

# Michele Boniotto

## List of Publications by Year in descending order

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69  
papers

2,067  
citations

185998

28  
h-index

243296

44  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic Defect in Keratinocyte Function Leads to Inflammation in Hidradenitis Suppurativa. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1768-1780.	0.3	129
2	Human interleukin-19 and its receptor: a potential role in the induction of Th2 responses. <i>International Immunopharmacology</i> , 2004, 4, 615-626.	1.7	126
3	Modulation of the human cytokine response by interferon lambda-1 (IFN- $\lambda$ 1/IL-29). <i>Genes and Immunity</i> , 2007, 8, 13-20.	2.2	125
4	A single-nucleotide polymorphism in the human beta-defensin 1 gene is associated with HIV-1 infection in Italian children. <i>Aids</i> , 2004, 18, 1598-1600.	1.0	123
5	Human $\beta$ -Defensin 2 Induces a Vigorous Cytokine Response in Peripheral Blood Mononuclear Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1433-1441.	1.4	89
6	X-chromosome inactivation analysis in a female carrier of FOXP3 mutation. <i>Clinical and Experimental Immunology</i> , 2002, 130, 127-130.	1.1	88
7	Human IL-19 regulates immunity through auto-induction of IL-19 and production of IL-10. <i>European Journal of Immunology</i> , 2005, 35, 1576-1582.	1.6	82
8	Phylogenetic relationships among the Lorisoidea as indicated by craniodental morphology and mitochondrial sequence data. <i>American Journal of Primatology</i> , 2007, 69, 6-15.	0.8	70
9	A study of host defence peptide $\beta$ -defensin 3 in primates. <i>Biochemical Journal</i> , 2003, 374, 707-714.	1.7	69
10	Polymorphisms in the MBL2 promoter correlated with risk of HIV-1 vertical transmission and AIDS progression. <i>Genes and Immunity</i> , 2000, 1, 346-348.	2.2	61
11	An Integrated Approach to Unravel Hidradenitis Suppurativa Etiopathogenesis. <i>Frontiers in Immunology</i> , 2019, 10, 892.	2.2	53
12	AGXT Gene Mutations and Their Influence on Clinical Heterogeneity of Type 1 Primary Hyperoxaluria. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2072-2079.	3.0	52
13	Induction of Regulatory T Cells by a Murine $\beta$ -Defensin. <i>Journal of Immunology</i> , 2012, 188, 735-743.	0.4	50
14	Primate $\beta$ -defensins - Structure, Function and Evolution. <i>Current Protein and Peptide Science</i> , 2005, 6, 7-21.	0.7	49
15	Effects of Positively Selected Sequence Variations in Human and <i>Macaca fascicularis</i> $\beta$ -Defensins 2 on Antimicrobial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 685-688.	1.4	44
16	Evidence of a correlation between mannose binding lectin and celiac disease: a model for other autoimmune diseases. <i>Journal of Molecular Medicine</i> , 2005, 83, 308-315.	1.7	42
17	Evolution of the beta defensin 2 gene in primates. <i>Genes and Immunity</i> , 2003, 4, 251-257.	2.2	41
18	ALS with variable phenotypes in a six-generation family caused by leu144phe mutation in the SOD1 gene. <i>Journal of the Neurological Sciences</i> , 2001, 191, 11-18.	0.3	40

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19	Interleukin-7 Influences FOXP3+CD4+ Regulatory T Cells Peripheral Homeostasis. PLoS ONE, 2012, 7, e36596.	1.1	39
20	Inhibition of $\beta$ -Defensin Gene Expression in Airway Epithelial Cells by Low Doses of Residual Oil Fly Ash is Mediated by Vanadium. Toxicological Sciences, 2006, 92, 115-125.	1.4	38
21	$\beta$ -Defensin $\beta$ 1 gene variability among non-human primates. Immunogenetics, 2002, 53, 907-913.	1.2	37
22	Polymorphism at codon 54 of mannose-binding protein gene influences AIDS progression but not HIV infection in exposed children. Aids, 1999, 13, 863.	1.0	35
23	Single-tube genotyping of MBL-2 polymorphisms using melting temperature analysis. Clinical and Experimental Medicine, 2002, 2, 105-108.	1.9	35
24	Hair follicle stem cell replication stress drives IFI16/STING-dependent inflammation in hidradenitis suppurativa. Journal of Clinical Investigation, 2020, 130, 3777-3790.	3.9	35
25	Prognostic Value of the Stromal Cell-Derived Factor 1 $\beta$ Mutation in Pediatric Human Immunodeficiency Virus Type 1 Infection. Journal of Infectious Diseases, 2002, 185, 696-700.	1.9	34
26	The Evolutionary Landscape of Cytosolic Microbial Sensors in Humans. American Journal of Human Genetics, 2012, 91, 27-37.	2.6	34
27	MBL2 polymorphisms are involved in HIV-1 infection in Brazilian perinatally infected children. Aids, 2003, 17, 779-780.	1.0	32
28	Post-transcriptional Inhibition of Luciferase Reporter Assays by the Nod-like Receptor Proteins NLRX1 and NLRC3. Journal of Biological Chemistry, 2012, 287, 28705-28716.	1.6	29
29	Novel Hairpin-Shaped Primer Assay To Study the Association of the $\beta$ 44 Single-Nucleotide Polymorphism of the DEFB1 Gene with Early-Onset Periodontal Disease. Vaccine Journal, 2004, 11, 766-769.	2.6	28
30	Functional characterization of naturally occurring genetic variants in the human TLR1-2-6 gene family. Human Mutation, 2011, 32, 643-652.	1.1	28
31	Altered keratinization and vitamin D metabolism may be key pathogenetic pathways in syndromic hidradenitis suppurativa: a novel whole exome sequencing approach. Journal of Dermatological Science, 2020, 99, 17-22.	1.0	28
32	IL-18 gene promoter polymorphism is involved in HIV-1 infection in a Brazilian pediatric population. Immunogenetics, 2006, 58, 471-473.	1.2	27
33	DEFB-1 genetic polymorphism screening in HIV-1 positive pregnant women and their children. Journal of Maternal-Fetal and Neonatal Medicine, 2006, 19, 13-16.	0.7	27
34	Human beta defensin 1 gene: Six new variants. Human Mutation, 2000, 15, 582-583.	1.1	26
35	Variant mannose-binding lectin alleles are associated with celiac disease. Immunogenetics, 2002, 54, 596-598.	1.2	21
36	Population variation in NAIP functional copy number confers increased cell death upon Legionella pneumophila infection. Human Immunology, 2012, 73, 196-200.	1.2	21

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37	Novel nicastrin mutation in hidradenitis suppurativaâ€“Dowlingâ€“Degos disease clinical phenotype: more than just clinical overlap?. <i>British Journal of Dermatology</i> , 2020, 183, 758-759.	1.4	18
38	Polymorphisms in the promoter region and at codon 54 of the MBL2 gene are not associated with IgA nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 759-764.	0.4	16
39	MBL2 polymorphisms screening in a regional Italian CF Center. <i>Journal of Cystic Fibrosis</i> , 2005, 4, 189-191.	0.3	16
40	Detection of MBL-2 gene expression in intestinal biopsies of celiac patients by in situ reverse transcription polymerase chain reaction. <i>European Journal of Histochemistry</i> , 2003, 47, 177.	0.6	15
41	Flexibility of Melting Temperature Assay for Rapid Detection of Insertions, Deletions, and Single-Point Mutations of the AGXT Gene Responsible for Type 1 Primary Hyperoxaluria. <i>Clinical Chemistry</i> , 2000, 46, 1842-1844.	1.5	13
42	A rapid and quantitative mass spectrometry method for determining the concentration of acylcarnitines and aminoacids in amniotic fluid. <i>Prenatal Diagnosis</i> , 2001, 21, 543-546.	1.1	11
43	Human Hematopoietic Reconstitution and HLA-Restricted Responses in Nonpermissive Alymphoid Mice. <i>Journal of Immunology</i> , 2014, 193, 1504-1511.	0.4	10
44	Characterization of a highly repeated DNA sequence family in five species of the genus <i>Eulemur</i> . <i>Gene</i> , 2001, 275, 305-310.	1.0	9
45	Promoter polymorphisms of the CD14 gene in Italian patients with coeliac disease. <i>Journal of Medical Genetics</i> , 2003, 40, 108e-108.	1.5	9
46	Evidence for Duplication of the Human Defensin Gene DEFB4 in Chromosomal Region 8p22â€“23 and Implications for the Analysis of SNP Allele Distribution. <i>Genetic Testing and Molecular Biomarkers</i> , 2004, 8, 325-327.	1.7	9
47	Detection of two functional polymorphisms in the promoter region of the IL-18 gene by single-tube allele specific PCR and melting temperature analysis. <i>Journal of Immunological Methods</i> , 2005, 304, 184-188.	0.6	8
48	Italian multicentric pilot study on MBL2 genetic polymorphisms in HIV positive pregnant women and their children. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2005, 17, 253-256.	0.7	6
49	Photobiomodulation therapy promotes in vitro wound healing in nicastrin KO HaCaT cells. <i>Journal of Biophotonics</i> , 2018, 11, e201800174.	1.1	6
50	Lactotransferrin gene functional polymorphisms do not influence susceptibility to human immunodeficiency virus-1 mother-to-child transmission in different ethnic groups. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 222-229.	0.8	5
51	Photobiomodulation as potential novel third line tool for non-invasive treatment of hidradenitis suppurativa. <i>Giornale Italiano Di Dermatologia E Venereologia</i> , 2020, 155, 88-98.	0.8	5
52	Holistic health record for Hidradenitis suppurativa patients. <i>Scientific Reports</i> , 2022, 12, 8415.	1.6	5
53	MFASAT: A new alphoid DNA sequence isolated from <i>Macaca fascicularis</i> (Cercopithecidae.) Tj ETQq1 1 0.784314 rgBT <sub>4</sub> /Overlock 0.9		
54	Photobiomodulation therapy is able to decrease IL1B gene expression in an in vitro cellular model of hidradenitis suppurativa. <i>Lasers in Medical Science</i> , 2020, 35, 1003-1005.	1.0	3

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55	Detection of AGXT gene mutations by denaturing high-performance liquid chromatography for diagnosis of hyperoxyluria type 1. <i>Clinical and Experimental Medicine</i> , 2001, 1, 99-104.	1.9	2
56	Quantitative in situ detection of high-risk human papillomavirus in cytological specimens by SYBR Green I fluorescent labeling. <i>Clinical and Experimental Medicine</i> , 2002, 2, 1-6.	1.9	2
57	Human Interleukin-19: Structure, Function and Disease Associations. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2006, 5, 233-242.	1.1	2
58	Absence of maternal microchimerism in very early onset inflammatory bowel disease R1. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2006, 21, 1082-1084.	1.4	2
59	Flexibility of melting temperature assay for rapid detection of insertions, deletions, and single-point mutations of the AGXT gene responsible for type 1 primary hyperoxaluria. <i>Clinical Chemistry</i> , 2000, 46, 1842-4.	1.5	2
60	Î²-Defensin 2 in the Rhesus Monkey ( <i>Macaca mulatta</i> ) and the Long-Tailed Macaque ( <i>M. fascicularis</i> ). <i>Vaccine Journal</i> , 2002, 9, 503-504.	3.2	1
61	Comorbid acne inversa and Dowlingâ€“Degos disease due to a single NCSTN mutation: is there enough evidence? Reply from the authors. <i>British Journal of Dermatology</i> , 2021, 184, 375-376.	1.4	1
62	A new polymorphism, g119A>G, in the integrin alpha 7 (ITGA7) gene. <i>Human Mutation</i> , 2000, 16, 180-180.	1.1	0
63	Direct in situ PCR allows rapid and sensitive detection of high risk human papillomavirus in cytologic specimens and formalin-fixed paraffin tissues by fluorescent labelling.. <i>International Journal of Oncology</i> , 2001, 18, 181.	1.4	0
64	Localization of a new highly repeated DNA sequence of Lemur catta (Lemuridae, Strepsirhini). <i>Genome</i> , 2002, 45, 973-976.	0.9	0
65	Localization of b-defensin genes in non human primates. <i>European Journal of Histochemistry</i> , 2004, 48, 195.	0.6	0
66	Comparative localization of the mannose-binding lectin-2 (MBL2) gene in non-human primates. <i>Cytogenetic and Genome Research</i> , 2005, 111, 186A-186A.	0.6	0
67	Fluorescent in situ PCR allows sensitive three hours detection of human papilloma virus in cells and tissues. <i>European Journal of Histochemistry</i> , 1999, 43, 155-7.	0.6	0
68	Direct in situ PCR allows rapid and sensitive detection of high risk human papillomavirus in cytologic specimens and formalin-fixed paraffin tissues by fluorescent labelling. <i>International Journal of Oncology</i> , 2001, 18, 181-5.	1.4	0
69	Localization and expression of two human b-defensins (HBD-1 and HBD-2) in intestinal biopsies of celiac patients. <i>European Journal of Histochemistry</i> , 2003, 47, 389-92.	0.6	0