

# 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	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
2	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, The</i> , 2022, 399, 372-383.	13.7	109
3	Reply to Gremese etÂal.: Statistical reasoning to evaluate treatment effects when data are collected with lack of design: Covid-19 experience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2103168119.	7.1	0
4	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
5	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
6	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
7	Metachromatic leukodystrophy: A singleâ€center longitudinal study of 45 patients. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 1151-1164.	3.6	27
8	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
9	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
10	Saliva molecular testing for SARS-CoV-2: simplifying the diagnosis without losing accuracy. <i>European Respiratory Journal</i> , 2021, 58, 2102099.	6.7	2
11	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
12	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
13	Preoperative predictive factors of laparoscopic distal pancreatectomy difficulty. <i>Hpb</i> , 2020, 22, 1766-1774.	0.3	13
14	Structural MRI outcomes and predictors of disease progression in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102315.	2.7	14
15	Bayesian networks for cell differentiation process assessment. <i>Stat</i> , 2020, 9, e287.	0.4	1
16	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
17	Neurocognitive assessment in obsessive compulsive disorder patients: Adherence to behavioral decision models. <i>PLoS ONE</i> , 2019, 14, e0211856.	2.5	2
18	Modeling physiological responses induced by an emotion recognition task using latent class mixed models. <i>PLoS ONE</i> , 2018, 13, e0207123.	2.5	3

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19	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
20	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
21	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
22	Tumor Dormancy and Frailty Models: A Novel Approach. <i>Biometrics</i> , 2017, 73, 260-270.	1.4	5
23	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
24	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
25	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
26	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
27	Lentiviral Vector Gene Therapy Protects XCGD Mice From Acute <i>Staphylococcus aureus</i> Pneumonia and Inflammatory Response. <i>Molecular Therapy</i> , 2016, 24, 1873-1880.	8.2	14
28	First evaluation of QuantiFERON-TB Gold Plus performance in contact screening. <i>European Respiratory Journal</i> , 2016, 48, 1411-1419.	6.7	119
29	A novel scan statistics approach for clustering identification and comparison in binary genomic data. <i>BMC Bioinformatics</i> , 2016, 17, 320.	2.6	2
30	InÂVivo 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
31	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, The</i> , 2016, 388, 476-487.	13.7	393
32	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
33	First independent evaluation of QuantiFERON-TB Plus performance. <i>European Respiratory Journal</i> , 2016, 47, 1587-1590.	6.7	87
34	Cardiac CT With Delayed Enhancement inÂthe Characterization of Ventricular Tachycardia Structural Substrate. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 822-832.	5.3	111
35	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
36	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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37	Chromatin organization at the nuclear pore favours HIV replication. Nature Communications, 2015, 6, 6483.	12.8	115
38	Epidemic MRSA clone ST22-IV is more resistant to multiple host- and environment-related stresses compared with ST228-I. Journal of Antimicrobial Chemotherapy, 2015, 70, 757-765.	3.0	17
39	Adaptation of Pseudomonas aeruginosa in Cystic Fibrosis Airways Influences Virulence of Staphylococcus aureus In Vitro and Murine Models of Co-Infection. PLoS ONE, 2014, 9, e89614.	2.5	138
40	The Benefit of Synthetic Versus Biological Patch Augmentation in the Repair of Posterosuperior Massive Rotator Cuff Tears. American Journal of Sports Medicine, 2014, 42, 1169-1175.	4.2	166
41	Uncovering and Dissecting the Genotoxicity of Self-inactivating Lentiviral Vectors In Vivo. Molecular Therapy, 2014, 22, 774-785.	8.2	142
42	Dynamic Gaussian Graphical Models for Modelling Genomic Networks. Lecture Notes in Computer Science, 2014, , 3-12.	1.3	1
43	Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy. Science, 2013, 341, 1233158.	12.6	998
44	Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. Science, 2013, 341, 1233151.	12.6	900
45	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. Nature Medicine, 2013, 19, 739-746.	30.7	700
46	Facioscapulohumeral muscular dystrophy region gene 1 over-expression causes primary defects of myogenic stem cells. Journal of Cell Science, 2013, 126, 2236-45.	2.0	10
47	A Nonparametric Procedure for Defining a New Humoral Immunologic Profile in a Pilot Study on HIV Infected Patients. PLoS ONE, 2013, 8, e58768.	2.5	9
48	Brain conditioning is instrumental for successful microglia reconstitution following hematopoietic stem cell transplantation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15018-15023.	7.1	168
49	Modeling Cancer Cells Growth. Communications in Statistics - Theory and Methods, 2012, 41, 3043-3059.	1.0	1
50	Hyperfunctional coagulation factor IX improves the efficacy of gene therapy in hemophilic mice. Blood, 2012, 120, 4517-4520.	1.4	84
51	A Genome-Wide Identification Analysis of Small Regulatory RNAs in Mycobacterium tuberculosis by RNA-Seq and Conservation Analysis. PLoS ONE, 2012, 7, e32723.	2.5	43
52	Genome-Wide Discovery of Small RNAs in Mycobacterium tuberculosis. PLoS ONE, 2012, 7, e51950.	2.5	70
53	A single-center retrospective study on 3,957 consecutive excisions of basal cell carcinomas. BCC behavior patterns: retrospective statistical analysis. European Journal of Plastic Surgery, 2012, 35, 293-298.	0.6	4
54	Biostatistics Meets Bioinformatics in Integrating Information from Highdimensional Heterogeneous Genomic Data: Two Examples from Rare Genetic Diseases and Infectious Diseases. Lecture Notes in Computer Science, 2012, , 10-20.	1.3	0

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55	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
56	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
57	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
58	Estimated Comparative Integration Hotspots Identify Different Behaviors of Retroviral Gene Transfer Vectors. <i>PLoS Computational Biology</i> , 2011, 7, e1002292.	3.2	17
59	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
60	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
61	<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
62	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
63	Simpson's Paradox in Survival Models. <i>Scandinavian Journal of Statistics</i> , 2009, 36, 463-480.	1.4	7
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	Role of the adducin family genes in human essential hypertension. <i>Journal of Hypertension</i> , 2005, 23, 543-549.	0.5	47

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73	Laparoscopic Versus Open Colorectal Surgery. Annals of Surgery, 2005, 242, 890-896.	4.2	164