Francesco Salvatore

List of Publications by Year in Descending Order

320 papers	8,034 citations	44 h-index	71 g-index
328 ext. papers	9,067 ext. citations	5.5 avg, IF	5.65 L-index

#	Paper	IF	Citations
320	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	4.8	3
319	Circular RNAs as Potential Biomarkers in Breast Cancer.. *Biomedicines*, **2022**, 10,	4.8	1
318	A novel smaller β-defensin-derived peptide is active against multidrug-resistant bacterial strains. *FASEB Journal*, **2021**, 35, e22026	0.9	1
317	Potential role of imaging markers in predicting future disease expression of arrhythmogenic cardiomyopathy. *Future Cardiology*, **2021**, 17, 647-654	1.3	5
316	Nutritional Controlled Preparation and Administration of Different Tomato Purées Indicate Increase of β-Carotene and Lycopene Isoforms, and of Antioxidant Potential in Human Blood Bioavailability: A Pilot Study. *Nutrients*, **2021**, 13,	6.7	3
315	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	7.7	8
314	Genetic evaluation in athletes and cascade family screening: reply. *European Journal of Preventive Cardiology*, **2021**,	3.9	2
313	Genotype-Phenotype Correlation: A Triple DNA Mutational Event in a Boy Entering Sport Conveys an Additional Pathogenicity Risk. *Genes*, **2020**, 11,	4.2	10
312	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. *Pharmaceutics*, **2020**, 12,	6.4	11
311	Yield and clinical significance of genetic screening in elite and amateur athletes. *European Journal of Preventive Cardiology*, **2020**, 2047487320934265	3.9	16
310	The shift of the paradigm between ageing and diseases. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, 1635-1644	5.9	5
309	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. *Journal of Sports Medicine and Physical Fitness*, **2020**, 60, 1261-1268	1.4	0
308	The abundance of the long intergenic non-coding RNA 01087 differentiates between luminal and triple-negative breast cancers and predicts patient outcome. *Pharmacological Research*, **2020**, 161, 105249	10.2	8
307	Unexplained sudden cardiac arrest in children: clinical and genetic characteristics of survivors. *European Journal of Preventive Cardiology*, **2020**, 2047487320940863	3.9	11
306	Crosstalk between 14-3-3ζ and AF4 enhances MLL-AF4 activity and promotes leukemia cell proliferation. *Cellular Oncology (Dordrecht)*, **2019**, 42, 829-845	7.2	2
305	Sequence Variants in Myopathies: Expression and Functional Studies in Two Families. *BioMed Research International*, **2019**, 2019, 7638946	3	4
304	The Molecular Hallmarks of the Serrated Pathway in Colorectal Cancer. *Cancers*, **2019**, 11,	6.6	54

303	Hypermethioninemia in Campania: Results from 10 years of newborn screening. *Molecular Genetics and Metabolism Reports*, **2019**, 21, 100520	1.8	1
302	A Functional Analysis of the Unclassified Pro2767Ser BRCA2 Variant Reveals Its Potential Pathogenicity that Acts by Hampering DNA Binding and Homology-Mediated DNA Repair. *Cancers*, **2019**, 11,	6.6	5
301	Randomized controlled trial on the influence of dietary intervention on epigenetic mechanisms in children with cowM milk allergy: the EPICMA study. *Scientific Reports*, **2019**, 9, 2828	4.9	21
300	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	6.6	10
299	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	5.9	15
298	Altered miR-193a-5p expression in children with cowM milk allergy. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 379-386	9.3	20
297	Oropharyngeal microbiome evaluation highlights Neisseria abundance in active celiac patients. *Scientific Reports*, **2018**, 8, 11047	4.9	20
296	Molecular diagnosis of Brugada syndrome via next-generation sequencing of a multigene panel in a young athlete. *Medicina Dello Sport*, **2018**, 71,	1.9	2
295	Impact of molecular diagnostics in an asymptomatic amateur athlete found to be affected by hypertrophic cardiomyopathy. *Medicina Dello Sport*, **2018**, 71,	1.9	3
294	Unraveling unusual X-chromosome patterns during fragile-X syndrome genetic testing. *Clinica Chimica Acta*, **2018**, 476, 167-172	6.2	4
293	A common polymorphism in the SCN5A gene is associated with dilated cardiomyopathy. *Journal of Cardiovascular Medicine*, **2018**, 19, 344-350	1.9	13
292	Clinical and genetic characterization of patients with hypertrophic cardiomyopathy and right atrial enlargement. *Journal of Cardiovascular Medicine*, **2017**, 18, 249-254	1.9	7
291	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. *Journal of Peptide Science*, **2017**, 23, 303-310	2.1	7
290	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	33
289	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	3.4	17
288	Unveiling the in Vivo Protein Corona of Circulating Leukocyte-like Carriers. *ACS Nano*, **2017**, 11, 3262-3273	13.7	87
287	Biomarker discovery by proteomics-based approaches for early detection and personalized medicine in colorectal cancer. *Proteomics - Clinical Applications*, **2017**, 11, 1600072	3.1	20
286	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,	6.3	15

285	Engineered biomimetic nanovesicles show intrinsic anti-inflammatory properties for the treatment of inflammatory bowel diseases. *Nanoscale*, **2017**, 9, 14581-14591	7.7	41
284	The SEeMORE strategy: single-tube electrophoresis analysis-based genotyping to detect monogenic diseases rapidly and effectively from conception until birth. *Clinical Chemistry and Laboratory Medicine*, **2017**, 56, 40-50	5.9	8
283	Proteotoxicity in cardiac amyloidosis: amyloidogenic light chains affect the levels of intracellular proteins in human heart cells. *Scientific Reports*, **2017**, 7, 15661	4.9	37
282	A rare case of sterol-C4-methyl oxidase deficiency in a young Italian male: Biochemical and molecular characterization. *Molecular Genetics and Metabolism*, **2017**, 121, 329-335	3.7	5
281	miR-138/miR-222 Overexpression Characterizes the miRNome of Amniotic Mesenchymal Stem Cells in Obesity. *Stem Cells and Development*, **2017**, 26, 4-14	4.4	15
280	"Classical organic acidurias": diagnosis and pathogenesis. *Clinical and Experimental Medicine*, **2017**, 17, 305-323	4.9	43
279	Sex-Comparative Analysis of the miRNome of Human Amniotic Mesenchymal Stem Cells During Obesity. *Stem Cells and Development*, **2017**, 26, 1-3	4.4	8
278	The Cause of Death of a Child in the 18th Century Solved by Bone Microbiome Typing Using Laser Microdissection and Next Generation Sequencing. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	6
277	Allelic Complexity in Long QT Syndrome: A Family-Case Study. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	2
276	Changes in the MicroRNA Profile Observed in the Subcutaneous Adipose Tissue of Obese Patients after Laparoscopic Adjustable Gastric Banding. *Journal of Obesity*, **2017**, 2017, 6754734	3.7	18
275	Towards the identification of the allosteric Phe-binding site in phenylalanine hydroxylase. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 497-507	3.6	7
274	RBM5-AS1 Is Critical for Self-Renewal of Colon Cancer Stem-like Cells. *Cancer Research*, **2016**, 76, 5615-5627	9.1	44
273	Biomimetic carriers mimicking leukocyte plasma membrane to increase tumor vasculature permeability. *Scientific Reports*, **2016**, 6, 34422	4.9	76
272	Epigenetic features of FoxP3 in children with cow's milk allergy. *Clinical Epigenetics*, **2016**, 8, 86	7.7	66
271	No Change in the Mucosal Gut Mycobioma Is Associated with Celiac Disease-Specific Microbiome Alteration in Adult Patients. *American Journal of Gastroenterology*, **2016**, 111, 1659-1661	0.7	15
270	A First Look at an Automated Pipeline for NGS-Based Breast-Cancer Diagnosis: The CArDIGAN Approach **2016**,		1
269	The impact of nanoparticle protein corona on cytotoxicity, immunotoxicity and target drug delivery. *Nanomedicine*, **2016**, 11, 81-100	5.6	368
268	One-pot synthesis of pH-responsive hybrid nanogel particles for the intracellular delivery of small interfering RNA. *Biomaterials*, **2016**, 87, 57-68	15.6	55

267	A novel fully human anti-NCL immunoRNase for triple-negative breast cancer therapy. *Oncotarget*, **2016**, 7, 87016-87030	3.3	18
266	Effects of the protein corona on liposome-liposome and liposome-cell interactions. *International Journal of Nanomedicine*, **2016**, 11, 3049-63	7.3	50
265	Functional Studies and In Silico Analyses to Evaluate Non-Coding Variants in Inherited Cardiomyopathies. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	19
264	A Novel Pathogenic BRCA1 Splicing Variant Produces Partial Intron Retention in the Mature Messenger RNA. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	7
263	Mulibrey nanism: Two novel mutations in a child identified by Array CGH and DNA sequencing. *American Journal of Medical Genetics, Part A*, **2016**, 170, 2196-9	2.5	7
262	The complete 12 Mb genome and transcriptome of Nonomuraea gerenzanensis with new insights into its duplicated "magic" RNA polymerase. *Scientific Reports*, **2016**, 6, 18	4.9	29
261	SLC26A4 genotypes associated with enlarged vestibular aqueduct malformation in south Italian children with sensorineural hearing loss. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, e259-63	5.9	2
260	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic N. flavescens Strain in Duodenum of Adult Celiac Patients. *American Journal of Gastroenterology*, **2016**, 111, 879-90	0.7	94
259	The role of the gut microbiome in the healthy adult status. *Clinica Chimica Acta*, **2015**, 451, 97-102	6.2	232
258	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, 1502-9	4	25
257	Enabling cytoplasmic delivery and organelle targeting by surface modification of nanocarriers. *Nanomedicine*, **2015**, 10, 1923-40	5.6	52
256	Human anti-nucleolin recombinant immunoagent for cancer therapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 9418-23	11.5	45
255	The molecular analysis of BRCA1 and BRCA2: Next-generation sequencing supersedes conventional approaches. *Clinica Chimica Acta*, **2015**, 446, 221-5	6.2	45
254	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. *Clinical Epigenetics*, **2015**, 7, 38	7.7	52
253	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, 263-72	11.7	53
252	A role for D-aspartate oxidase in schizophrenia and in schizophrenia-related symptoms induced by phencyclidine in mice. *Translational Psychiatry*, **2015**, 5, e512	8.6	34
251	Novel mitochondrial protein interactors of immunoglobulin light chains causing heart amyloidosis. *FASEB Journal*, **2015**, 29, 4614-28	0.9	43
250	Late diagnosis of Fabry disease caused by a de novo mutation in a patient with end stage renal disease. *BMC Research Notes*, **2015**, 8, 711	2.3	5

249	Design and activity of a cyclic mini-Ddefensin analog: a novel antimicrobial tool. *International Journal of Nanomedicine*, **2015**, 10, 6523-39	7.3	24
248	Cracking the Code of Human Diseases Using Next-Generation Sequencing: Applications, Challenges, and Perspectives. *BioMed Research International*, **2015**, 2015, 161648	3	30
247	Biological role of mannose binding lectin: From newborns to centenarians. *Clinica Chimica Acta*, **2015**, 451, 78-81	6.2	20
246	Membrane protein 4F2/CD98 is a cell surface receptor involved in the internalization and trafficking of human Defensin 3 in epithelial cells. *Chemistry and Biology*, **2015**, 22, 217-28		20
245	Targeted metabolomics in the expanded newborn screening for inborn errors of metabolism. *Molecular BioSystems*, **2015**, 11, 1525-35		54
244	Proteomic Profiling of a Biomimetic Drug Delivery Platform. *Current Drug Targets*, **2015**, 16, 1540-7	3	33
243	Photoletter to the editor: Lamellar ichthyosis and arthrogryposis in a premature neonate. *Journal of Dermatological Case Reports*, **2015**, 9, 49-51		1
242	Oncoproteomic Approaches to Cancer Marker Discovery: The Case of Colorectal Cancer. *Biomarkers in Disease*, **2015**, 53-71		2
241	Carcinoembryonic Antigen Family Cell Adhesion Molecules (CEACAM) as Colorectal Cancer Biomarkers. *Biomarkers in Disease*, **2015**, 685-705		1
240	An ancestral host defence peptide within human defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. *Scientific Reports*, **2015**, 5, 18450	4.9	30
239	Should a BRCA2 stop codon human variant, usually considered a polymorphism, be classified as a predisposing mutation?. *Cancer*, **2014**, 120, 1594-5	6.4	4
238	DNA sequence capture and next-generation sequencing for the molecular diagnosis of genetic cardiomyopathies. *Journal of Molecular Diagnostics*, **2014**, 16, 32-44	5.1	36
237	Significance of sarcomere gene mutations analysis in the end-stage phase of hypertrophic cardiomyopathy. *American Journal of Cardiology*, **2014**, 114, 769-76	3	56
236	Complete sequencing of Novosphingobium sp. PP1Y reveals a biotechnologically meaningful metabolic pattern. *BMC Genomics*, **2014**, 15, 384	4.5	35
235	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, e63-5	3.2	19
234	The personal human oral microbiome obscures the effects of treatment on periodontal disease. *PLoS ONE*, **2014**, 9, e86708	3.7	66
233	Quality of Life (QoL) assessment in a cohort of patients with phenylketonuria. *BMC Public Health*, **2014**, 14, 1243	4.1	25
232	Child neurology: Recurrent rhabdomyolysis due to a fatty acid oxidation disorder. *Neurology*, **2014**, 82, e1-4	6.5	7

231	Comparative metagenomic analysis of human gut microbiome composition using two different bioinformatic pipelines. *BioMed Research International*, **2014**, 2014, 325340	3	44
230	Functional foods and cardiometabolic diseases* International Task Force for Prevention of Cardiometabolic Diseases. *Nutrition, Metabolism and Cardiovascular Diseases*, **2014**, 24, 1272-300	4.5	25
229	Altered brain protein expression profiles are associated with molecular neurological dysfunction in the PKU mouse model. *Journal of Neurochemistry*, **2014**, 129, 1002-12	6	24
228	ABCG2, a novel antigen to sort luminal progenitors of BRCA1- breast cancer cells. *Molecular Cancer*, **2014**, 13, 213	42.1	24
227	A novel anti-aldolase C antibody specifically interacts with residues 85-102 of the protein. *MAbs*, **2014**, 6, 708-17	6.6	4
226	Pearls & oy-sters: familial epileptic encephalopathy due to methylenetetrahydrofolate reductase deficiency. *Neurology*, **2014**, 83, e41-4	6.5	6
225	Identification of a deletion in the NDUFS4 gene using array-comparative genomic hybridization in a patient with suspected mitochondrial respiratory disease. *Gene*, **2014**, 535, 376-9	3.8	15
224	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	3.7	22
223	Carcinoembryonic Antigen-Family Cell Adhesion Molecules (CEACAM) as Colorectal Cancer Biomarkers **2014**, 1-17		
222	Oncoproteomic Approaches to Cancer Marker Discovery: The Case of Colorectal Cancer **2014**, 1-15		
221	Different TGM1 mutation spectra in Italian and Portuguese patients with autosomal recessive congenital ichthyosis: evidence of founder effects in Portugal. *British Journal of Dermatology*, **2013**, 168, 1364-7	4	3
220	A 15-year case-mix experience for fragile X syndrome molecular diagnosis and comparison between conventional and alternative techniques leading to a novel diagnostic procedure. *Clinica Chimica Acta*, **2013**, 417, 85-9	6.2	7
219	CD66c is a novel marker for colorectal cancer stem cell isolation, and its silencing halts tumor growth in vivo. *Cancer*, **2013**, 119, 729-38	6.4	53
218	SRp20: an overview of its role in human diseases. *Biochemical and Biophysical Research Communications*, **2013**, 436, 1-5	3.4	46
217	Novel deletion mutation in the cardiac sodium channel inactivation gate causes long QT syndrome. *International Journal of Cardiology*, **2013**, 165, 362-5	3.2	7
216	Prenatal diagnosis of cystic fibrosis: an experience of 181 cases. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 2227-32	5.9	10
215	An altered gut microbiome profile in a child affected by Crohn's disease normalized after nutritional therapy. *American Journal of Gastroenterology*, **2013**, 108, 851-2	0.7	49
214	Prenatal molecular diagnosis of inherited neuromuscular diseases: Duchenne/Becker muscular dystrophy, myotonic dystrophy type 1 and spinal muscular atrophy. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 2239-45	5.9	11

213	Identification of Annexin A1 interacting proteins in chronic myeloid leukemia KCL22 cells. *Proteomics*, **2013**, 13, 2414-8	4.8	7
212	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, 1701-8	5.9	30
211	Prenatal diagnosis of inherited diseases: 20 years' experience of an Italian Regional Reference Centre. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 2211-7	5.9	18
210	PEGylated helper-dependent adenoviral vector expressing human Apo A-I for gene therapy in LDLR-deficient mice. *Gene Therapy*, **2013**, 20, 1124-30	4	19
209	Structural features of the regulatory ACT domain of phenylalanine hydroxylase. *PLoS ONE*, **2013**, 8, e79482	3.7	16
208	Serum from humans on long-term calorie restriction enhances stress resistance in cell culture. *Aging*, **2013**, 5, 599-606	5.6	16
207	Altered expression of inflammation-related genes in human carotid atherosclerotic plaques. *Atherosclerosis*, **2012**, 220, 93-101	3.1	26
206	Lessons to be learned from the clinical management of a MEN 2A patient bearing a novel 634/640/700 mutation of the RET proto-oncogene. *Clinical Endocrinology*, **2012**, 77, 934-6	3.4	27
205	Protein cross-talk in CD133+ colon cancer cells indicates activation of the Wnt pathway and upregulation of SRp20 that is potentially involved in tumorigenicity. *Proteomics*, **2012**, 12, 2045-59	4.8	44
204	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**, 81, 960-72	4.6	28
203	Combined CD133/CD44 expression as a prognostic indicator of disease-free survival in patients with colorectal cancer. *Archives of Surgery*, **2012**, 147, 18-24		53
202	Reversal of metabolic and neurological symptoms of phenylketonuric mice treated with a PAH containing helper-dependent adenoviral vector. *Current Gene Therapy*, **2012**, 12, 48-56	4.3	12
201	A novel DHPLC-based procedure for the analysis of COL1A1 and COL1A2 mutations in osteogenesis imperfecta. *Journal of Molecular Diagnostics*, **2011**, 13, 648-56	5.1	12
200	Serum withdrawal after embryoid body formation does not impair cardiomyocyte development from mouse embryonic stem cells. *Cytotherapy*, **2011**, 13, 350-6	4.8	2
199	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, 1435-45	6.9	17
198	Efficacy of pharmacological treatment and genetic characterization in early diagnosed patients affected by long QT syndrome with impaired AV conduction. *International Journal of Cardiology*, **2011**, 149, 109-13	3.2	6
197	Protein network study of human AF4 reveals its central role in RNA Pol II-mediated transcription and in phosphorylation-dependent regulatory mechanisms. *Biochemical Journal*, **2011**, 438, 121-31	3.8	6
196	Solid-phase synthesis and pharmacological evaluation of novel nucleoside-tethered dinuclear platinum(II) complexes. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 5835-8	2.9	14

195	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, 122-8	3.1	17
194	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, 1460-9	4.7	47
193	De novo sequencing and assembly of the whole genome of Novosphingobium sp. strain PP1Y. *Journal of Bacteriology*, **2011**, 193, 4296	3.5	27
192	A 15-year molecular analysis of DMD/BMD: genetic features in a large cohort. *Frontiers in Bioscience - Elite*, **2010**, 2, 547-58	1.6	8
191	Novel synthetic, salt-resistant analogs of human beta-defensins 1 and 3 endowed with enhanced antimicrobial activity. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 2312-22	5.9	89
190	Therapeutic angiogenesis in diabetic apolipoprotein E-deficient mice using bone marrow cells, functional hemangioblasts and metabolic intervention. *Atherosclerosis*, **2010**, 209, 403-14	3.1	17
189	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 Suppl 3, S91-4	5.4	27
188	Identification and functional characterization of malignant hyperthermia mutation T1354S in the outer pore of the Cavalpha1S-subunit. *American Journal of Physiology - Cell Physiology*, **2010**, 299, C1345-54	5.4	46
187	Hereditary fructose intolerance: functional study of two novel ALDOB natural variants and characterization of a partial gene deletion. *Human Mutation*, **2010**, 31, 1294-303	4.7	18
186	Gaining insights into the Bcr-Abl activity-independent mechanisms of resistance to imatinib mesylate in KCL22 cells: a comparative proteomic approach. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2010**, 1804, 1974-87	4	14
185	Genetic modifiers of liver disease in cystic fibrosis. *JAMA - Journal of the American Medical Association*, **2009**, 302, 1076-83	27.4	193
184	Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes. *Human Mutation*, **2009**, 30, E575-90	4.7	24
183	Functional and structural characterization of novel mutations and genotype-phenotype correlation in 51 phenylalanine hydroxylase deficient families from Southern Italy. *FEBS Journal*, **2009**, 276, 2048-59	5.7	27
182	A child cohort study from southern Italy enlarges the genetic spectrum of hypertrophic cardiomyopathy. *Clinical Genetics*, **2009**, 76, 91-101	4	30
181	Transcription factor TBX1 overexpression induces downregulation of proteins involved in retinoic acid metabolism: a comparative proteomic analysis. *Journal of Proteome Research*, **2009**, 8, 1515-26	5.6	25
180	Autosomal recessive congenital ichthyosis and congenital hypothyroidism in a Tunisian patient with a nonsense mutation in TGM1. *Journal of Dermatological Science*, **2009**, 55, 128-30	4.3	7
179	Early pregnancy loss in celiac women: The role of genetic markers of thrombophilia. *Digestive and Liver Disease*, **2009**, 41, 717-20	3.3	22
178	Microbial diversity in natural whey cultures used for the production of Caciocavallo Silano PDO cheese. *International Journal of Food Microbiology*, **2008**, 124, 164-70	5.8	72

177	Five human phenylalanine hydroxylase proteins identified in mild hyperphenylalaninemia patients are disease-causing variants. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2008**, 1782, 378-84	6.9	10
176	Citrulline blood levels as indicators of residual intestinal absorption in patients with short bowel syndrome. *Annals of Nutrition and Metabolism*, **2008**, 53, 137-42	4.5	21
175	Decreased paraoxonase-2 expression in human carotids during the progression of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 594-600	9.4	31
174	Holt-Oram syndrome associated with anomalies of the feet. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 1185-9	2.5	15
173	Rapid detection of mycoplasma in continuous cell lines using a selective biochemical test. *Leukemia Research*, **2008**, 32, 323-6	2.7	26
172	A larger spectrum of intragenic short tandem repeats improves linkage analysis and localization of intragenic recombination detection in the dystrophin gene: an analysis of 93 families from southern Italy. *Journal of Molecular Diagnostics*, **2007**, 9, 64-9	5.1	14
171	Molecular epidemiology of phenylalanine hydroxylase deficiency in Southern Italy: a 96% detection rate with ten novel mutations. *Annals of Human Genetics*, **2007**, 71, 185-93	2.2	31
170	Haemophilia A: molecular insights. *Clinical Chemistry and Laboratory Medicine*, **2007**, 45, 450-61	5.9	39
169	A mannose-binding lectin-defective haplotype is a risk factor for gastric cancer. *Clinical Chemistry*, **2006**, 52, 1625-7	5.5	20
168	Characterization of red cell membrane proteins as a function of red cell density: annexin VII in different forms of hereditary spherocytosis. *FEBS Letters*, **2006**, 580, 6527-32	3.8	13
167	Hereditary fructose intolerance and celiac disease: a novel genetic association. *Clinical Gastroenterology and Hepatology*, **2006**, 4, 635-8	6.9	11
166	Phenotypic discordance in three siblings affected by atypical cystic fibrosis with the F508del/D614G genotype. *Journal of Cystic Fibrosis*, **2006**, 5, 193-5	4.1	8
165	Partial purification and MALDI-TOF MS analysis of UN1, a tumor antigen membrane glycoprotein. *International Journal of Biological Macromolecules*, **2006**, 39, 122-6	7.9	6
164	CMRL-T, a novel T-cell line showing asynchronous phenotype (CD34(+)/CD1a(-)/TCRalphabeta(+)) and dual T-cell receptor beta chain. *Leukemia*, **2006**, 20, 2175-7	10.7	2
163	Distribution of human beta-defensin polymorphisms in various control and cystic fibrosis populations. *Genomics*, **2005**, 85, 574-81	4.3	29
162	Unraveling the structural and functional features of an aldolase A mutant involved in the hemolytic anemia and severe rhabdomyolysis reported in a child. *Blood*, **2005**, 105, 905-6	2.2	4
161	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, 628-35	10.7	77
160	Carotid artery remodeling in middle-aged women with the metabolic syndrome (from the "Progetto ATENA" study). *American Journal of Cardiology*, **2005**, 96, 1162-5	3	32

159	Phenotypic expression of genotype-phenotype correlation in cystic fibrosis patients carrying the 852del22 mutation. *American Journal of Medical Genetics, Part A*, **2005**, 132A, 434-40	2.5	5
158	Isolated elevated sweat chloride concentrations in the presence of the rare mutation S1455X: an extremely mild form of CFTR dysfunction. *American Journal of Medical Genetics, Part A*, **2005**, 133A, 207-8	2.5	9
157	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	2.2	35
156	Comprehensive cystic fibrosis mutation epidemiology and haplotype characterization in a southern Italian population. *Annals of Human Genetics*, **2005**, 69, 15-24	2.2	38
155	Ischemic neoangiogenesis enhanced by beta2-adrenergic receptor overexpression: a novel role for the endothelial adrenergic system. *Circulation Research*, **2005**, 97, 1182-9	15.7	140
154	Analysis of dystrophin gene deletions indicates that the hinge III region of the protein correlates with disease severity. *Annals of Human Genetics*, **2005**, 69, 253-9	2.2	29
153	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	5.9	22
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