

# Mariaclelia Stefania Di Serio

## List of Publications by Year in descending order

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73  
papers

7,778  
citations

147801  
31  
h-index

85541  
71  
g-index

77  
all docs

77  
docs citations

77  
times ranked

10237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy. <i>Science</i> , 2013, 341, 1233158.	12.6	998
2	Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. <i>Science</i> , 2013, 341, 1233151.	12.6	900
3	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. <i>Nature Medicine</i> , 2013, 19, 739-746.	30.7	700
4	Hematopoietic stem cell gene transfer in a tumor-prone mouse model uncovers low genotoxicity of lentiviral vector integration. <i>Nature Biotechnology</i> , 2006, 24, 687-696.	17.5	648
5	The genotoxic potential of retroviral vectors is strongly modulated by vector design and integration site selection in a mouse model of HSC gene therapy. <i>Journal of Clinical Investigation</i> , 2009, 119, 964-975.	8.2	488
6	Lentiviral haemopoietic stem-cell gene therapy in early-onset metachromatic leukodystrophy: an ad-hoc analysis of a non-randomised, open-label, phase 1/2 trial. <i>Lancet</i> , The, 2016, 388, 476-487.	13.7	393
7	A distinguishing gene signature shared by tumor-infiltrating Tie2-expressing monocytes, blood-resident monocytes, and embryonic macrophages suggests common functions and developmental relationships. <i>Blood</i> , 2009, 114, 901-914.	1.4	306
8	<i>Pseudomonas aeruginosa</i> Microevolution during Cystic Fibrosis Lung Infection Establishes Clones with Adapted Virulence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 138-145.	5.6	247
9	Multilineage hematopoietic reconstitution without clonal selection in ADA-SCID patients treated with stem cell gene therapy. <i>Journal of Clinical Investigation</i> , 2007, 117, 2233-2240.	8.2	231
10	TIE2-expressing macrophages limit the therapeutic efficacy of the vascular-disrupting agent combretastatin A4 phosphate in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1969-1973.	8.2	204
11	In Vivo Tracking of Human Hematopoiesis Reveals Patterns of Clonal Dynamics during Early and Steady-State Reconstitution Phases. <i>Cell Stem Cell</i> , 2016, 19, 107-119.	11.1	187
12	Brain conditioning is instrumental for successful microglia reconstitution following hematopoietic stem cell transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15018-15023.	7.1	168
13	The Benefit of Synthetic Versus Biological Patch Augmentation in the Repair of Posterosuperior Massive Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , 2014, 42, 1169-1175.	4.2	166
14	Laparoscopic Versus Open Colorectal Surgery. <i>Annals of Surgery</i> , 2005, 242, 890-896.	4.2	164
15	High-definition mapping of retroviral integration sites identifies active regulatory elements in human multipotent hematopoietic progenitors. <i>Blood</i> , 2010, 116, 5507-5517.	1.4	150
16	Uncovering and Dissecting the Genotoxicity of Self-inactivating Lentiviral Vectors In Vivo. <i>Molecular Therapy</i> , 2014, 22, 774-785.	8.2	142
17	Adaptation of <i>Pseudomonas aeruginosa</i> in Cystic Fibrosis Airways Influences Virulence of <i>Staphylococcus aureus</i> In Vitro and Murine Models of Co-Infection. <i>PLoS ONE</i> , 2014, 9, e89614.	2.5	138
18	First evaluation of QuantiFERON-TB Gold Plus performance in contact screening. <i>European Respiratory Journal</i> , 2016, 48, 1411-1419.	6.7	119

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19	Chromatin organization at the nuclear pore favours HIV replication. <i>Nature Communications</i> , 2015, 6, 6483.	12.8	115
20	Cardiac CT With Delayed Enhancement in the Characterization of Ventricular Tachycardia Structural Substrate. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 822-832.	5.3	111
21	Lentiviral haematopoietic stem-cell gene therapy for early-onset metachromatic leukodystrophy: long-term results from a non-randomised, open-label, phase 1/2 trial and expanded access. <i>Lancet</i> , The, 2022, 399, 372-383.	13.7	109
22	Integration profile of retroviral vector in gene therapy treated patients is cell-specific according to gene expression and chromatin conformation of target cell. <i>EMBO Molecular Medicine</i> , 2011, 3, 89-101.	6.9	95
23	First independent evaluation of QuantiFERON-TB Plus performance. <i>European Respiratory Journal</i> , 2016, 47, 1587-1590.	6.7	87
24	Hyperfunctional coagulation factor IX improves the efficacy of gene therapy in hemophilic mice. <i>Blood</i> , 2012, 120, 4517-4520.	1.4	84
25	Ex vivo gene therapy with lentiviral vectors rescues adenosine deaminase (ADA) deficient mice and corrects their immune and metabolic defects. <i>Blood</i> , 2006, 108, 2979-2988.	1.4	76
26	Genome-Wide Discovery of Small RNAs in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2012, 7, e51950.	2.5	70
27	Integration of retroviral vectors induces minor changes in the transcriptional activity of T cells from ADA-SCID patients treated with gene therapy. <i>Blood</i> , 2009, 114, 3546-3556.	1.4	65
28	Human herpesvirus 6A accelerates AIDS progression in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5067-5072.	7.1	58
29	Role of the adducin family genes in human essential hypertension. <i>Journal of Hypertension</i> , 2005, 23, 543-549.	0.5	47
30	AAV6-mediated Systemic shRNA Delivery Reverses Disease in a Mouse Model of Facioscapulohumeral Muscular Dystrophy. <i>Molecular Therapy</i> , 2011, 19, 2055-2064.	8.2	43
31	A Genome-Wide Identification Analysis of Small Regulatory RNAs in <i>Mycobacterium tuberculosis</i> by RNA-Seq and Conservation Analysis. <i>PLoS ONE</i> , 2012, 7, e32723.	2.5	43
32	CXCL10 levels at hospital admission predict COVID-19 outcome: hierarchical assessment of 53 putative inflammatory biomarkers in an observational study. <i>Molecular Medicine</i> , 2021, 27, 129.	4.4	41
33	A data-driven approach to identify risk profiles and protective drugs in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
34	National validation and proposed revision of REM sleep behavior disorder screening questionnaire (RBDSQ). <i>Journal of Neurology</i> , 2016, 263, 2470-2475.	3.6	30
35	Metachromatic leukodystrophy: A single-center longitudinal study of 45 patients. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 1151-1164.	3.6	27
36	Profiling Antibody Response Patterns in COVID-19: Spike S1-Reactive IgA Signature in the Evolution of SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 772239.	4.8	18

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37	Estimated Comparative Integration Hotspots Identify Different Behaviors of Retroviral Gene Transfer Vectors. <i>PLoS Computational Biology</i> , 2011, 7, e1002292.	3.2	17
38	Epidemic MRSA clone ST22-IV is more resistant to multiple host- and environment-related stresses compared with ST228-I. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 757-765.	3.0	17
39	Hematopoietic Tumors in a Mouse Model of X-linked Chronic Granulomatous Disease after Lentiviral Vector-Mediated Gene Therapy. <i>Molecular Therapy</i> , 2021, 29, 86-102.	8.2	17
40	Outcomes after distal pancreatectomy for neuroendocrine neoplasms: a retrospective comparison between minimally invasive and open approach using propensity score weighting. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 165-173.	2.4	15
41	Retroviral Integration Process in the Human Genome: Is It Really Non-Random? A New Statistical Approach. <i>PLoS Computational Biology</i> , 2008, 4, e1000144.	3.2	14
42	Lentiviral Vector Gene Therapy Protects XCGD Mice From Acute Staphylococcus aureus Pneumonia and Inflammatory Response. <i>Molecular Therapy</i> , 2016, 24, 1873-1880.	8.2	14
43	Structural MRI outcomes and predictors of disease progression in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102315.	2.7	14
44	Prostate cancer with low burden skeletal disease at diagnosis: outcome of concomitant radiotherapy on primary tumor and metastases. <i>British Journal of Radiology</i> , 2020, 93, 20190353.	2.2	14
45	Preoperative predictive factors of laparoscopic distal pancreatectomy difficulty. <i>Hpb</i> , 2020, 22, 1766-1774.	0.3	13
46	Joint modeling of HIV data in multicenter observational studies: A comparison among different approaches. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2472-2487.	1.5	12
47	Quantitative assessment of lung involvement on chest CT at admission: Impact on hypoxia and outcome in COVID-19 patients. <i>Clinical Imaging</i> , 2021, 77, 194-201.	1.5	12
48	Identification of gradually changing emotional expressions in schoolchildren: The influence of the type of stimuli and of specific symptoms of anxiety. <i>Cognition and Emotion</i> , 2010, 24, 1070-1079.	2.0	11
49	Evaluation of Mother-Child Agreement and Factorial Structures of the SCARED Questionnaire in an Italian Clinical Sample. <i>Frontiers in Psychology</i> , 2017, 8, 242.	2.1	11
50	Immune response to hepatitis B vaccination in HIV-positive individuals with isolated antibodies against hepatitis B core antigen: Results of a prospective Italian study. <i>PLoS ONE</i> , 2017, 12, e0184128.	2.5	11
51	Facioscapulohumeral muscular dystrophy region gene 1 over-expression causes primary defects of myogenic stem cells. <i>Journal of Cell Science</i> , 2013, 126, 2236-45.	2.0	10
52	A New Clinicobiological Scoring System for the Prediction of Infection-Related Mortality and Survival after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 2151-2158.	2.0	9
53	A Nonparametric Procedure for Defining a New Humoral Immunologic Profile in a Pilot Study on HIV Infected Patients. <i>PLoS ONE</i> , 2013, 8, e58768.	2.5	9
54	Dynamic of Mixed HCV Infection in Plasma and PBMC of HIV/HCV Patients Under Treatment With Peg-IFN/Ribavirin. <i>Medicine (United States)</i> , 2015, 94, e1876.	1.0	8

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55	Simpson's Paradox in Survival Models. <i>Scandinavian Journal of Statistics</i> , 2009, 36, 463-480.	1.4	7
56	Tumor Dormancy and Frailty Models: A Novel Approach. <i>Biometrics</i> , 2017, 73, 260-270.	1.4	5
57	Investigating Determinants of Multiple Sclerosis in Longitudinal Studies: A Bayesian Approach. <i>Journal of Probability and Statistics</i> , 2009, 2009, 1-24.	0.7	4
58	A single-center retrospective study on 3,957 consecutive excisions of basal cell carcinomas. BCC behavior patterns: retrospective statistical analysis. <i>European Journal of Plastic Surgery</i> , 2012, 35, 293-298.	0.6	4
59	Altered Frequency and Phenotype of HLA-G-Expressing DC-10 in Type 1 Diabetes Patients at Onset and in Subjects at Risk to Develop the Disease. <i>Frontiers in Immunology</i> , 2021, 12, 750162.	4.8	4
60	Toxicity of Hypofractionated Whole Breast Radiotherapy Without Boost and Timescale of Late Skin Responses in a Large Cohort of Early-Stage Breast Cancer Patients. <i>Clinical Breast Cancer</i> , 2022, 22, e480-e487.	2.4	4
61	Modeling physiological responses induced by an emotion recognition task using latent class mixed models. <i>PLoS ONE</i> , 2018, 13, e0207123.	2.5	3
62	Effect of the number of removed lymph nodes on prostate cancer recurrence and survival: evidence from an observational study. <i>BMC Bioinformatics</i> , 2018, 19, 200.	2.6	3
63	A novel scan statistics approach for clustering identification and comparison in binary genomic data. <i>BMC Bioinformatics</i> , 2016, 17, 320.	2.6	2
64	Evaluating treatment effect within a multivariate stochastic ordering framework: Nonparametric combination methodology applied to a study on multiple sclerosis. <i>Statistical Methods in Medical Research</i> , 2016, 25, 366-384.	1.5	2
65	Neurocognitive assessment in obsessive compulsive disorder patients: Adherence to behavioral decision models. <i>PLoS ONE</i> , 2019, 14, e0211856.	2.5	2
66	Saliva molecular testing for SARS-CoV-2: simplifying the diagnosis without losing accuracy. <i>European Respiratory Journal</i> , 2021, 58, 2102099.	6.7	2
67	Modeling Cancer Cells Growth. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 3043-3059.	1.0	1
68	Bayesian networks for cell differentiation process assessment. <i>Stat</i> , 2020, 9, e287.	0.4	1
69	Dynamic Gaussian Graphical Models for Modelling Genomic Networks. <i>Lecture Notes in Computer Science</i> , 2014, , 3-12.	1.3	1
70	Infection-Related Mortality (IRM) after Allogeneic Hematopoietic Stem Cell Transplantation: Age, CMV Status, Pre-Transplant IgA and IgM Levels Predict IRM and Survival in a New Clinico-Biological Scoring System Developed in 492 Consecutive Patients. <i>Blood</i> , 2016, 128, 2220-2220.	1.4	1
71	Exploring and integrating discrete and dimensional approaches while inducing negative emotional states. <i>Journal of General Psychology</i> , 2018, 145, 238-265.	2.8	0
72	Biostatistics Meets Bioinformatics in Integrating Information from Highdimensional Heterogeneous Genomic Data: Two Examples from Rare Genetic Diseases and Infectious Diseases. <i>Lecture Notes in Computer Science</i> , 2012, , 10-20.	1.3	0

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73	Reply to Gremese etÂal.: Statistical reasoning to evaluate treatment effects when data are collected with lack of design: Covid-19 experience. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2103168119.	7.1	0