

# Valeria D'Argenio

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

2,430  
citations

185998

28  
h-index

233125

45  
g-index

87  
all docs

87  
docs citations

87  
times ranked

3863  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the gut microbiome in the healthy adult status. <i>Clinica Chimica Acta</i> , 2015, 451, 97-102.	0.5	369
2	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic <i>N. flavescens</i> Strain in Duodenum of Adult Celiac Patients. <i>American Journal of Gastroenterology</i> , 2016, 111, 879-890.	0.2	128
3	The Molecular Hallmarks of the Serrated Pathway in Colorectal Cancer. <i>Cancers</i> , 2019, 11, 1017.	1.7	115
4	Epigenetic features of FoxP3 in children with cow's milk allergy. <i>Clinical Epigenetics</i> , 2016, 8, 86.	1.8	91
5	Differences in DNA methylation profile of Th1 and Th2 cytokine genes are associated with tolerance acquisition in children with IgE-mediated cow's milk allergy. <i>Clinical Epigenetics</i> , 2015, 7, 38.	1.8	70
6	Comparative Metagenomic Analysis of Human Gut Microbiome Composition Using Two Different Bioinformatic Pipelines. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	68
7	Updates on liquid biopsy: current trends and future perspectives for clinical application in solid tumors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1181-1200.	1.4	68
8	The evolving role of genetic tests in reproductive medicine. <i>Journal of Translational Medicine</i> , 2019, 17, 267.	1.8	58
9	An Altered Gut Microbiome Profile in a Child Affected by Crohn's Disease Normalized After Nutritional Therapy. <i>American Journal of Gastroenterology</i> , 2013, 108, 851-852.	0.2	54
10	The molecular analysis of BRCA1 and BRCA2: Next-generation sequencing supersedes conventional approaches. <i>Clinica Chimica Acta</i> , 2015, 446, 221-225.	0.5	53
11	A Polymorphism at the Translation Start Site of the Vitamin D Receptor Gene Is Associated with the Response to Anti-Osteoporotic Therapy in Postmenopausal Women from Southern Italy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 5452-5466.	1.8	48
12	Haemophilia A: molecular insights. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 450-61.	1.4	47
13	The High-Throughput Analyses Era: Are We Ready for the Data Struggle?. <i>High-Throughput</i> , 2018, 7, 8.	4.4	46
14	Microbiota and Human Reproduction: The Case of Female Infertility. <i>High-Throughput</i> , 2020, 9, 12.	4.4	46
15	Complete sequencing of <i>Novosphingobium</i> sp. PP1Y reveals a biotechnologically meaningful metabolic pattern. <i>BMC Genomics</i> , 2014, 15, 384.	1.2	44
16	The Prenatal Microbiome: A New Player for Human Health. <i>High-Throughput</i> , 2018, 7, 38.	4.4	44
17	DNA Sequence Capture and Next-Generation Sequencing for the Molecular Diagnosis of Genetic Cardiomyopathies. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 32-44.	1.2	43
18	Microbiome Influence in the Pathogenesis of Prion and Alzheimer's Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4704.	1.8	42

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19	A role for D-aspartate oxidase in schizophrenia and in schizophrenia-related symptoms induced by phencyclidine in mice. <i>Translational Psychiatry</i> , 2015, 5, e512-e512.	2.4	41
20	Human Microbiome Acquisition and Bioinformatic Challenges in Metagenomic Studies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 383.	1.8	41
21	The Analysis of the Inflorescence miRNome of the Orchid <i>Orchis italica</i> Reveals a DEF-Like MADS-Box Gene as a New miRNA Target. <i>PLoS ONE</i> , 2014, 9, e97839.	1.1	41
22	The complete 12â€‰Mb genome and transcriptome of <i>Nonomuraea gerenzanensis</i> with new insights into its duplicated â€œmagneticâ€œ-RNA polymerase. <i>Scientific Reports</i> , 2016, 6, 18.	1.6	40
23	Cracking the Code of Human Diseases Using Next-Generation Sequencing: Applications, Challenges, and Perspectives. <i>BioMed Research International</i> , 2015, 2015, 1-15.	0.9	39
24	Characterization of the Duodenal Mucosal Microbiome in Obese Adult Subjects by 16S rRNA Sequencing. <i>Microorganisms</i> , 2020, 8, 485.	1.6	36
25	Yield and clinical significance of genetic screening in elite and amateur athletes. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1081-1090.	0.8	35
26	Microbiota and Human Reproduction: The Case of Male Infertility. <i>High-Throughput</i> , 2020, 9, 10.	4.4	35
27	Oropharyngeal microbiome evaluation highlights <i>Neisseria</i> abundance in active celiac patients. <i>Scientific Reports</i> , 2018, 8, 11047.	1.6	33
28	De Novo Sequencing and Assembly of the Whole Genome of <i>Novosphingobium</i> sp. Strain PP1Y. <i>Journal of Bacteriology</i> , 2011, 193, 4296-4296.	1.0	32
29	Randomized controlled trial on the influence of dietary intervention on epigenetic mechanisms in children with cowâ€™s milk allergy: the EPICMA study. <i>Scientific Reports</i> , 2019, 9, 2828.	1.6	30
30	Altered miRâ€œ193â€œ expression in children with cow's milk allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 379-386.	2.7	27
31	The Biological Role of Vitamins in Athletesâ€™ Muscle, Heart and Microbiota. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1249.	1.2	27
32	Multicenter validation study for the certification of a CFTR gene scanning method using next generation sequencing technology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1046-1053.	1.4	23
33	A multi-gene panel beyond BRCA1/BRCA2 to identify new breast cancer-predisposing mutations by a picodroplet PCR followed by a next-generation sequencing strategy: a pilot study. <i>Analytica Chimica Acta</i> , 2019, 1046, 154-162.	2.6	23
34	Microbiological Evaluation and Sperm DNA Fragmentation in Semen Samples of Patients Undergoing Fertility Investigation. <i>Genes</i> , 2021, 12, 654.	1.0	23
35	Microbiome composition indicate dysbiosis and lower richness in tumor breast tissues compared to healthy adjacent paired tissue, within the same women. <i>BMC Cancer</i> , 2022, 22, 30.	1.1	23
36	Metastatic group 3 medulloblastoma is driven by PRUNE1 targeting NME1â€™TGF-Î²â€™OTX2â€™SNAIL via PTEN inhibition. <i>Brain</i> , 2018, 141, 1300-1319.	3.7	22

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37	Genetic analysis resolves differential diagnosis of a familial syndromic dilated cardiomyopathy: A new case of Alström syndrome. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1260.	0.6	22
38	Celiac disease-associated <i>Neisseria flavescens</i> decreases mitochondrial respiration in CaCo2 epithelial cells: Impact of <i>Lactobacillus paracasei</i> CBA L74 on bacterial-induced cellular imbalance. <i>Cellular Microbiology</i> , 2019, 21, e13035.	1.1	21
39	Detection of colonic dysplasia in patients with ulcerative colitis using a targeted fluorescent peptide and confocal laser endomicroscopy: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0180509.	1.1	21
40	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, 2487.	1.8	20
41	Unexplained sudden cardiac arrest in children: clinical and genetic characteristics of survivors. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1134-1137.	0.8	20
42	New Insights into the Molecular Bases of Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 26.	1.1	19
43	No Change in the Mucosal Gut Microbiome is Associated With Celiac Disease-Specific Microbiome Alteration in Adult Patients. <i>American Journal of Gastroenterology</i> , 2016, 111, 1659-1661.	0.2	18
44	miR-138/miR-222 Overexpression Characterizes the miRNome of Amniotic Mesenchymal Stem Cells in Obesity. <i>Stem Cells and Development</i> , 2017, 26, 4-14.	1.1	17
45	Altered Bioenergetic Profile in Umbilical Cord and Amniotic Mesenchymal Stem Cells from Newborns of Obese Women. <i>Stem Cells and Development</i> , 2018, 27, 199-206.	1.1	17
46	The Combination of Berberine, Tocotrienols and Coffee Extracts Improves Metabolic Profile and Liver Steatosis by the Modulation of Gut Microbiota and Hepatic miR-122 and miR-34a Expression in Mice. <i>Nutrients</i> , 2021, 13, 1281.	1.7	16
47	Mutational spectrum of <i>F8</i> gene and prothrombotic gene variants in haemophilia A patients from Southern Italy. <i>Haemophilia</i> , 2008, 14, 796-803.	1.0	15
48	Genotype-Phenotype Correlation: A Triple DNA Mutational Event in a Boy Entering Sport Conveys an Additional Pathogenicity Risk. <i>Genes</i> , 2020, 11, 524.	1.0	15
49	The abundance of the long intergenic non-coding RNA 01087 differentiates between luminal and triple-negative breast cancers and predicts patient outcome. <i>Pharmacological Research</i> , 2020, 161, 105249.	3.1	13
50	Duodenal Metatranscriptomics to Define Human and Microbial Functional Alterations Associated with Severe Obesity: A Pilot Study. <i>Microorganisms</i> , 2020, 8, 1811.	1.6	13
51	Probiotics, prebiotics and their role in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2021, 16, 1768.	1.6	13
52	The SEeMORE strategy: single-tube electrophoresis analysis-based genotyping to detect monogenic diseases rapidly and effectively from conception until birth. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 56, 40-50.	1.4	12
53	Multidisciplinary In-Depth Investigation in a Young Athlete Suffering from Syncope Caused by Myocardial Bridge. <i>Diagnostics</i> , 2021, 11, 2144.	1.3	11
54	Modulation of Gut Microbiota and Neuroprotective Effect of a Yeast-Enriched Beer. <i>Nutrients</i> , 2022, 14, 2380.	1.7	11

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55	The Cause of Death of a Child in the 18th Century Solved by Bone Microbiome Typing Using Laser Microdissection and Next Generation Sequencing. <i>International Journal of Molecular Sciences</i> , 2017, 18, 109.	1.8	10
56	A Novel Pathogenic BRCA1 Splicing Variant Produces Partial Intron Retention in the Mature Messenger RNA. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2145.	1.8	9
57	Sex-Comparative Analysis of the miRNome of Human Amniotic Mesenchymal Stem Cells During Obesity. <i>Stem Cells and Development</i> , 2017, 26, 1-3.	1.1	9
58	A Functional Analysis of the Unclassified Pro2767Ser BRCA2 Variant Reveals Its Potential Pathogenicity that Acts by Hampering DNA Binding and Homology-Mediated DNA Repair. <i>Cancers</i> , 2019, 11, 1454.	1.7	8
59	One4Two®: An Integrated Molecular Approach to Optimize Infertile Couples' Journey. <i>Genes</i> , 2021, 12, 60.	1.0	8
60	Promelaxin Microenemas Are Non-inferior to Oral Polyethylene Glycol for the Treatment of Functional Constipation in Young Children: A Randomized Clinical Trial. <i>Frontiers in Pediatrics</i> , 2021, 9, 753938.	0.9	7
61	Setup of Quantitative PCR for Oral <i>Neisseria</i> spp. Evaluation in Celiac Disease Diagnosis. <i>Diagnostics</i> , 2020, 10, 12.	1.3	6
62	Inhibition of 37/67kDa Laminin-1 Receptor Restores APP Maturation and Reduces Amyloid- $\beta^2$ in Human Skin Fibroblasts from Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 232.	1.1	6
63	Unraveling the Balance between Genes, Microbes, Lifestyle and the Environment to Improve Healthy Reproduction. <i>Genes</i> , 2021, 12, 605.	1.0	6
64	Innovative technologies for diagnosis and screening of genetic diseases in antenatal age. <i>Journal of Laboratory and Precision Medicine</i> , 0, 5, 6-6.	1.1	6
65	Dissecting Intra-Tumor Heterogeneity by the Analysis of Copy Number Variations in Single Cells: The Neuroblastoma Case Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 893.	1.8	5
66	Comprehensive Molecular Analysis of DMD Gene Increases the Diagnostic Value of Dystrophinopathies: A Pilot Study in a Southern Italy Cohort of Patients. <i>Diagnostics</i> , 2021, 11, 1910.	1.3	5
67	Current Updates on Expanded Carrier Screening: New Insights in the Omics Era. <i>Medicina (Lithuania)</i> , 2022, 58, 455.	0.8	5
68	Methylome Analysis in Nonfunctioning and GH-Secreting Pituitary Adenomas. <i>Frontiers in Endocrinology</i> , 2022, 13, 841118.	1.5	5
69	Should a BRCA2 stop codon human variant, usually considered a polymorphism, be classified as a predisposing mutation?. <i>Cancer</i> , 2014, 120, 1594-1595.	2.0	4
70	A common microbial signature is present in the lower airways of interstitial lung diseases including sarcoidosis. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2018, 35, 354-362.	0.2	4
71	From laboratory bench to benchmark: technology transfer in laboratory medicine. <i>Annals of Translational Medicine</i> , 2020, 8, 353-353.	0.7	3
72	Molecular diagnosis of Brugada syndrome via next-generation sequencing of a multigene panel in a young athlete. <i>Medicina Dello Sport</i> , 2018, 71, .	0.1	3

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73	Activation of Non-Canonical Autophagic Pathway through Inhibition of Non-Integrin Laminin Receptor in Neuronal Cells. <i>Cells</i> , 2022, 11, 466.	1.8	3
74	Combined aCGH and Exome Sequencing Analysis Improves Autism Spectrum Disorders Diagnosis: A Case Report. <i>Medicina (Lithuania)</i> , 2022, 58, 522.	0.8	2
75	A First Look at an Automated Pipeline for NGS-Based Breast-Cancer Diagnosis: The CARDIGAN Approach. , 2016, , .		1
76	Evaluation of a Four-Gene Panel for Hereditary Cancer Risk Assessment. <i>Genes</i> , 2022, 13, 682.	1.0	1
77	Education and training for young scientists: Two years' experience of the Italian Society of Clinical Chemistry Young Scientists Working Group (SIBIOC YS-WG). <i>Clinica Chimica Acta</i> , 2019, 493, S314.	0.5	0
78	596<i>â€f</i>Multidisciplinary in-depth investigation in a young athlete suffering from syncope caused by myocardial bridge. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0