

Barbara Lombardo

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

509
citations

15
h-index

20
g-index

48
ext. papers

656
ext. citations

4.7
avg, IF

3.5
L-index

#	Paper	IF	Citations
46	The performance of poly-epsilon-caprolactone scaffolds in a rabbit femur model with and without autologous stromal cells and BMP4. <i>Biomaterials</i> , 2007 , 28, 3101-9	15.6	61
45	A Novel View of Human Infections: Interplay between Microbiota and Beta-Defensins. <i>Biomolecules</i> , 2019 , 9,	5.9	30
44	Defensins in the Fight against Helicobacter pylori. <i>Molecules</i> , 2017 , 22,	4.8	30
43	Human Defensins: A Novel Approach in the Fight against Skin Colonizing a. <i>Antibiotics</i> , 2020 , 9,	4.9	24
42	Identification of a novel variant of epsilon-gamma-delta-beta thalassemia highlights limitations of next generation sequencing. <i>American Journal of Hematology</i> , 2015 , 90, E52-4	7.1	22
41	Molecular analysis of cluster headache. <i>Clinical Journal of Pain</i> , 2015 , 31, 52-7	3.5	21
40	Angiotensin receptor I stimulates osteoprogenitor proliferation through TGFβ-mediated signaling. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1466-74	7	20
39	Microduplications in 22q11.2 and 8q22.1 associated with mild mental retardation and generalized overgrowth. <i>Gene</i> , 2014 , 536, 213-6	3.8	20
38	Aberrant F8 gene intron 1 inversion with concomitant duplication and deletion in a severe hemophilia A patient from Southern Italy. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 195-7	15.4	19
37	PEGylated helper-dependent adenoviral vector expressing human Apo A-I for gene therapy in LDLR-deficient mice. <i>Gene Therapy</i> , 2013 , 20, 1124-30	4	19
36	Oculo-facio-cardio-dental (OFCD) syndrome: the first Italian case of BCOR and co-occurring OTC gene deletion. <i>Gene</i> , 2015 , 559, 203-6	3.8	18
35	Exercise, Immune System, Nutrition, Respiratory and Cardiovascular Diseases during COVID-19: A Complex Combination. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	17
34	Beta-defensins and analogs in Helicobacter pylori infections: mRNA expression levels, DNA methylation, and antibacterial activity. <i>PLoS ONE</i> , 2019 , 14, e0222295	3.7	15
33	Laboratory medicine: health evaluation in elite athletes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1450-1473	5.9	15
32	Fast Detection of a BRCA2 Large Genomic Duplication by Next Generation Sequencing as a Single Procedure: A Case Report. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
31	Identification of a deletion in the NDUFS4 gene using array-comparative genomic hybridization in a patient with suspected mitochondrial respiratory disease. <i>Gene</i> , 2014 , 535, 376-9	3.8	15
30	Phenotypic and genetic characterization of a family carrying two Xq21.1-21.3 interstitial deletions associated with syndromic hearing loss. <i>Molecular Cytogenetics</i> , 2015 , 8, 18	2	13

29	The archaeal elongation factor 1alpha bound to GTP forms a ternary complex with eubacterial and eukaryal aminoacyl-tRNA. <i>FEBS Journal</i> , 2000 , 267, 6012-8		12
28	Genetic analysis resolves differential diagnosis of a familial syndromic dilated cardiomyopathy: A new case of Alström syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1260	2.3	11
27	HNP-1 and HBD-1 as Biomarkers for the Immune Systems of Elite Basketball Athletes. <i>Antibiotics</i> , 2020 , 9,	4.9	10
26	Dietary Thiols: A Potential Supporting Strategy against Oxidative Stress in Heart Failure and Muscular Damage during Sports Activity. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
25	The Hidden Fragility in the Heart of the Athletes: A Review of Genetic Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
24	Athlete's Passport: Prevention of Infections, Inflammations, Injuries and Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
23	Mulibrey nanism: Two novel mutations in a child identified by Array CGH and DNA sequencing. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 2196-9	2.5	7
22	Identification of a Novel Transcription Factor Required for Osteogenic Differentiation of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2019 , 28, 370-383	4.4	6
21	Elongation factor Ts from the Antarctic eubacterium <i>Pseudoalteromonas haloplanktis</i> TAC 125: biochemical characterization and cloning of the encoding gene. <i>Biochemistry</i> , 2004 , 43, 14759-66	3.2	6
20	Urinary Biomarkers: Diagnostic Tools for Monitoring Athletes' Health Status. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
19	Methicillin-Resistant : Risk for General Infection and Endocarditis Among Athletes. <i>Antibiotics</i> , 2020 , 9,	4.9	5
18	Molecular and functional properties of an archaeal phenylalanyl-tRNA synthetase from the hyperthermophile <i>Sulfolobus solfataricus</i> . <i>BBA - Proteins and Proteomics</i> , 2002 , 1596, 246-52		5
17	Molecular Epidemiology of Mitochondrial Cardiomyopathy: A Search Among Mitochondrial and Nuclear Genes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
16	Molecular diagnosis of MODY3 permitted to reveal a de novo 12q24.31 deletion and to explain a complex phenotype in a young diabetic patient. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e306-e310	5.9	4
15	Helper-dependent adenovirus-mediated gene transfer of a secreted LDL receptor/transferrin chimeric protein reduces aortic atherosclerosis in LDL receptor-deficient mice. <i>Gene Therapy</i> , 2019 , 26, 121-130	4	4
14	3q29 microduplication in a small family with complex metabolic phenotype from Southern Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e167-e170	5.9	4
13	Childhood obesity: an overview of laboratory medicine, exercise and microbiome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1385-1406	5.9	4
12	Unraveling unusual X-chromosome patterns during fragile-X syndrome genetic testing. <i>Clinica Chimica Acta</i> , 2018 , 476, 167-172	6.2	4

11	Intragenic Deletion in MACROD2: A Family with Complex Phenotypes Including Microcephaly, Intellectual Disability, Polydactyly, Renal and Pancreatic Malformations. <i>Cytogenetic and Genome Research</i> , 2019 , 158, 25-31	1.9	3
10	Physical Activity and Thrombophilic Risk in a Short Series. <i>Journal of Blood Medicine</i> , 2020 , 11, 39-42	2.3	3
9	Multidisciplinary In-Depth Investigation in a Young Athlete Suffering from Syncope Caused by Myocardial Bridge. <i>Diagnostics</i> , 2021 , 11,	3.8	3
8	Case Report: Detection of a Novel Germline Deletion in a Young Woman With Hereditary Breast Cancer: When the Patient's Phenotype History Doesn't Lie. <i>Frontiers in Oncology</i> , 2021 , 11, 602523	5.3	3
7	Two novel genomic rearrangements identified in suicide subjects using a-CGH array. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e245-8	5.9	2
6	CGH array for the identification of a compound heterozygous mutation in the CYP1B1 gene in a patient with bilateral anterior segment dysgenesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e63-e66	5.9	2
5	Sudden cardiac death in young athletes: Literature review of molecular basis. <i>Neurology International</i> , 2020 , 10,	0	1
4	Thymidine kinase-mediated shut down of bone morphogenetic protein-4 expression allows regulated bone production. <i>Current Gene Therapy</i> , 2013 , 13, 202-10	4.3	1
3	Idiopathic Hypereosinophilia and Venous Thromboembolism: Is There a Pathophysiological or Clinical Link? Description of an Intriguing Clinical Case. <i>Journal of Blood Medicine</i> , 2020 , 11, 73-76	2.3	
2	Identification of a Deletion by Using A-CGH Involving PLNAX2: An Interesting Candidate Gene in Psychomotor Developmental Delay.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	
1	Combined aCGH and Exome Sequencing Analysis Improves Autism Spectrum Disorders Diagnosis: A Case Report.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	