

Alberto Malovini

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,652
citations

159358

30
h-index

149479

56
g-index

112
all docs

112
docs citations

112
times ranked

8115
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide mega-analysis identifies 16 loci and highlights diverse biological mechanisms in the common epilepsies. <i>Nature Communications</i> , 2018, 9, 5269.	5.8	331
2	Association of the <i>FOXO3A</i> Locus with Extreme Longevity in a Southern Italian Centenarian Study. <i>Rejuvenation Research</i> , 2009, 12, 95-104.	0.9	282
3	Genetic determinants of common epilepsies: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2014, 13, 893-903.	4.9	264
4	Clinical Effects of Driver Somatic Mutations on the Outcomes of Patients With Myelodysplastic Syndromes Treated With Allogeneic Hematopoietic Stem-Cell Transplantation. <i>Journal of Clinical Oncology</i> , 2016, 34, 3627-3637.	0.8	204
5	Polymorphisms in the NOS1AP Gene Modulate QT Interval Duration and Risk of Arrhythmias in the Long QT Syndrome. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2745-2752.	1.2	163
6	Interplay Between Genetic Substrate, QTc Duration, and Arrhythmia Risk in Patients With Long QT Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1663-1671.	1.2	137
7	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. <i>Npj Digital Medicine</i> , 2020, 3, 109.	5.7	128
8	The Genetic Landscape of Renal Complications in Type 1 Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 557-574.	3.0	101
9	Four Genome-Wide Association Studies Identify New Extreme Longevity Variants. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1453-1464.	1.7	91
10	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. <i>Circulation</i> , 2015, 131, 1495-1505.	1.6	89
11	RNA Editing Genes Associated with Extreme Old Age in Humans and with Lifespan in <i>C. elegans</i> . <i>PLoS ONE</i> , 2009, 4, e8210.	1.1	81
12	Incidence and relevance of QTc-interval prolongation caused by tyrosine kinase inhibitors. <i>British Journal of Cancer</i> , 2015, 112, 1011-1016.	2.9	78
13	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. <i>Circulation Research</i> , 2015, 117, 333-345.	2.0	78
14	Meta-analysis of genetic variants associated with human exceptional longevity. <i>Aging</i> , 2013, 5, 653-661.	1.4	75
15	Association Study on Long-Living Individuals from Southern Italy Identifies rs10491334 in the <i>CAMKIV</i> Gene That Regulates Survival Proteins. <i>Rejuvenation Research</i> , 2011, 14, 283-291.	0.9	72
16	Lack of replication of genetic associations with human longevity. <i>Biogerontology</i> , 2008, 9, 85-92.	2.0	69
17	Health informatics and EHR to support clinical research in the COVID-19 pandemic: an overview. <i>Briefings in Bioinformatics</i> , 2021, 22, 812-822.	3.2	67
18	Expression of estrogen and androgen receptors in differentiated thyroid cancer: an additional criterion to assess the patient's risk. <i>Endocrine-Related Cancer</i> , 2012, 19, 463-471.	1.6	61

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19	Integrating machine learning techniques and physiology based heart rate features for antepartum fetal monitoring. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 185, 105015.	2.6	50
20	Association of rs2200733 at 4q25 with atrial flutter/fibrillation diseases in an Italian population. <i>Heart</i> , 2008, 94, 1394-1396.	1.2	49
21	The configuration of bi-level ventilator circuits may affect compensation for non-intentional leaks during volume-targeted ventilation. <i>Intensive Care Medicine</i> , 2013, 39, 59-65.	3.9	49
22	Patient-ventilator asynchronies: may the respiratory mechanics play a role?. <i>Critical Care</i> , 2013, 17, R54.	2.5	48
23	A Dynamic Bayesian Network model for long-term simulation of clinical complications in type 1 diabetes. <i>Journal of Biomedical Informatics</i> , 2015, 57, 369-376.	2.5	46
24	Long-term <i>in vivo</i> assessment of bioengineered skin substitutes: a clinical study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 460-468.	1.3	43
25	Transcriptional Profiles of Mating-Responsive Genes from Testes and Male Accessory Glands of the Mediterranean Fruit Fly, <i>Ceratitis capitata</i> . <i>PLoS ONE</i> , 2012, 7, e46812.	1.1	40
26	Different molecular mechanisms causing 9p21 deletions in acute lymphoblastic leukemia of childhood. <i>Human Genetics</i> , 2009, 126, 511-520.	1.8	39
27	Comparison of Elastographic Strain Index and Thyroid Fine-Needle Aspiration Cytology in 631 Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4790-4797.	1.8	39
28	Serum BPIFB4 levels classify health status in long-living individuals. <i>Immunity and Ageing</i> , 2015, 12, 27.	1.8	39
29	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1411-1420.	2.2	37
30	Impact of COVID-19 Outbreak on Cancer Patient Care and Treatment: Data from an Outpatient Oncology Clinic in Lombardy (Italy). <i>Cancers</i> , 2020, 12, 2941.	1.7	34
31	A3669G polymorphism of glucocorticoid receptor is a susceptibility allele for primary myelofibrosis and contributes to phenotypic diversity and blast transformation. <i>Blood</i> , 2012, 120, 3112-3117.	0.6	33
32	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021, 4, e2112596.	2.8	33
33	Candidate gene study of <i>FOXO1</i> , <i>FOXO4</i> , and <i>FOXO6</i> reveals no association with human longevity in Germans. <i>Ageing Cell</i> , 2011, 10, 622-628.	3.0	32
34	Effects of FOXO3 Polymorphisms on Survival to Extreme Longevity in Four Centenarian Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1439-1447.	1.7	32
35	CardioVAL: An automatic implementation of ACMG-AMP variant interpretation guidelines in the diagnosis of cardiovascular diseases. <i>Human Mutation</i> , 2018, 39, 1835-1846.	1.1	31
36	Dual Transcranial Direct Current Stimulation for Poststroke Dysphagia: A Randomized Controlled Trial. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 635-644.	1.4	29

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37	Physiotherapy and Weaning From Prolonged Mechanical Ventilation. <i>Respiratory Care</i> , 2019, 64, 17-25.	0.8	27
38	End-of-Life Discussion, Patient Understanding and Determinants of Preferences in Very Severe COPD Patients: A Multicentric Study. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 632-638.	0.7	25
39	Versatile use of dermal substitutes: A retrospective survey of 127 consecutive cases. <i>Indian Journal of Plastic Surgery</i> , 2018, 51, 046-053.	0.2	22
40	<p>Minimal Clinically Important Difference in Barthel Index Dyspnea in Patients with COPD</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2591-2599.	0.9	22
41	The application of genetics approaches to the study of exceptional longevity in humans: potential and limitations. <i>Immunity and Ageing</i> , 2012, 9, 7.	1.8	19
42	Novel genetic susceptibility loci for diabetic end-stage renal disease identified through robust naive Bayes classification. <i>Diabetologia</i> , 2014, 57, 1611-1622.	2.9	19
43	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e31400.	2.1	19
44	Study to determine whether intraoperative frozen section biopsy improves surgical treatment of non-melanoma skin cancer. <i>Molecular and Clinical Oncology</i> , 2013, 1, 390-394.	0.4	17
45	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. <i>Scientific Reports</i> , 2017, 7, 9706.	1.6	17
46	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	17
47	High-Flow Oxygen Therapy During Exercise Training in Patients With Chronic Obstructive Pulmonary Disease and Chronic Hypoxemia: A Multicenter Randomized Controlled Trial. <i>Physical Therapy</i> , 2020, 100, 1249-1259.	1.1	16
48	Diagnostic value of PRND gene expression profiles in astrocytomas: Relationship to tumor grades of malignancy. <i>Oncology Reports</i> , 2007, 17, 989-96.	1.2	15
49	Hierarchical Naive Bayes for genetic association studies. <i>BMC Bioinformatics</i> , 2012, 13, S6.	1.2	14
50	Exercise capacity and comorbidities in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 531-538.	1.4	14
51	Maximal Stiffness Evaluation by Real-Time Ultrasound Elastography, an Improved Tool for the Differential Diagnosis of Thyroid Nodules. <i>Endocrine Practice</i> , 2015, 21, 474-481.	1.1	13
52	Comparison of data mining techniques applied to fetal heart rate parameters for the early identification of IUGR fetuses. , 2016, 2016, 916-919.		12
53	Taste receptors, innate immunity and longevity: the case of TAS2R16 gene. <i>Immunity and Ageing</i> , 2019, 16, 5.	1.8	12
54	Phenotype forecasting with SNPs data through gene-based Bayesian networks. <i>BMC Bioinformatics</i> , 2009, 10, S7.	1.2	11

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55	Sites of Basal Cell Carcinomas and Head and Neck Congenital Clefts. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014, 2, e164.	0.3	11
56	Multivariate Methods for Genetic Variants Selection and Risk Prediction in Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 17.	1.1	11
57	Scar Remodeling with the Association of Monopolar Capacitive Radiofrequency, Electric Stimulation, and Negative Pressure. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 246-258.	2.1	11
58	The Role of Autologous Dermal Micrografts in Regenerative Surgery: A Clinical Experimental Study. <i>Stem Cells International</i> , 2019, 2019, 1-8.	1.2	11
59	Circulating BPIFB4 Levels Associate With and Influence the Abundance of Reparative Monocytes and Macrophages in Long Living Individuals. <i>Frontiers in Immunology</i> , 2020, 11, 1034.	2.2	11
60	Inversion-based genomic signatures. <i>BMC Bioinformatics</i> , 2009, 10, S7.	1.2	10
61	Ex vivo regenerative effects of a spring water. <i>Biomedical Reports</i> , 2017, 7, 508-514.	0.9	10
62	Role of androgen receptor expression in early stage ER+/PgR ⁺ /HER2 ⁻ breast cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592095835.	1.4	10
63	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. <i>Scientific Reports</i> , 2021, 11, 20238.	1.6	10
64	Stochastic model search with binary outcomes for genome-wide association studies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, e13-e20.	2.2	9
65	Objective Clinical Assessment of Posture Patterns after Implant Breast Augmentation. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 162e-170e.	0.7	9
66	The effect of continuous positive airway pressure on pulmonary function may depend on the basal level of forced expiratory volume in 1 second. <i>Journal of Thoracic Disease</i> , 2018, 10, 6819-6827.	0.6	9
67	Taste receptor polymorphisms and longevity: a systematic review and meta-analysis. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2369-2377.	1.4	8
68	Prevalence of exercise-induced oxygen desaturation after recovery from SARS-CoV-2 pneumonia and use of lung ultrasound to predict need for pulmonary rehabilitation. <i>Pulmonology</i> , 2023, 29, S4-S8.	1.0	8
69	The role of rehabilitative camouflage after cervicofacial reconstructive surgery: a preliminary study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2014, 7, 43.	0.8	7
70	Eribulin across multiple lines of chemotherapy: a retrospective study on quality of life and efficacy in metastatic breast cancer patients. <i>Future Oncology</i> , 2017, 13, 11-23.	1.1	7
71	Biomarkers for alcohol abuse/withdrawal and their association with clinical scales and temptation to drink. A prospective pilot study during 4-week residential rehabilitation. <i>Alcohol</i> , 2021, 94, 43-56.	0.8	7
72	Pulmonary rehabilitation in patients with interstitial lung diseases: Correlates of success. <i>Respiratory Medicine</i> , 2021, 185, 106473.	1.3	7

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73	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	7
74	Dataset on linear and non-linear indices for discriminating healthy and IUGR fetuses. <i>Data in Brief</i> , 2020, 29, 105164.	0.5	6
75	Deep Learning to Unveil Correlations between Urban Landscape and Population Health. <i>Sensors</i> , 2020, 20, 2105.	2.1	6
76	Impact of COVID-19 lockdown on PM concentrations in an Italian Northern City: A year-by-year assessment. <i>PLoS ONE</i> , 2022, 17, e0263265.	1.1	6
77	Correlation Between the Sites of Onset of Basal Cell Carcinoma and the Embryonic Fusion Planes in the Auricle. <i>Clinical Medicine Insights: Oncology</i> , 2018, 12, 117955491881732.	0.6	5
78	Reliability of automatic detection of AHI during positive airway pressure treatment in obstructive sleep apnea patients: A "real-life study". <i>Respiratory Medicine</i> , 2021, 177, 106303.	1.3	5
79	A Data Fusion Approach to Enhance Association Study in Epilepsy. <i>PLoS ONE</i> , 2016, 11, e0164940.	1.1	4
80	Exploring the inter-subject variability in the relationship between glucose monitoring metrics and glycated hemoglobin for pediatric patients with type 1 diabetes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2021, 34, 619-625.	0.4	4
81	Immediate Postoperative Treatment of Keloids with Intraoperative Radiation Therapy Technology: A Pilot Study. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3738.	0.3	4
82	A Process Mining Pipeline to Characterize COVID-19 Patients' Trajectories and Identify Relevant Temporal Phenotypes From EHR Data. <i>Frontiers in Public Health</i> , 2022, 10, .	1.3	4
83	Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2. <i>BMJ Open</i> , 2022, 12, e057725.	0.8	4
84	Objective Integrated Assessment of Functional Outcomes in Reduction Mammoplasty. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2013, 1, e61.	0.3	3
85	Exome sequencing of a family with lone, autosomal dominant atrial flutter identifies a rare variation in ABCB4 significantly enriched in cases. <i>BMC Genetics</i> , 2015, 16, 15.	2.7	3
86	Short-Term Effects of an Active Heat-and-Moisture Exchanger During Invasive Ventilation. <i>Respiratory Care</i> , 2019, 64, 1215-1221.	0.8	3
87	Poisoning related to therapeutic error in prolonged low-dose methotrexate treatment. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2385-2391.	1.1	2
88	Identification of a SCN5A founder mutation causing sudden death, Brugada syndrome, and conduction blocks in Southern Italy. <i>Heart Rhythm</i> , 2021, 18, 1698-1706.	0.3	2
89	Clinical and Biological Variables Influencing Outcome in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC) Treated with Anti-PD-1/PD-L1 Antibodies: A Prospective Multicentre Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 679.	1.1	2
90	Outcome Evaluation of an Integrated Treatment for Comorbid Alcohol and Nicotine Addiction: An Exploratory Study. <i>Archives of Psychiatric Nursing</i> , 2017, 31, 429-430.	0.7	1

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91	Tyrosine kinase inhibitors and QTc intervals: A class effect.. Journal of Clinical Oncology, 2014, 32, 2590-2590.	0.8	1
92	Nonmelanoma Skin Cancers: Embryologically Relevant Sites and UV Exposure. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2683.	0.3	1
93	EP-1781 Ability of Modulation Complexity Score to predict the result of pre-treatment QA for VMAT plans. Radiotherapy and Oncology, 2019, 133, S963.	0.3	0
94	P132 Uncovering blood biomarkers of Inflammatory Bowel Diseases by Raman spectroscopy and FAP dosage: toward a noninvasive triage of patients in first care diagnostic. Journal of Crohn's and Colitis, 2021, 15, S221-S222.	0.6	0
95	Late-onset Pompe disease (LOPD): May axial myopathy influence respiratory dysfunction?. Pulmonology, 2021, 27, 566-568.	1.0	0
96	Portable High-Flow Nasal Oxygen during Walking in Patients with Severe Chronic Obstructive Pulmonary Disease: A Randomized Controlled Trial. Respiration, 2021, 100, 1-7.	1.2	0
97	Running Genome Wide Data Analysis Using a Parallel Approach on a Cloud Platform. Lecture Notes in Computer Science, 2015, , 188-192.	1.0	0
98	Effects of 1 year of treatment with nocturnal CPAP in overlap syndrome. , 2015, , .		0
99	LATE-BREAKING ABSTRACT: How patients changed over 15 years: Outcomes and criticality of an Italian respiratory intensive care unit. , 2015, , .		0
100	Effects of Hygrovent Gold versus conventional humidifiers on invasive ventilation efficiency. , 2018, , .		0
101	Transfer Learning for Urban Landscape Clustering and Correlation with Health Indexes. Lecture Notes in Computer Science, 2019, , 143-153.	1.0	0
102	Effort tolerance and effectiveness of pulmonary rehabilitation in COPD patients with varying degrees of dyspnea during ADL. , 2020, , .		0
103	Clusters of Survivors of COVID-19 Associated Acute Respiratory Failure According to Response to Exercise. International Journal of Environmental Research and Public Health, 2021, 18, 11868.	1.2	0
104	Minimal clinically important difference in Barthel dyspnoea after pulmonary rehabilitation in patients with Chronic Obstructive Pulmonary Disease. , 2020, , .		0
105	Role of CACNA1C variants in Brugada syndrome: clinical aspects and genetic testing strategies. European Heart Journal, 2020, 41, .	1.0	0