

# Michel Moutschen

## List of Publications by Year in descending order

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104  
papers

4,445  
citations

159358

30  
h-index

118652

62  
g-index

109  
all docs

109  
docs citations

109  
times ranked

7188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deleterious Mutations in LRBA Are Associated with a Syndrome of Immune Deficiency and Autoimmunity. <i>American Journal of Human Genetics</i> , 2012, 90, 986-1001.	2.6	452
2	Recombinant gp350 Vaccine for Infectious Mononucleosis: A Phase 2, Randomized, Double-blind, Placebo-controlled Trial to Evaluate the Safety, Immunogenicity, and Efficacy of an Epstein-Barr Virus Vaccine in Healthy Young Adults. <i>Journal of Infectious Diseases</i> , 2007, 196, 1749-1753.	1.9	347
3	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	1.5	344
4	Canakinumab for the Treatment of Autoinflammatory Recurrent Fever Syndromes. <i>New England Journal of Medicine</i> , 2018, 378, 1908-1919.	13.9	327
5	An In-Depth Comparison of Latency-Reversing Agent Combinations in Various In Vitro and Ex Vivo HIV-1 Latency Models Identified Bryostatins and Ingenol-B to Potently Reactivate Viral Gene Expression. <i>PLoS Pathogens</i> , 2015, 11, e1005063.	2.1	229
6	Synergistic Activation of HIV-1 Expression by Deacetylase Inhibitors and Prostratin: Implications for Treatment of Latent Infection. <i>PLoS ONE</i> , 2009, 4, e6093.	1.1	222
7	Obesity phenotype is related to NLRP3 inflammasome activity and immunological profile of visceral adipose tissue. <i>Diabetologia</i> , 2013, 56, 2487-2497.	2.9	202
8	Vaccinations in patients with immune-mediated inflammatory diseases. <i>Rheumatology</i> , 2010, 49, 1815-1827.	0.9	176
9	Phase I/II studies to evaluate safety and immunogenicity of a recombinant gp350 Epstein-Barr virus vaccine in healthy adults. <i>Vaccine</i> , 2007, 25, 4697-4705.	1.7	140
10	Loss of the VHR dual-specific phosphatase causes cell-cycle arrest and senescence. <i>Nature Cell Biology</i> , 2006, 8, 524-531.	4.6	114
11	Correlation of T-helper secretory differentiation and types of antigen-presenting cells in squamous intraepithelial lesions of the uterine cervix. , 1998, 184, 283-290.		85
12	Increased Risk for Malignancies in 131 Affected CTLA4 Mutation Carriers. <i>Frontiers in Immunology</i> , 2018, 9, 2012.	2.2	79
13	Therapeutic options for CTLA-4 insufficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 736-746.	1.5	68
14	Efficacy of anti-IL-1 treatment in familial Mediterranean fever: a systematic review of the literature. <i>Biologics: Targets and Therapy</i> , 2016, 10, 75.	3.0	66
15	HIV-Associated Hematologic Disorders Are Correlated With Plasma Viral Load and Improve Under Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2001, 28, 221-225.	0.9	64
16	CRF19_cpx is an Evolutionary fit HIV-1 Variant Strongly Associated With Rapid Progression to AIDS in Cuba. <i>EBioMedicine</i> , 2015, 2, 244-254.	2.7	56
17	Modelled target attainment after meropenem infusion in patients with severe nosocomial pneumonia: the PROMESSE study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 207-216.	1.3	55
18	Cervix carcinoma is associated with an up-regulation and nuclear localization of the dual-specificity protein phosphatase VHR. <i>BMC Cancer</i> , 2008, 8, 147.	1.1	53

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19	Multidentate Small-Molecule Inhibitors of <i>Vaccinia</i> H1-Related (VHR) Phosphatase Decrease Proliferation of Cervix Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6716-6723.	2.9	53
20	Asthma and COPD Are Not Risk Factors for ICU Stay and Death in Case of SARS-CoV2 Infection. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 160-169.	2.0	52
21	Impact of Growth Hormone (GH) Deficiency and GH Replacement upon Thymus Function in Adult Patients. <i>PLoS ONE</i> , 2009, 4, e5668.	1.1	48
22	Mucosal junctions: open doors to HPV and HIV infections?. <i>Trends in Microbiology</i> , 2011, 19, 114-120.	3.5	46
23	Association between convalescent plasma treatment and mortality in COVID-19: a collaborative systematic review and meta-analysis of randomized clinical trials. <i>BMC Infectious Diseases</i> , 2021, 21, 1170.	1.3	46
24	Transmission of SARS-CoV-2 After COVID-19 Screening and Mitigation Measures for Primary School Children Attending School in Liège, Belgium. <i>JAMA Network Open</i> , 2021, 4, e2128757.	2.8	45
25	Dual-Specificity Phosphatase 3 Deficiency or Inhibition Limits Platelet Activation and Arterial Thrombosis. <i>Circulation</i> , 2015, 131, 656-668.	1.6	42
26	DUSP3/VHR is a pro-angiogenic atypical dual-specificity phosphatase. <i>Molecular Cancer</i> , 2014, 13, 108.	7.9	40
27	Prostaglandin E2 induces the expression of functional inhibitory CD94/NKG2A receptors in human CD8+ T lymphocytes by a cAMP-dependent protein kinase A type I pathway. <i>Biochemical Pharmacology</i> , 2005, 70, 714-724.	2.0	38
28	Improved four-color flow cytometry method using fluo-3 and triple immunofluorescence for analysis of intracellular calcium ion ([Ca <sup>2+</sup> ] <sub>i</sub> ) fluxes among mouse lymph node B- and T-lymphocyte subsets. , 1996, 23, 205-217.		36
29	HIV-1 V3 envelope deep sequencing for clinical plasma specimens failing in phenotypic tropism assays. <i>AIDS Research and Therapy</i> , 2010, 7, 4.	0.7	36
30	Long-term clinical follow-up of patients suffering from moderate-to-severe COVID-19 infection: a monocentric prospective observational cohort study. <i>International Journal of Infectious Diseases</i> , 2021, 109, 209-216.	1.5	36
31	Prevalence and Epidemiology of HIV Type 1 Drug Resistance among Newly Diagnosed Therapy-Naive Patients in Belgium from 2003 to 2006. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 355-362.	0.5	33
32	Factors associated with late presentation for HIV care in a single Belgian reference center: 2006–2017. <i>Scientific Reports</i> , 2018, 8, 8594.	1.6	32
33	Removal of C-Terminal Src Kinase from the Immune Synapse by a New Binding Protein. <i>Molecular and Cellular Biology</i> , 2005, 25, 2227-2241.	1.1	31
34	An Improved Protocol for Efficient Engraftment in NOD/LTSZ-SCIDIL-2R <sup>3</sup> NULL Mice Allows HIV Replication and Development of Anti-HIV Immune Responses. <i>PLoS ONE</i> , 2012, 7, e38491.	1.1	31
35	DUSP3 Genetic Deletion Confers M2-like Macrophage-Dependent Tolerance to Septic Shock. <i>Journal of Immunology</i> , 2015, 194, 4951-4962.	0.4	28
36	Cyclo-oxygenase type 2-dependent prostaglandin E2 secretion is involved in retrovirus-induced T-cell dysfunction in mice. <i>Biochemical Journal</i> , 2004, 384, 469-476.	1.7	27

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37	Current Levels of Drug Resistance Among Therapy-Naive HIV-Infected Patients Have Significant Impact on Treatment Response. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2004, 37, 1664-1666.	0.9	25
38	Impact of coronavirus pandemic and containment measures on HIV diagnosis. <i>Epidemiology and Infection</i> , 2020, 148, e185.	1.0	25
39	18F-FDG PET/CT in the Management of Aortitis. <i>Clinical Nuclear Medicine</i> , 2016, 41, 28-33.	0.7	24
40	Thymic self-antigens for the design of a negative/tolerogenic self-vaccination against type 1 diabetes. <i>Current Opinion in Pharmacology</i> , 2010, 10, 461-472.	1.7	23
41	HIV-1 protease inhibitors do not interfere with provirus transcription and host cell apoptosis induced by combined treatment TNF- $\alpha$ +TSA. <i>Biochemical Pharmacology</i> , 2007, 73, 1738-1748.	2.0	22
42	Comparison of phenotypic and genotypic tropism determination in triple-class-experienced HIV patients eligible for maraviroc treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 265-272.	1.3	22
43	Increased cAMP levels and protein kinase (PKA) type I activation in CD4+ T cells and B cells contribute to the retrovirus-induced immunodeficiency of mice (MAIDS). A useful in vivo model for drug testing in PKA type I-induced immunodeficiency. <i>FASEB Journal</i> , 2001, 15, 1466-1468.	0.2	20
44	Downregulation of CD94/NKG2A inhibitory receptors on CD8+T cells in HIV infection is more pronounced in subjects with detected viral load than in their aviraemic counterparts. <i>Retrovirology</i> , 2007, 4, 72.	0.9	19
45	Minocycline attenuates HIV-1 infection and suppresses chronic immune activation in humanized NOD/LtSz-scidIL-2R <sup>0</sup> mice. <i>Immunology</i> , 2014, 142, 562-572.	2.0	19
46	Mice with Disrupted Type I Protein Kinase A Anchoring in T Cells Resist Retrovirus-Induced Immunodeficiency. <i>Journal of Immunology</i> , 2011, 186, 5119-5130.	0.4	17
47	Factors associated with the continuum of care of HIV-infected patients in Belgium. <i>Journal of the International AIDS Society</i> , 2014, 17, 19534.	1.2	17
48	CD28-B7 Costimulatory Blockade by CTLA4lg Delays the Development of Retrovirus-Induced Murine AIDS. <i>Journal of Virology</i> , 1998, 72, 5285-5290.	1.5	17
49	Can predicting COVID-19 mortality in a European cohort using only demographic and comorbidity data surpass age-based prediction: An externally validated study. <i>PLoS ONE</i> , 2021, 16, e0249920.	1.1	16
50	Exploring the link between innate immune activation and thymic function by measuring sCD14 and TRECs in HIV patients living in Belgium. <i>PLoS ONE</i> , 2017, 12, e0185761.	1.1	16
51	Frailty but not sarcopenia nor malnutrition increases the risk of developing COVID-19 in older community-dwelling adults. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 223-234.	1.4	16
52	Systemic AA Amyloidosis Caused by Inflammatory Hepatocellular Adenoma. <i>New England Journal of Medicine</i> , 2018, 379, 1178-1180.	13.9	15
53	Evolution of Drug Interactions With Antiretroviral Medication in People With HIV. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa416.	0.4	15
54	Impact of switch from tenofovir disoproxil fumarate-based regimens to tenofovir alafenamide-based regimens on lipid profile, weight gain and cardiovascular risk score in people living with HIV. <i>BMC Infectious Diseases</i> , 2021, 21, 910.	1.3	15

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55	Antitumoral vaccination with granulocyte-macrophage colony-stimulating factor or interleukin-12-expressing DHD/K12 colon adenocarcinoma cells. <i>Cancer Gene Therapy</i> , 2000, 7, 676-682.	2.2	14
56	<i>Mortierella wolfii</i> Associated Invasive Disease. <i>Emerging Infectious Diseases</i> , 2014, 20, 1591-1592.	2.0	14
57	Dusp3 deletion in mice promotes experimental lung tumour metastasis in a macrophage dependent manner. <i>PLoS ONE</i> , 2017, 12, e0185786.	1.1	14
58	Growth Hormone (GH) Deficient Mice With GHRH Gene Ablation Are Severely Deficient in Vaccine and Immune Responses Against <i>Streptococcus pneumoniae</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2175.	2.2	13
59	The BEACH protein LRBA is required for hair bundle maintenance in cochlear hair cells and for hearing. <i>EMBO Reports</i> , 2017, 18, 2015-2029.	2.0	12
60	A multicenter randomized trial to assess the efficacy of CONvalescent plasma therapy in patients with Invasive COVID-19 and acute respiratory failure treated with mechanical ventilation: the CONFIDENT trial protocol. <i>BMC Pulmonary Medicine</i> , 2020, 20, 317.	0.8	12
61	Subset-specific analysis of calcium fluxes in murine AIDS. <i>International Immunology</i> , 1996, 8, 1715-1727.	1.8	11
62	Report of a Case of <i>Streptococcus agalactiae</i> Mycotic Aneurysm and Review of the Literature. <i>International Journal of Surgical Pathology</i> , 2008, 16, 314-319.	0.4	11
63	sCD14 is not a bona-fide biomarker of microbial translocation in HIV-1-infected Africans living in Belgium. <i>Aids</i> , 2016, 30, 921-924.	1.0	11
64	Detectability of HIV Residual Viremia despite Therapy Is Highly Associated with Treatment with a Protease Inhibitor-Based Combination Antiretroviral Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	11
65	Performance of the VERSANT <sup>®</sup> HIV-1 Resistance Assays (LiPA) for detecting drug resistance in therapy-naïve patients infected with different HIV-1 subtypes. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 39, 119-124.	2.7	10
66	Effectiveness of dolutegravir-based antiretroviral therapy in a real-world setting in a Belgian cohort of 4101 HIV patients. <i>Aids</i> , 2020, 34, 1151-1159.	1.0	10
67	CD32 <sup>+</sup> CD4 <sup>+</sup> memory T cells are enriched for total HIV-1 DNA in tissues from humanized mice. <i>IScience</i> , 2021, 24, 101881.	1.9	10
68	The RIAD peptidomimetic inhibits HIV-1 replication in humanized NSG mice. <i>European Journal of Clinical Investigation</i> , 2014, 44, 146-152.	1.7	9
69	Deficiency of Interleukin-1 Receptor-associated Kinase 4 Presenting as Fatal <i>Pseudomonas aeruginosa</i> Bacteremia in Two Siblings. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 299-300.	1.1	9
70	The effect of treatment simplification on HIV reservoirs. <i>Lancet HIV</i> , 2017, 4, e328-e329.	2.1	9
71	Lung and liver sarcoidosis-like reaction induced by tocilizumab. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4848-4852.	1.1	9
72	In-Depth Longitudinal Comparison of Clinical Specimens to Detect SARS-CoV-2. <i>Pathogens</i> , 2021, 10, 1362.	1.2	9

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73	Fibromyalgia and related conditions: Electromyogram profile during isometric muscle contraction. <i>Joint Bone Spine</i> , 2010, 77, 264-267.	0.8	8
74	IgG4-related membranous glomerulonephritis and generalized lymphadenopathy without pancreatitis: a case report. <i>BMC Nephrology</i> , 2017, 18, 139.	0.8	8
75	Increased extrafollicular expression of the B-cell stimulatory molecule CD70 in HIV-1-infected individuals. <i>Aids</i> , 2015, 29, 1757-1766.	1.0	7
76	IgG4-Related Disease Causing Rapid Evolution of a Severe Aortic Valvular Stenosis. <i>Annals of Thoracic Surgery</i> , 2017, 103, e239-e240.	0.7	6
77	Prevalence of non-infectious comorbidities in the HIV-positive population in Belgium: a multicenter, retrospective study. <i>Acta Clinica Belgica</i> , 2018, 73, 50-53.	0.5	6
78	Clinical characteristics and outcomes of COVID-19 in people living with HIV in Belgium: A multicenter, retrospective cohort. <i>Journal of Medical Virology</i> , 2021, 93, 2971-2978.	2.5	6
79	Use of Dried Blood Spot to Improve the Diagnosis and Management of HIV in Resource-Limited Settings. <i>World Journal of AIDS</i> , 2013, 03, 251-256.	0.1	6
80	University population-based prospective cohort study of SARS-CoV-2 infection and immunity (SARSSURV-ULiège): a study protocol. <i>BMJ Open</i> , 2022, 12, e055721.	0.8	6
81	Retention in care and predictors of attrition among HIV-infected patients who started antiretroviral therapy in Kinshasa, DRC, before and after the implementation of the "treat-all" strategy. <i>PLOS Global Public Health</i> , 2022, 2, e0000259.	0.5	6
82	Decreased Protein Levels of the c-Cbl Protooncogene in Murine AIDS. <i>Cellular Immunology</i> , 1998, 188, 151-157.	1.4	5
83	Autoimmune Angioneurotic Edema in a Patient with <i>Helicobacter pylori</i> Infection. <i>Helicobacter</i> , 2009, 14, 9-11.	1.6	5
84	Progressive phasing out of baseline CD4+ cell count testing for people living with HIV in Kinshasa, Democratic Republic of the Congo. <i>Aids</i> , 2021, 35, 841-843.	1.0	5
85	Decrease in late presentation for HIV care in Kinshasa, DRC, 2006-2020. <i>AIDS Research and Therapy</i> , 2021, 18, 41.	0.7	4
86	In Vivo Administration of a PKA Type I Inhibitor (Rp-8-Br-cAMPS) Restores T-Cell Responses in Retrovirus-Infected Mice. <i>The Open Immunology Journal</i> , 2008, 1, 20-24.	1.5	4
87	Gentamicin in Infective Endocarditis: How to Use It?. <i>Clinical Infectious Diseases</i> , 2009, 49, 320-321.	2.9	3
88	Selective defect of anti-pneumococcal IgG in a patient with persistent polyclonal B cell lymphocytosis. <i>European Journal of Internal Medicine</i> , 2009, 20, e62-e65.	1.0	3
89	Immunosuppression Withdrawal After Liver Transplantation for Common Variable Immunodeficiency. <i>Liver Transplantation</i> , 2021, 27, 456-458.	1.3	3
90	Dual-specificity phosphatase 3 deletion promotes obesity, non-alcoholic steatohepatitis and hepatocellular carcinoma. <i>Scientific Reports</i> , 2021, 11, 5817.	1.6	3

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91	Impact of the COVID-19 pandemic situation on HIV care in Liège, Belgium. <i>HIV Research and Clinical Practice</i> , 2021, 22, 63-70.	1.1	3
92	Clinical epidemiology and high genetic diversity amongst <i>Cryptococcus</i> spp. isolates infecting people living with HIV in Kinshasa, Democratic Republic of Congo. <i>PLoS ONE</i> , 2022, 17, e0267842.	1.1	3
93	A pauci-symptomatic case of documented Hantavirus (Puumala) infection in a patient under anti-TNF treatment. <i>Journal of Clinical Virology</i> , 2011, 50, 247-248.	1.6	2
94	Syphilis Treatment in the Human Immunodeficiency Virus-Infected Patient: Follow the Guidelines. <i>Clinical Infectious Diseases</i> , 2011, 53, 845-845.	2.9	2
95	HIV-Associated Hematologic Disorders Are Correlated With Plasma Viral Load and Improve Under Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2001, 28, 221-225.	0.9	2
96	Longitudinal analysis of sociodemographic, clinical and therapeutic factors of HIV-infected individuals in Kinshasa at antiretroviral therapy initiation during 2006-2017. <i>PLoS ONE</i> , 2021, 16, e0259073.	1.1	2
97	Modalities and preferred routes of geographic spread of cholera from endemic areas in eastern Democratic Republic of the Congo. <i>PLoS ONE</i> , 2022, 17, e0263160.	1.1	2
98	Evaluation of Screening Program and Phylogenetic Analysis of SARS-CoV-2 Infections among Hospital Healthcare Workers in Liège, Belgium. <i>Viruses</i> , 2022, 14, 1302.	1.5	2
99	Decline of antibiotic use in primary care. <i>Lancet Infectious Diseases</i> , The, 2008, 8, 272.	4.6	1
100	Long-term use of darunavir/ritonavir-containing regimens in daily practice in Belgium: retrospective observational cohort data of 1701 HIV-patients. <i>Acta Clinica Belgica</i> , 2018, 73, 1-7.	0.5	1
101	A Patient with HIV Infection, Cough, Asthenia, and Fever. <i>Clinical Infectious Diseases</i> , 2007, 45, 599-600.	2.9	0
102	Humanized mice as a useful model to study HIV-1 induced immune activation, its mechanisms and potential therapeutic approaches. <i>Retrovirology</i> , 2011, 8, .	0.9	0
103	Wild-type HIV infection despite PrEP: a lot to learn from a case report. <i>Lancet HIV</i> , the, 2018, 5, e10.	2.1	0
104	Long-term treatment with atazanavir (ATV) in real life in Belgium: a retrospective observational cohort of 2264 HIV patients. <i>Acta Clinica Belgica</i> , 2019, 74, 143-150.	0.5	0