine</i> , 2014, 42, e304-e308.	0.9	17
66	Herpes simplex encephalitis in adult patients with MASP-2 deficiency. <i>PLoS Pathogens</i> , 2019, 15, e1008168.	4.7	17
67	A new 3p25 locus is associated with liver fibrosis progression in human immunodeficiency virus/hepatitis C virus-coinfecting patients. <i>Hepatology</i> , 2016, 64, 1462-1472.	7.3	15
68	Trends of the Epidemiology of Candidemia in Switzerland: A 15-Year FUNGINOS Survey. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab471.	0.9	15
69	Virulent infections caused by alpha-haemolytic streptococci in cancer patients and their management. <i>Current Opinion in Infectious Diseases</i> , 1997, 10, 422-430.	3.1	14
70	Host factors and genetic susceptibility to infections due to intracellular bacteria and fastidious organisms. <i>Clinical Microbiology and Infection</i> , 2014, 20, 1246-1253.	6.0	13
71	Fluconazole non-susceptible breakthrough candidemia after prolonged low-dose prophylaxis: a prospective FUNGINOS study. <i>Journal of Infection</i> , 2018, 76, 489-495.	3.3	13
72	Host response to fungal infections – how immunology and host genetics could help to identify and treat patients at risk. <i>Swiss Medical Weekly</i> , 2016, 146, w14350.	1.6	13

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73	Impact of Soluble CD26 on Treatment Outcome and Hepatitis C Virus-Specific T Cells in Chronic Hepatitis C Virus Genotype 1 Infection. <i>PLoS ONE</i> , 2013, 8, e56991.	2.5	12
74	Acute Schistosomiasis: A Risk Underestimated by Travelers and a Diagnosis Frequently Missed by General Practitionersâ€”A Cluster Analysis of 42 Travelers. <i>Journal of Travel Medicine</i> , 2015, 22, 168-173.	3.0	12
75	Risk stratification and immunogenetic risk for infections following stem cell transplantation. <i>Virulence</i> , 2016, 7, 917-929.	4.4	12
76	Cytokines in septic shock. <i>Current Clinical Topics in Infectious Diseases</i> , 2002, 22, 1-23.	0.3	12
77	Evaluation of Mass Spectrometry-Based Detection of Panfungal Serum Disaccharide for Diagnosis of Invasive Fungal Infections: Results from a Collaborative Study Involving Six European Clinical Centers. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	11
78	Increasing morbidity and mortality of candidemia over one decade in a Swiss university hospital. <i>Mycoses</i> , 2021, 64, 1512-1520.	4.0	11
79	High False-Positive Rate of (1,3)- $\beta$ -D-Glucan in Onco-Hematological Patients Receiving Immunoglobulins and Therapeutic Antibodies. <i>Clinical Infectious Diseases</i> , 2022, 75, 330-333.	5.8	11
80	Cohort profile: The Swiss Transplant Cohort Study (STCS): A nationwide longitudinal cohort study of all solid organ recipients in Switzerland. <i>BMJ Open</i> , 2021, 11, e051176.	1.9	10
81	The impact of fibrosis and steatosis on early viral kinetics in HCV genotype 1â€™infected patients treated with Pegâ€™IFNâ€™alphaâ€™2a and ribavirin. <i>Journal of Viral Hepatitis</i> , 2012, 19, 488-496.	2.0	9
82	IL-4 polymorphism influences susceptibility to <i>Pneumocystis jirovecii</i> pneumonia in HIV-positive patients. <i>Aids</i> , 2019, 33, 1719-1727.	2.2	9
83	Genetic and clinic predictors of new onset diabetes mellitus after transplantation. <i>Pharmacogenomics Journal</i> , 2019, 19, 53-64.	2.0	9
84	Postmortem Cardiopulmonary Pathology in Patients with COVID-19 Infection: Single-Center Report of 12 Autopsies from Lausanne, Switzerland. <i>Diagnostics</i> , 2021, 11, 1357.	2.6	9
85	Anti-SARS-CoV-2 Titers Predict the Severity of COVID-19. <i>Viruses</i> , 2022, 14, 1089.	3.3	9
86	PIRATE project: point-of-care, informatics-based randomised controlled trial for decreasing overuse of antibiotic therapy in Gram-negative bacteraemia. <i>BMJ Open</i> , 2017, 7, e017996.	1.9	8
87	Clinical Significance of the CCR5delta32 Allele in Hepatitis C. <i>PLoS ONE</i> , 2014, 9, e106424.	2.5	7
88	Role of biâ€™weekly serum galactomannan screening for the diagnosis of invasive aspergillosis in haematological cancer patients. <i>Mycoses</i> , 2018, 61, 350-354.	4.0	7
89	Weighted Genetic Risk Scores and Prediction of Weight Gain in Solid Organ Transplant Populations. <i>PLoS ONE</i> , 2016, 11, e0164443.	2.5	7
90	<i>BRIP1</i> coding variants are associated with a high risk of hepatocellular carcinoma occurrence in patients with HCV- or HBV-related liver disease. <i>Oncotarget</i> , 2017, 8, 62842-62857.	1.8	7

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91	A New Step toward Individualized Antifungal Prevention in Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2009, 49, 733-735.	5.8	6
92	The Swiss Transplant Cohort Study: Lessons from the First 6 Years. <i>Current Infectious Disease Reports</i> , 2015, 17, 486.	3.0	6
93	Association of lectin pathway proteins with intra-abdominal <i>Candida</i> infection in high-risk surgical intensive-care unit patients. A prospective cohort study within the fungal infection network of Switzerland. <i>Journal of Infection</i> , 2016, 72, 377-385.	3.3	6
94	Interferon lambda 3/4 polymorphisms are associated with AIDS-related Kaposi's sarcoma. <i>Aids</i> , 2018, 32, 2759-2765.	2.2	6
95	Identification of an Endoglin Variant Associated With HCV-Related Liver Fibrosis Progression by Next-Generation Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 1024.	2.3	6
96	Intrahepatic <i>scp</i> mRNA levels of SOCS1 and SOCS3 are associated with cirrhosis but do not predict virological response to therapy in chronic hepatitis C. <i>Liver International</i> , 2013, 33, 94-103.	3.9	5
97	Human microRNA responses predict cytomegalovirus replication following solid organ transplantation. <i>Journal of Infectious Diseases</i> , 2016, 215, jiw596.	4.0	5
98	Catheter retention as a consequence rather than a cause of unfavorable outcome in candidemia. <i>Intensive Care Medicine</i> , 2017, 43, 935-939.	8.2	5
99	Genetic immune and inflammatory markers associated with diabetes in solid organ transplant recipients. <i>American Journal of Transplantation</i> , 2019, 19, 238-246.	4.7	5
100	Invasive <i>Hormographiella aspergillata</i> infection in patients with acute myeloid leukemia: Report of two cases successfully treated and review of the literature. <i>Medical Mycology Case Reports</i> , 2021, 32, 68-72.	1.3	5
101	The EHA Research Roadmap: Infections in Hematology. <i>HemaSphere</i> , 2021, 5, e662.	2.7	5
102	Impact of a Nurse Vaccination Program on Hepatitis B Immunity in a Swiss HIV Clinic. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011, 58, 472-474.	2.1	4
103	A significant effect of the killer cell immunoglobulin-like receptor ligand human leucocyte antigen on fibrosis progression in chronic C hepatitis with or without liver transplantation. <i>Liver International</i> , 2016, 36, 1331-1339.	3.9	4
104	Polymorphisms of SOCS-1 Are Associated With a Rapid HIV Progression Rate. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 84, 189-195.	2.1	4
105	High prevalence of peribronchial focal lesions of airway invasive aspergillosis in hematological cancer patients with prolonged neutropenia. <i>British Journal of Radiology</i> , 2020, 93, 20190693.	2.2	3
106	rs34567942 a Novel Susceptibility Single Nucleotide Polymorphism for Cutaneous Squamous Cell Carcinoma in Organ Transplant Recipients. <i>Acta Dermato-Venereologica</i> , 2019, 99, 1303-1304.	1.3	3
107	Frequency and causes of antifungal treatment changes in allogeneic haematopoietic cell transplant recipients with invasive mould infections. <i>Mycoses</i> , 2022, 65, 199-210.	4.0	2
108	75. <i>Cytokine</i> , 2014, 70, 45-46.	3.2	1

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109	Reply to Cunha et al. <i>Clinical Infectious Diseases</i> , 2015, 61, 1894-1895.	5.8	0
110	Genetic Determinants of Host Susceptibility to Fungal Diseases in Solid Organ Transplantation and Hematological Patients. , 2017, , 135-151.		0