Francesco Salvatore

List of Publications by Year
in descending order

326	10,074	41344	60623
papers	citations	49 h-index	81 g-index

328	328	328	13621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of nanoparticle protein corona on cytotoxicity, immunotoxicity and target drug delivery. Nanomedicine, 2016, 11, 81-100.	3.3	499
2	The complete sequence of a full length cDNA for human liver glyceraldehyde-3-phosphate dehydrogenase: evidence for multiple mRNA species. Nucleic Acids Research, 1984, 12, 9179-9189.	14.5	402
3	The role of the gut microbiome in the healthy adult status. Clinica Chimica Acta, 2015, 451, 97-102.	1.1	369
4	Neutrophilic-chronic myeloid leukemia: a distinct disease with a specific molecular marker (BCR/ABL) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	357
5	Genetic Modifiers of Liver Disease in Cystic Fibrosis. JAMA - Journal of the American Medical Association, 2009, 302, 1076.	7.4	256
6	IgA antibodies to tissue transglutaminase: An effective diagnostic test for celiac disease. Journal of Pediatrics, 1999, 134, 166-171.	1.8	183
7	Genotypeâ€“phenotype correlation in cystic fibrosis: The role of modifier genes. American Journal of Medical Genetics Part A, 2002, 111, 88-95.	2.4	163
8	Ischemic Neoangiogenesis Enhanced by Î² ₂ -Adrenergic Receptor Overexpression. Circulation Research, 2005, 97, 1182-1189.	4.5	154
9	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic N. flavescens Strain in Duodenum of Adult Celiac Patients. American Journal of Gastroenterology, 2016, 111, 879-890.	0.4	128
10	Unveiling the in Vivo Protein Corona of Circulating Leukocyte-like Carriers. ACS Nano, 2017, 11, 3262-3273.	14.6	124
11	The Molecular Hallmarks of the Serrated Pathway in Colorectal Cancer. Cancers, 2019, 11, 1017.	3.7	115
12	Consistent amounts of acute leukemia-associated P190BCR/ABL transcripts are expressed by chronic myelogenous leukemia patients at diagnosis. Blood, 1996, 87, 1075-1080.	1.4	110
13	BCR/ABL genes and leukemic phenotype: from molecular mechanisms to clinical correlations. Oncogene, 2002, 21, 8652-8667.	5.9	103
14	Butyrate as an effective treatment of congenital chloride diarrhea. Gastroenterology, 2004, 127, 630-634.	1.3	102
15	Novel Synthetic, Salt-Resistant Analogs of Human Beta-Defensins 1 and 3 Endowed with Enhanced Antimicrobial Activity. Antimicrobial Agents and Chemotherapy, 2010, 54, 2312-2322.	3.2	102
16	Biomimetic carriers mimicking leukocyte plasma membrane to increase tumor vasculature permeability. Scientific Reports, 2016, 6, 34422.	3.3	92
17	Epigenetic features of FoxP3 in children with cowâ€™s milk allergy. Clinical Epigenetics, 2016, 8, 86.	4.1	91
18	AKT Participates in Endothelial Dysfunction in Hypertension. Circulation, 2004, 109, 2587-2593.	1.6	89

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19	Quantitative analysis of S-adenosylmethionine and S-adenosylhomocysteine in animal tissues. Analytical Biochemistry, 1971, 41, 16-28.	2.4	85
20	Significant reduction of the hybrid BCR/ABL transcripts after induction and consolidation therapy is a powerful predictor of treatment response in adult Philadelphia-positive acute lymphoblastic leukemia. Leukemia, 2005, 19, 628-635.	7.2	85
21	Red blood cells affect the margination of microparticles in synthetic microcapillaries and intravital microcirculation as a function of their size and shape. Journal of Controlled Release, 2015, 217, 263-272.	9.9	82
22	Microbial diversity in Natural Whey Cultures used for the production of Caciocavallo Silano PDO cheese. International Journal of Food Microbiology, 2008, 124, 164-170.	4.7	81
23	The Personal Human Oral Microbiome Obscures the Effects of Treatment on Periodontal Disease. PLoS ONE, 2014, 9, e86708.	2.5	79
24	Significance of Sarcomere Gene Mutations Analysis in the End-Stage Phase of Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2014, 114, 769-776.	1.6	76
25	Targeted metabolomics in the expanded newborn screening for inborn errors of metabolism. Molecular BioSystems, 2015, 11, 1525-1535.	2.9	73
26	Enabling cytoplasmic delivery and organelle targeting by surface modification of nanocarriers. Nanomedicine, 2015, 10, 1923-1940.	3.3	70
27	Differences in DNA methylation profile of Th1 and Th2 cytokine genes are associated with tolerance acquisition in children with IgE-mediated cowâ€™s milk allergy. Clinical Epigenetics, 2015, 7, 38.	4.1	70
28	Molecular response to imatinib in late chronic-phase chronic myeloid leukemia. Blood, 2004, 103, 2284-2290.	1.4	69
29	â€œClassical organic aciduriasâ€• diagnosis and pathogenesis. Clinical and Experimental Medicine, 2017, 17, 305-323.	3.6	69
30	Combined CD133/CD44 Expression as a Prognostic Indicator of Disease-Free Survival in Patients With Colorectal Cancer. Archives of Surgery, 2012, 147, 18.	2.2	68
31	Comparative Metagenomic Analysis of Human Gut Microbiome Composition Using Two Different Bioinformatic Pipelines. BioMed Research International, 2014, 2014, 1-10.	1.9	68
32	Effects of the protein corona on liposome–liposome and liposome–cell interactions . International Journal of Nanomedicine, 2016, Volume 11, 3049-3063.	6.7	67
33	One-pot synthesis of pH-responsive hybrid nanogel particles for the intracellular delivery of small interfering RNA. Biomaterials, 2016, 87, 57-68.	11.4	67
34	Neutrophilic-chronic myeloid leukemia. Cancer, 2002, 94, 2416-2425.	4.1	66
35	Proteotoxicity in cardiac amyloidosis: amyloidogenic light chains affect the levels of intracellular proteins in human heart cells. Scientific Reports, 2017, 7, 15661.	3.3	63
36	Human aldolase A gene. Structural organization and tissue-specific expression by multiple promoters and alternate mRNA processing. FEBS Journal, 1988, 174, 569-578.	0.2	62

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37	SRp20: An overview of its role in human diseases. Biochemical and Biophysical Research Communications, 2013, 436, 1-5.	2.1	60
38	Novel mitochondrial protein interactors of immunoglobulin light chains causing heart amyloidosis. FASEB Journal, 2015, 29, 4614-4628.	0.5	60
39	Genetic characterization of Italian patients with Bardet-Biedl syndrome and correlation to ocular, renal and audio-vestibular phenotype: identification of eleven novel pathogenic sequence variants. BMC Medical Genetics, 2017, 18, 10.	2.1	59
40	CD66c is a novel marker for colorectal cancer stem cell isolation, and its silencing halts tumor growth in vivo. Cancer, 2013, 119, 729-738.	4.1	57
41	Engineered biomimetic nanovesicles show intrinsic anti-inflammatory properties for the treatment of inflammatory bowel diseases. Nanoscale, 2017, 9, 14581-14591.	5.6	57
42	RBM5-AS1 Is Critical for Self-Renewal of Colon Cancer Stem-like Cells. Cancer Research, 2016, 76, 5615-5627.	0.9	56
43	Comprehensive mutation analysis (20 families) of the choroideremia gene reveals a missense variant that prevents the binding of REP1 with rab geranylgeranyl transferase. Human Mutation, 2011, 32, 1460-1469.	2.5	55
44	An Altered Gut Microbiome Profile in a Child Affected by Crohn's Disease Normalized After Nutritional Therapy. American Journal of Gastroenterology, 2013, 108, 851-852.	0.4	54
45	Human anti-nucleolin recombinant immunoagent for cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9418-9423.	7.1	53
46	The molecular analysis of BRCA1 and BRCA2: Next-generation sequencing supersedes conventional approaches. Clinica Chimica Acta, 2015, 446, 221-225.	1.1	53
47	Protein crossâ€talk in <scp>CD</scp>133+ colon cancer cells indicates activation of the <scp>W</scp>nt pathway and upregulation of <scp>SR</scp>p20 that is potentially involved in tumorigenicity. Proteomics, 2012, 12, 2045-2059.	2.2	52
48	Mechanism of the protection by l-ornithine-l-aspartate mixture and by l-arginine in ammonia intoxication. Archives of Biochemistry and Biophysics, 1964, 107, 499-503.	3.0	51
49	Identification and functional characterization of malignant hyperthermia mutation T1354S in the outer pore of the Ca_vÎ±_{1S}-subunit. American Journal of Physiology - Cell Physiology, 2010, 299, C1345-C1354.	4.6	51
50	A paraoxonase gene polymorphism, PON 1 (55), as an independent risk factor for increased carotid intima-media thickness in middle-aged women. Atherosclerosis, 2003, 167, 141-148.	0.8	50
51	Site-Specific Atherosclerotic Plaques in the Carotid Arteries of Middle-Aged Women From Southern Italy. Stroke, 2001, 32, 1953-1959.	2.0	49
52	Genetic history of cystic fibrosis mutations in Italy. I. Regional distribution. Annals of Human Genetics, 1997, 61, 411-424.	0.8	48
53	Determination of pseudouridine and other nucleosides in human blood serum by high-performance liquid chromatography. Analytical Biochemistry, 1983, 130, 19-26.	2.4	47
54	Lung cancer metastatic cells detected in blood by reverse transcriptase-polymerase chain reaction and dot-blot analysis.. Journal of Clinical Oncology, 1997, 15, 3388-3393.	1.6	47

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55	BCR/ABL mRNA and the P210BCR/ABL Protein Are Downmodulated by Interferon-îœ€ in Chronic Myeloid Leukemia Patients. Blood, 1999, 94, 2200-2207.	1.4	47
56	Liver expression in cystic fibrosis could be modulated by genetic factors different from the cystic fibrosis transmembrane regulator genotype. American Journal of Medical Genetics Part A, 2001, 98, 294-297.	2.4	47
57	Haemophilia A: molecular insights. Clinical Chemistry and Laboratory Medicine, 2007, 45, 450-61.	2.3	47
58	Detection of Five Rare Cystic Fibrosis Mutations Peculiar to Southern Italy: Implications in Screening for the Disease and Phenotype Characterization for Patients with Homozygote Mutations. Clinical Chemistry, 1999, 45, 957-962.	3.2	44
59	Complete sequencing of Novosphingobium sp. PP1Y reveals a biotechnologically meaningful metabolic pattern. BMC Genomics, 2014, 15, 384.	2.8	44
60	Isolation and nucleotide sequence of a full-length cDNA coding for aldolase B from human liver. Nucleic Acids Research, 1984, 12, 7401-7410.	14.5	43
61	DNA Sequence Capture and Next-Generation Sequencing for the Molecular Diagnosis of Genetic Cardiomyopathies. Journal of Molecular Diagnostics, 2014, 16, 32-44.	2.8	43
62	Analysis of Dystrophin Gene Deletions Indicates that the Hinge III Region of the Protein Correlates with Disease Severity. Annals of Human Genetics, 2005, 69, 253-259.	0.8	42
63	Comprehensive Cystic Fibrosis Mutation Epidemiology and Haplotype Characterization in a Southern Italian Population. Annals of Human Genetics, 2005, 69, 15-24.	0.8	41
64	A role for D-aspartate oxidase in schizophrenia and in schizophrenia-related symptoms induced by phencyclidine in mice. Translational Psychiatry, 2015, 5, e512-e512.	4.8	41
65	The Analysis of the Inflorescence miRNome of the Orchid Orchis italica Reveals a DEF-Like MADS-Box Gene as a New miRNA Target. PLoS ONE, 2014, 9, e97839.	2.5	41
66	Functional foods and cardiometabolic diseases. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 1272-1300.	2.6	40
67	The complete 12â€‰Mb genome and transcriptome of Nonomuraea gerenzanensis with new insights into its duplicated â€œmagicâ€•RNA polymerase. Scientific Reports, 2016, 6, 18.	3.3	40
68	Total discrimination of peritoneal malignant ascites from cirrhosis- and hepatocarcinoma-associated ascites by assays of ascitic cholesterol and lactate dehydrogenase. Clinical Chemistry, 1994, 40, 478-483.	3.2	39
69	A child cohort study from southern Italy enlarges the genetic spectrum of hypertrophic cardiomyopathy. Clinical Genetics, 2009, 76, 91-101.	2.0	39
70	Cracking the Code of Human Diseases Using Next-Generation Sequencing: Applications, Challenges, and Perspectives. BioMed Research International, 2015, 2015, 1-15.	1.9	39
71	Cloning of several cDNA segments coding for human liver proteins.. EMBO Journal, 1983, 2, 57-61.	7.8	37
72	Structural and functional analysis of aldolase B mutants related to hereditary fructose intolerance. FEBS Letters, 2002, 531, 152-156.	2.8	37

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73	Proteomic Profiling of a Biomimetic Drug Delivery Platform. Current Drug Targets, 2015, 16, 1540-1547.	2.1	37
74	Fas-Mediated Modulation of Bcr/Abl in Chronic Myelogenous Leukemia Results in Differential Effects on Apoptosis. Blood, 1998, 92, 981-989.	1.4	36
75	Cytometric and biochemical characterization of human breast cancer cells reveals heterogeneous myoepithelial phenotypes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 960-972.	1.5	36
76	Molecular Epidemiology of Phenylalanine Hydroxylase Deficiency in Southern Italy: a 96% Detection Rate with Ten Novel Mutations. Annals of Human Genetics, 2007, 71, 185-193.	0.8	35
77	Quality of Life (QoL) assessment in a cohort of patients with Phenylketonuria. BMC Public Health, 2014, 14, 1243.	2.9	35
78	An ancestral host defence peptide within human Î²-defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. Scientific Reports, 2016, 5, 18450.	3.3	35
79	Yield and clinical significance of genetic screening in elite and amateur athletes. European Journal of Preventive Cardiology, 2021, 28, 1081-1090.	1.8	35
80	Analysis of Dystrophin Gene Deletions Indicates that the Hinge III Region of the Protein Correlates with Disease Severity. Annals of Human Genetics, 2005, 69, 253-259.	0.8	35
81	Efficiency of Two Different Nine-Loci Short Tandem Repeat Systems for DNA Typing Purposes. Clinical Chemistry, 1999, 45, 178-183.	3.2	34
82	Decreased Paraoxonase-2 Expression in Human Carotids During the Progression of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 594-600.	2.4	34
83	Distribution of human Î²-defensin polymorphisms in various control and cystic fibrosis populations. Genomics, 2005, 85, 574-581.	2.9	33
84	Chimeric Beta-Defensin Analogs, Including the Novel 3NI Analog, Display Salt-Resistant Antimicrobial Activity and Lack Toxicity in Human Epithelial Cell Lines. Antimicrobial Agents and Chemotherapy, 2013, 57, 1701-1708.	3.2	33
85	Oropharyngeal microbiome evaluation highlights Neisseria abundance in active celiac patients. Scientific Reports, 2018, 8, 11047.	3.3	33
86	Structure and expression of mouse aldolase genes. Brain-specific aldolase C amino acid sequence is closely related to aldolase A. FEBS Journal, 1986, 156, 229-235.	0.2	32
87	Carotid Artery Remodeling in Middle-Aged Women With the Metabolic Syndrome (from the â€œProgetto) Tj ETQq1 1 0.784314 rgBT /O	1.6	32
88	De Novo Sequencing and Assembly of the Whole Genome of Novosphingobium sp. Strain PP1Y. Journal of Bacteriology, 2011, 193, 4296-4296.	2.2	32
89	ABCG2, a novel antigen to sort luminal progenitors of BRCA1- breast cancer cells. Molecular Cancer, 2014, 13, 213.	19.2	31
90	The multi-faceted aspects of the complex cardiac Nav1.5 protein in membrane function and pathophysiology. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1502-1509.	2.3	31

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91	Quantitative Analysis of Aldolase A mRNA in Liver Discriminates between Hepatocellular Carcinoma and Cirrhosis. Clinical Chemistry, 2000, 46, 901-906.	3.2	30
92	Rapid detection of mycoplasma in continuous cell lines using a selective biochemical test. Leukemia Research, 2008, 32, 323-326.	0.8	30
93	The first case of mitochondrial acetoacetyl-CoA thiolase deficiency identified by expanded newborn metabolic screening in Italy: the importance of an integrated diagnostic approach. Journal of Inherited Metabolic Disease, 2010, 33, 91-94.	3.6	30
94	Lessons to be learned from the clinical management of a <scp>MEN</scp> 2<scp>A</scp> patient bearing a novel 634/640/700 mutation of the <scp>RET</scp> protoâ€•oncogene. Clinical Endocrinology, 2012, 77, 934-936.	2.4	30
95	Design and activity of a cyclic mini-β-defensin analog: a novel antimicrobial tool. International Journal of Nanomedicine, 2015, 10, 6523.	6.7	30
96	Randomized controlled trial on the influence of dietary intervention on epigenetic mechanisms in children with cowâ€™s milk allergy: the EPICMA study. Scientific Reports, 2019, 9, 2828.	3.3	30
97	Histidine regulation in Salmonella typhimurium. Analytical Biochemistry, 1975, 63, 44-55.	2.4	29
98	Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes. Human Mutation, 2009, 30, E575-E590.	2.5	29
99	Functional and structural characterization of novel mutations and genotypeâ€“phenotype correlation in 51 phenylalanine hydroxylase deficient families from Southern Italy. FEBS Journal, 2009, 276, 2048-2059.	4.7	29
100	Altered expression of inflammation-related genes in human carotid atherosclerotic plaques. Atherosclerosis, 2012, 220, 93-101.	0.8	29
101	Modified Nucleosides in Body Fluids of Tumor-Bearing Patients. , 1983, 84, 360-377.		29
102	Differential distribution of aldolase A and C in the human central nervous system. Journal of Neurocytology, 2001, 30, 957-965.	1.5	28
103	Biological role of mannose binding lectin: From newborns to centenarians. Clinica Chimica Acta, 2015, 451, 78-81.	1.1	28
104	Early pregnancy loss in celiac women: The role of genetic markers of thrombophilia. Digestive and Liver Disease, 2009, 41, 717-720.	0.9	27
105	Hereditary fructose intolerance: functional study of two novel ALDOB natural variants and characterization of a partial gene deletion. Human Mutation, 2010, 31, 1294-1303.	2.5	27
106	Altered miRâ€193aâ€5p expression in children with cow's milk allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 379-386.	5.7	27
107	Characterization of two novel cell lines, DERL-2 (CD56+/CD3+/TCRÎ³Î´+) and DERL-7 (CD56+/CD3â^'/TCRÎ³Î´â^'), derived from a single patient with CD56+ non-Hodgkin's lymphoma. Leukemia, 2001, 15, 1641-1649.	7.2	26
108	Human aldolase A natural mutants: relationship between flexibility of the C-terminal region and enzyme function. Biochemical Journal, 2004, 380, 51-56.	3.7	26

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109	Altered brain protein expression profiles are associated with molecular neurological dysfunction in the <scp>PKU</scp> mouse model. Journal of Neurochemistry, 2014, 129, 1002-1012.	3.9	26
110	Biomarker discovery by proteomicsâ€based approaches for early detection and personalized medicine in colorectal cancer. Proteomics - Clinical Applications, 2017, 11, 1600072.	1.6	26
111	Changes in the MicroRNA Profile Observed in the Subcutaneous Adipose Tissue of Obese Patients after Laparoscopic Adjustable Gastric Banding. Journal of Obesity, 2017, 2017, 1-6.	2.7	26
112	Circular RNAs as Potential Biomarkers in Breast Cancer. Biomedicines, 2022, 10, 725.	3.2	26
113	Comparative biochemistry of deamination of l-amino acids in elasmobranch and teleost fish. Comparative Biochemistry and Physiology, 1965, 16, 303-309.	1.1	25
114	Diagnostic value of various serum antibodies detected by diverse methods in childhood celiac disease. Clinical Chemistry, 1996, 42, 1838-1842.	3.2	25
115	Six novel alleles identified in Italian hereditary fructose intolerance patients enlarge the mutation spectrum of the aldolase B gene. Human Mutation, 2004, 24, 534-534.	2.5	25
116	Citrulline Blood Levels as Indicators of Residual Intestinal Absorption in Patients with Short Bowel Syndrome. Annals of Nutrition and Metabolism, 2008, 53, 137-142.	1.9	25
117	Transcription Factor TBX1 Overexpression Induces Downregulation of Proteins Involved in Retinoic Acid Metabolism: A Comparative Proteomic Analysis. Journal of Proteome Research, 2009, 8, 1515-1526.	3.7	25
118	Functional Studies and In Silico Analyses to Evaluate Non-Coding Variants in Inherited Cardiomyopathies. International Journal of Molecular Sciences, 2016, 17, 1883.	4.1	25
119	Molecular basis of hereditary fructose intolerance in Italy: identification of two novel mutations in the aldolase B gene.. Journal of Medical Genetics, 1996, 33, 786-788.	3.2	24
120	Effect of lifelong football training on the expression of muscle molecular markers involved in healthy longevity. European Journal of Applied Physiology, 2017, 117, 721-730.	2.5	24
121	A new human species of aldolase A mRNA from fibroblasts. FEBS Journal, 1987, 164, 9-13.	0.2	23
122	The gamma-glutamyltransferase isoenzyme pattern in serum as a signal discriminating between hepatobiliary diseases, including neoplasias.. Clinical Chemistry, 1988, 34, 352-355.	3.2	23
123	Quality assessment in cytogenetic and molecular genetic testing: the experience of the Italian Project on Standardisation and Quality Assurance. Clinical Chemistry and Laboratory Medicine, 2004, 42, 915-21.	2.3	23
124	Prenatal diagnosis of inherited diseases: 20 yearsâ€™ experience of an Italian Regional Reference Centre. Clinical Chemistry and Laboratory Medicine, 2013, 51, 2211-2217.	2.3	23
125	Membrane Protein 4F2/CD98 Is a Cell Surface Receptor Involved in the Internalization and Trafficking of Human Î²-Defensin 3 in Epithelial Cells. Chemistry and Biology, 2015, 22, 217-228.	6.0	23
126	Multicenter validation study for the certification of a CFTR gene scanning method using next generation sequencing technology. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1046-1053.	2.3	23

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127	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. Analytica Chimica Acta, 2019, 1046, 154-162.	5.4	23
128	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. Pharmaceutics, 2020, 12, 559.	4.5	23
129	A novel fully human anti-NCL immunoRNase for triple-negative breast cancer therapy. Oncotarget, 2016, 7, 87016-87030.	1.8	23
130	Microbiome composition indicate dysbiosis and lower richness in tumor breast tissues compared to healthy adjacent paired tissue, within the same women. BMC Cancer, 2022, 22, 30.	2.6	23
131	Prevention of Ammonia Toxicity by Amino-acids concerned in the Biosynthesis of Urea. Nature, 1961, 191, 705-706.	27.8	22
132	Novel six-nucleotide deletion in the hepatic fructose-1,6-bisphosphate aldolase gene in a patient with hereditary fructose intolerance and enzyme structure-function implications. European Journal of Human Genetics, 1999, 7, 409-414.	2.8	22
133	A Mannose-Binding Lectin-Defective Haplotype Is a Risk Factor for Gastric Cancer. Clinical Chemistry, 2006, 52, 1625-1627.	3.2	22
134	Quantitative liquid chromatography coupled with tandem mass spectrometry analysis of urinary acylglycines: Application to the diagnosis of inborn errors of metabolism. Analytical Biochemistry, 2011, 417, 122-128.	2.4	22
135	PEGylated helper-dependent adenoviral vector expressing human Apo A-I for gene therapy in LDLR-deficient mice. Gene Therapy, 2013, 20, 1124-1130.	4.5	22
136	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.	2.2	22
137	Quantitive analysis of S-adenosylhomocysteine in liver. Biochimica Et Biophysica Acta - General Subjects, 1968, 158, 461-464.	2.4	21
138	Reference Intervals for Eight Modified Nucleosides in Serum in a Healthy Population from Italy and the United States. Clinical Chemistry, 1992, 38, 671-677.	3.2	21
139	Differential diagnosis between hepatocellular carcinoma and cirrhosis through a discriminant function based on results for serum analytes. Clinical Chemistry, 1996, 42, 1263-1269.	3.2	21
140	Molecular epidemiology of cystic fibrosis mutations and haplotypes in southern Italy evaluated with an improved semiautomated robotic procedure.. Journal of Medical Genetics, 1996, 33, 475-479.	3.2	21
141	JURL-MK1 (c-kithigh/CD30â^'/CD40â^') and JURL-MK2 (c-kitlow/CD30+/CD40+) cell lines: â€˜two-sidedâ€™ model for investigating leukemic megakaryocytopoiesis. Leukemia, 1997, 11, 1554-1564.	7.2	21
142	Evaluation of circulating levels and renal clearance of natural amino acids in patients with Cushingâ€™s disease. Journal of Endocrinological Investigation, 2002, 25, 142-151.	3.3	21
143	Genetic analysis in a family affected by sick sinus syndrome may reduce the sudden death risk in a young aspiring competitive athlete. International Journal of Cardiology, 2014, 170, e63-e65.	1.7	21
144	A common polymorphism in the SCN5A gene is associated with dilated cardiomyopathy. Journal of Cardiovascular Medicine, 2018, 19, 344-350.	1.5	21

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145	Improved procedure for measuring gamma-glutamyltransferase isoenzymes in serum.. Clinical Chemistry, 1988, 34, 419-422.	3.2	20
146	Characterization of the transcription-initiation site and of the promoter region within the 5' flanking region of the human aldolase C gene. FEBS Journal, 1990, 192, 805-811.	0.2	20
147	Natural phenylalanine hydroxylase variants that confer a mild phenotype affect the enzyme's conformational stability and oligomerization equilibrium. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1435-1445.	3.8	20
148	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.	4.1	20
149	Unexplained sudden cardiac arrest in children: clinical and genetic characteristics of survivors. European Journal of Preventive Cardiology, 2021, 28, 1134-1137.	1.8	20
150	Purification and properties of several transfer RNA methyltransferases fromS. typhimurium. Molecular and Cellular Biochemistry, 1981, 36, 95-104.	3.1	19
151	Diagnostic efficiency in discriminating liver malignancies from cirrhosis by serum gamma-glutamyltransferase isoforms. Clinica Chimica Acta, 1988, 177, 167-172.	1.1	19
152	Novel mutations and structural implications in R-type pyruvate kinase-deficient patients from southern Italy. Human Mutation, 1998, 11, 127-134.	2.5	19
153	A case of discordance between genotype and phenotype in a malignant hyperthermia family. European Journal of Human Genetics, 1999, 7, 415-420.	2.8	19
154	Functional and molecular modelling studies of two hereditary fructose intolerance-causing mutations at arginine 303 in human liver aldolase. Biochemical Journal, 2000, 350, 823-828.	3.7	19
155	Denaturing HPLC Procedure for Factor IX Gene Scanning. Clinical Chemistry, 2003, 49, 815-818.	3.2	19
156	A Larger Spectrum of Intragenic Short Tandem Repeats Improves Linkage Analysis and Localization of Intragenic Recombination Detection in the Dystrophin Gene. Journal of Molecular Diagnostics, 2007, 9, 64-69.	2.8	19
157	Nano-bio interface between human plasma and niosomes with different formulations indicates protein corona patterns for nanoparticle cell targeting and uptake. Nanoscale, 2021, 13, 5251-5269.	5.6	19
158	Formation of uric acid from adenosylhomocysteine in rat liver. International Journal of Biochemistry & Cell Biology, 1974, 5, 535-545.	0.5	18
159	Identification of a novel mutation in the ryanodine receptor gene (RYR1) in a malignant hyperthermia Italian family. European Journal of Human Genetics, 2000, 8, 149-152.	2.8	18
160	Haemophilia B: From Molecular Diagnosis to Gene Therapy. Clinical Chemistry and Laboratory Medicine, 2003, 41, 445-51.	2.3	18
161	Carcinoembryonic antigen mRNA analysis detects micrometastatic cells in blood from lung cancer patients: Table 1. European Respiratory Journal, 2003, 22, 418-421.	6.7	18
162	Holtâ€“Oram syndrome associated with anomalies of the feet. American Journal of Medical Genetics, Part A, 2008, 146A, 1185-1189.	1.2	18

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163	Therapeutic angiogenesis in diabetic apolipoprotein E-deficient mice using bone marrow cells, functional hemangioblasts and metabolic intervention. Atherosclerosis, 2010, 209, 403-414.	0.8	18
164	No Change in the Mucosal Gut Microbiome is Associated With Celiac Disease-Specific Microbiome Alteration in Adult Patients. American Journal of Gastroenterology, 2016, 111, 1659-1661.	0.4	18
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