Barbara Lombardo

List of Publications by Year
in descending order

48	779	394286 19	580701 25
papers	citations	h-index	g-index

48	48	48	1139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The performance of poly-Îµ-caprolactone scaffolds in a rabbit femur model with and without autologous stromal cells and BMP4. Biomaterials, 2007, 28, 3101-3109.	5.7	65
2	Human Defensins: A Novel Approach in the Fight against Skin Colonizing Staphylococcus aureus. Antibiotics, 2020, 9, 198.	1.5	41
3	Î²-Defensins in the Fight against Helicobacter pylori. Molecules, 2017, 22, 424.	1.7	40
4	A Novel View of Human Helicobacter pylori Infections: Interplay between Microbiota and Beta-Defensins. Biomolecules, 2019, 9, 237.	1.8	39
5	Exercise, Immune System, Nutrition, Respiratory and Cardiovascular Diseases during COVID-19: A Complex Combination. International Journal of Environmental Research and Public Health, 2021, 18, 904.	1.2	32
6	Molecular Analysis of Cluster Headache. Clinical Journal of Pain, 2015, 31, 52-57.	0.8	28
7	The Biological Role of Vitamins in Athletesâ€™ Muscle, Heart and Microbiota. International Journal of Environmental Research and Public Health, 2022, 19, 1249.	1.2	27
8	Beta-defensins and analogs in Helicobacter pylori infections: mRNA expression levels, DNA methylation, and antibacterial activity. PLoS ONE, 2019, 14, e0222295.	1.1	26
9	Laboratory medicine: health evaluation in elite athletes. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1450-1473.	1.4	25
10	Microduplications in 22q11.2 and 8q22.1 associated with mild mental retardation and generalized overgrowth. Gene, 2014, 536, 213-216.	1.0	24
11	Identification of a novel variant of epsilonâ€gammaâ€deltaâ€beta thalassemia highlights limitations of next generation sequencing. American Journal of Hematology, 2015, 90, E52-4.	2.0	24
12	Aberrant F8 gene intron 1 inversion with concomitant duplication and deletion in a severe hemophilia A patient from Southern Italy. Journal of Thrombosis and Haemostasis, 2013, 11, 195-197.	1.9	23
13	Dietary Thiols: A Potential Supporting Strategy against Oxidative Stress in Heart Failure and Muscular Damage during Sports Activity. International Journal of Environmental Research and Public Health, 2020, 17, 9424.	1.2	23
14	PEGylated helper-dependent adenoviral vector expressing human Apo A-I for gene therapy in LDLR-deficient mice. Gene Therapy, 2013, 20, 1124-1130.	2.3	22
15	Identification of a deletion in the NDUFS4 gene using array-comparative genomic hybridization in a patient with suspected mitochondrial respiratory disease. Gene, 2014, 535, 376-379.	1.0	22
16	Angiotensin receptor I stimulates osteoprogenitor proliferation through TGFÎ²-mediated signaling. Journal of Cellular Physiology, 2015, 230, 1466-1474.	2.0	22
17	Genetic analysis resolves differential diagnosis of a familial syndromic dilated cardiomyopathy: A new case of AlstrÃ¶m syndrome. Molecular Genetics & Genomic Medicine, 2020, 8, e1260.	0.6	22
18	Oculo-facio-cardio-dental (OFCD) syndrome: The first Italian case of BCOR and co-occurring OTC gene deletion. Gene, 2015, 559, 203-206.	1.0	21

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19	Fast Detection of a BRCA2 Large Genomic Duplication by Next Generation Sequencing as a Single Procedure: A Case Report. International Journal of Molecular Sciences, 2017, 18, 2487.	1.8	20
20	Phenotypic and genetic characterization of a family carrying two Xq21.1-21.3 interstitial deletions associated with syndromic hearing loss. Molecular Cytogenetics, 2015, 8, 18.	0.4	19
21	Molecular Epidemiology of Mitochondrial Cardiomyopathy: A Search among Mitochondrial and Nuclear Genes. International Journal of Molecular Sciences, 2021, 22, 5742.	1.8	17
22	HNP-1 and HBD-1 as Biomarkers for the Immune Systems of Elite Basketball Athletes. Antibiotics, 2020, 9, 306.	1.5	16
23	The archaeal elongation factor 1Î± bound to GTP forms a ternary complex with eubacterial and eukaryal aminoacyl-tRNA. FEBS Journal, 2000, 267, 6012-6018.	0.2	14
24	Mulibrey nanism: Two novel mutations in a child identified by Array CGH and DNA sequencing. American Journal of Medical Genetics, Part A, 2016, 170, 2196-2199.	0.7	14
25	The Hidden Fragility in the Heart of the Athletes: A Review of Genetic Biomarkers. International Journal of Molecular Sciences, 2020, 21, 6682.	1.8	14
26	Urinary Biomarkers: Diagnostic Tools for Monitoring Athletesâ€™ Health Status. International Journal of Environmental Research and Public Health, 2020, 17, 6065.	1.2	14
27	Athleteâ€™s Passport: Prevention of Infections, Inflammations, Injuries and Cardiovascular Diseases. Journal of Clinical Medicine, 2020, 9, 2540.	1.0	12
28	Intragenic Deletion in <i>MACROD2</i>: A Family with Complex Phenotypes Including Microcephaly, Intellectual Disability, Polydactyly, Renal and Pancreatic Malformations. Cytogenetic and Genome Research, 2019, 158, 25-31.	0.6	11
29	Childhood obesity: an overview of laboratory medicine, exercise and microbiome. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1385-1406.	1.4	11
30	Multidisciplinary In-Depth Investigation in a Young Athlete Suffering from Syncope Caused by Myocardial Bridge. Diagnostics, 2021, 11, 2144.	1.3	11
31	Identification of a Novel Transcription Factor Required for Osteogenic Differentiation of Mesenchymal Stem Cells. Stem Cells and Development, 2019, 28, 370-383.	1.1	10
32	Helper-dependent adenovirus-mediated gene transfer of a secreted LDL receptor/transferrin chimeric protein reduces aortic atherosclerosis in LDL receptor-deficient mice. Gene Therapy, 2019, 26, 121-130.	2.3	9
33	3q29 microduplication in a small family with complex metabolic phenotype from Southern Italy. Clinical Chemistry and Laboratory Medicine, 2018, 56, e167-e170.	1.4	8
34	Methicillin-Resistant Staphylococcus aureus: Risk for General Infection and Endocarditis Among Athletes. Antibiotics, 2020, 9, 332.	1.5	8
35	Elongation Factor Ts from the Antarctic Eubacterium Pseudoalteromonas haloplanktis TAC 125:â€‰ Biochemical Characterization and Cloning of the Encoding Gene,. Biochemistry, 2004, 43, 14759-14766.	1.2	6
36	Unraveling unusual X-chromosome patterns during fragile-X syndrome genetic testing. Clinica Chimica Acta, 2018, 476, 167-172.	0.5	6

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37	Molecular and functional properties of an archaeal phenylalanyl-tRNA synthetase from the hyperthermophile Sulfolobus solfataricus. BBA - Proteins and Proteomics, 2002, 1596, 246-252.	2.1	5
38	Molecular diagnosis of MODY3 permitted to reveal a de novo 12q24.31 deletion and to explain a complex phenotype in a young diabetic patient. Clinical Chemistry and Laboratory Medicine, 2019, 57, e306-e310.	1.4	4
39	Case Report: Detection of a Novel Germline PALB2 Deletion in a Young Woman With Hereditary Breast Cancer: When the Patient's Phenotype History Doesn't Lie. Frontiers in Oncology, 2021, 11, 602523.	1.3	4
40	Sudden cardiac death in young athletes: Literature review of molecular basis. Neurology International, 2020, 10, .	0.2	3
41	Physical Activity and Thrombophilic Risk in a Short Series . Journal of Blood Medicine, 2020, Volume 11, 39-42.	0.7	3
42	Thymidine Kinase-Mediated Shut Down of Bone Morphogenetic Protein-4 Expression Allows Regulated Bone Production. Current Gene Therapy, 2013, 13, 202-210.	0.9	3
43	Two novel genomic rearrangements identified in suicide subjects using a-CGH array. Clinical Chemistry and Laboratory Medicine, 2015, 53, e245-8.	1.4	2
44	CGH array for the identification of a compound heterozygous mutation in the CYP1B1 gene in a patient with bilateral anterior segment dysgenesis. Clinical Chemistry and Laboratory Medicine, 2019, 57, e63-e66.	1.4	2
45	Molecular Characterization of Choroideremia-Associated Deletions Reveals an Unexpected Regulation of CHM Gene Transcription. Genes, 2021, 12, 1111.	1.0	2
46	Identification of a De Novo Deletion by Using A-CGH Involving PLNAX2: An Interesting Candidate Gene in Psychomotor Developmental Delay. Medicina (Lithuania), 2022, 58, 524.	0.8	2
47	Combined aCGH and Exome Sequencing Analysis Improves Autism Spectrum Disorders Diagnosis: A Case Report. Medicina (Lithuania), 2022, 58, 522.	0.8	2
48	Idiopathic Hypereosinophilia and Venous Thromboembolism: Is There a Pathophysiological or Clinical Link? Description of an Intriguing Clinical Case . Journal of Blood Medicine, 2020, Volume 11, 73-76.	0.7	1