

Mariaclelia Stefania Di Serio

List of Publications by Year in descending order

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73
papers

7,778
citations

168829

31
h-index

97045

71
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all docs

77
docs citations

77
times ranked

11119
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.	1.1	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</i> , The, 2022, 399, 372-383.	6.3	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.	3.3	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.	1.3	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.	3.7	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, .	3.3	32
7	Metachromatic leukodystrophy: A singleâ€center longitudinal study of 45 patients. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 1151-1164.	1.7	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.	0.8	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.	2.2	4
10	Saliva molecular testing for SARS-CoV-2: simplifying the diagnosis without losing accuracy. <i>European Respiratory Journal</i> , 2021, 58, 2102099.	3.1	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.	1.9	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.	2.2	18
13	Preoperative predictive factors of laparoscopic distal pancreatectomy difficulty. <i>Hpb</i> , 2020, 22, 1766-1774.	0.1	13
14	Structural MRI outcomes and predictors of disease progression in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102315.	1.4	14
15	Bayesian networks for cell differentiation process assessment. <i>Stat</i> , 2020, 9, e287.	0.3	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.	1.0	14
17	Neurocognitive assessment in obsessive compulsive disorder patients: Adherence to behavioral decision models. <i>PLoS ONE</i> , 2019, 14, e0211856.	1.1	2
18	Modeling physiological responses induced by an emotion recognition task using latent class mixed models. <i>PLoS ONE</i> , 2018, 13, e0207123.	1.1	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.	1.6	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.	1.2	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.	0.8	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.	1.1	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.	1.1	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.	0.7	12
26	National validation and proposed revision of REM sleep behavior disorder screening questionnaire (RBDSQ). <i>Journal of Neurology</i> , 2016, 263, 2470-2475.	1.8	30
27	Lentiviral Vector Gene Therapy Protects XCGD Mice From Acute Staphylococcus aureus Pneumonia and Inflammatory Response. <i>Molecular Therapy</i> , 2016, 24, 1873-1880.	3.7	14
28	First evaluation of QuantiFERON-TB Gold Plus performance in contact screening. <i>European Respiratory Journal</i> , 2016, 48, 1411-1419.	3.1	119
29	A novel scan statistics approach for clustering identification and comparison in binary genomic data. <i>BMC Bioinformatics</i> , 2016, 17, 320.	1.2	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.	5.2	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.	6.3	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.	0.7	2
33	First independent evaluation of QuantiFERON-TB Plus performance. <i>European Respiratory Journal</i> , 2016, 47, 1587-1590.	3.1	87
34	Cardiac CT With Delayed Enhancement inÂthe Characterization of Ventricular Tachycardia Structural Substrate. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 822-832.	2.3	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.	0.6	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.	0.4	8

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37	Chromatin organization at the nuclear pore favours HIV replication. <i>Nature Communications</i> , 2015, 6, 6483.	5.8	115
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.	1.3	17
39	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.	1.1	138
40	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.	1.9	166
41	Uncovering and Dissecting the Genotoxicity of Self-inactivating Lentiviral Vectors In Vivo. <i>Molecular Therapy</i> , 2014, 22, 774-785.	3.7	142
42	Dynamic Gaussian Graphical Models for Modelling Genomic Networks. <i>Lecture Notes in Computer Science</i> , 2014, , 3-12.	1.0	1
43	Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy. <i>Science</i> , 2013, 341, 1233158.	6.0	998
44	Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. <i>Science</i> , 2013, 341, 1233151.	6.0	900
45	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. <i>Nature Medicine</i> , 2013, 19, 739-746.	15.2	700
46	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.	1.2	10
47	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.	1.1	9
48	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.	3.3	168
49	Modeling Cancer Cells Growth. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 3043-3059.	0.6	1
50	Hyperfunctional coagulation factor IX improves the efficacy of gene therapy in hemophilic mice. <i>Blood</i> , 2012, 120, 4517-4520.	0.6	84
51	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.	1.1	43
52	Genome-Wide Discovery of Small RNAs in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2012, 7, e51950.	1.1	70
53	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.	0.3	4
54	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.	1.0	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.	3.9	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.	3.3	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.	3.7	43
58	Estimated Comparative Integration Hotspots Identify Different Behaviors of Retroviral Gene Transfer Vectors. <i>PLoS Computational Biology</i> , 2011, 7, e1002292.	1.5	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.	0.6	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.	1.2	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.	2.5	247
62	Investigating Determinants of Multiple Sclerosis in Longitudinal Studies: A Bayesian Approach. <i>Journal of Probability and Statistics</i> , 2009, 2009, 1-24.	0.3	4
63	Simpson's Paradox in Survival Models. <i>Scandinavian Journal of Statistics</i> , 2009, 36, 463-480.	0.9	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.	0.6	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.	0.6	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.	3.9	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.	1.5	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.	3.3	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.	3.9	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.	0.6	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.	9.4	648
72	Role of the adducin family genes in human essential hypertension. <i>Journal of Hypertension</i> , 2005, 23, 543-549.	0.3	47

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73	Laparoscopic Versus Open Colorectal Surgery. <i>Annals of Surgery</i> , 2005, 242, 890-896.	2.1	164