

Donato Gemmati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/580785/publications.pdf>

Version: 2024-02-01

84
papers

3,186
citations

136885

32
h-index

168321

53
g-index

84
all docs

84
docs citations

84
times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 and Individual Genetic Susceptibility/Receptivity: Role of ACE1/ACE2 Genes, Immunity, Inflammation and Coagulation. Might the Double X-Chromosome in Females Be Protective against SARS-CoV-2 Compared to the Single X-Chromosome in Males?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3474.	1.8	290
2	Risk of venous thromboembolism associated with single and combined effects of Factor V Leiden, Prothrombin 20210A and Methylenetetrahydrofolate reductase C677T: a meta-analysis involving over 11,000 cases and 21,000 controls. <i>European Journal of Epidemiology</i> , 2013, 28, 621-647.	2.5	141
3	Value of Platelet Reactivity in Predicting Response to Treatment and Clinical Outcome in Patients Undergoing Primary Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2178-2185.	1.2	140
4	Effects of Electromagnetic Fields on Proteoglycan Metabolism of Bovine Articular Cartilage Explants. <i>Connective Tissue Research</i> , 2003, 44, 154-159.	1.1	116
5	A common mutation in the gene for coagulation factor XIII-A (VAL34Leu): A risk factor for primary intracerebral hemorrhage is protective against atherothrombotic diseases. <i>American Journal of Hematology</i> , 2001, 67, 183-188.	2.0	97
6	Gene polymorphisms in folate metabolizing enzymes in adult acute lymphoblastic leukemia: effects on methotrexate-related toxicity and survival. <i>Haematologica</i> , 2009, 94, 1391-1398.	1.7	96
7	Genetic Association and Altered Gene Expression of Mir-155 in Multiple Sclerosis Patients. <i>International Journal of Molecular Sciences</i> , 2011, 12, 8695-8712.	1.8	93
8	Hemochromatosis C282Y gene mutation increases the risk of venous leg ulceration. <i>Journal of Vascular Surgery</i> , 2005, 42, 309-314.	0.6	89
9	Poor Responsiveness to Clopidogrel: Drug-Specific or Class-Effect Mechanism?. <i>Journal of the American College of Cardiology</i> , 2007, 50, 1132-1137.	1.2	82
10	Redox metals homeostasis in multiple sclerosis and amyotrophic lateral sclerosis: a review. <i>Cell Death and Disease</i> , 2018, 9, 348.	2.7	82
11	Proteoglycan synthesis in bovine articular cartilage explants exposed to different low-frequency low-energy pulsed electromagnetic fields. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 163-168.	0.6	78
12	Effects of physical stimulation with electromagnetic field and insulin growth factor-I treatment on proteoglycan synthesis of bovine articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 793-800.	0.6	75
13	Low Folate Levels and Thermolabile Methylenetetrahydrofolate Reductase as Primary Determinant of Mild Hyperhomocystinemia in Normal and Thromboembolic Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1761-1767.	1.1	70
14	Detection of two missense mutations and characterization of a repeat polymorphism in the factor VII gene (F7). <i>Human Genetics</i> , 1992, 89, 497-502.	1.8	66
15	“Bridging the Gap” Everything that Could Have Been Avoided If We Had Applied Gender Medicine, Pharmacogenetics and Personalized Medicine in the Gender-Omics and Sex-Omics Era. <i>International Journal of Molecular Sciences</i> , 2020, 21, 296.	1.8	63
16	Common gene polymorphisms in the metabolic folate and methylation pathway and the risk of acute lymphoblastic leukemia and non-Hodgkin's lymphoma in adults. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 787-94.	1.1	56
17	Tissue Factor and Coagulation Factor VII Levels During Acute Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2800-2806.	1.1	53
18	Methylenetetrahydrofolate reductase C677T and A1298C gene variants in adult non-Hodgkin's lymphoma patients: association with toxicity and survival. <i>Haematologica</i> , 2007, 92, 478-485.	1.7	53

#	ARTICLE	IF	CITATIONS
19	Genetic Hypothesis and Pharmacogenetics Side of Renin-Angiotensin-System in COVID-19. <i>Genes</i> , 2020, 11, 1044.	1.0	52
20	DNA-array of gene variants in venous leg ulcers: Detection of prognostic indicators. <i>Journal of Vascular Surgery</i> , 2009, 50, 1444-1451.	0.6	49
21	Review: Interplay of Iron Metallobiology, Metalloproteinases, and FXIII, and Role of Their Gene Variants in Venous Leg Ulcer. <i>International Journal of Lower Extremity Wounds</i> , 2010, 9, 166-179.	0.6	48
22	Sustainable Agriculture through Multidisciplinary Seed Nanoprimering: Prospects of Opportunities and Challenges. <i>Cells</i> , 2021, 10, 2428.	1.8	48
23	Prognostic role of factor XIII gene variants in nonhealing venous leg ulcers. <i>Journal of Vascular Surgery</i> , 2006, 44, 815-819.	0.6	45
24	Investigation of in vitro cytotoxicity of the redox state of ionic iron in neuroblastoma cells. <i>Journal of Neurosciences in Rural Practice</i> , 2012, 03, 301-310.	0.3	45
25	Effects of electromagnetic fields on proteoglycan metabolism of bovine articular cartilage explants. <i>Connective Tissue Research</i> , 2003, 44, 154-9.	1.1	44
26	Factor XIII V34L polymorphism modulates the risk of chronic venous leg ulcer progression and extension. <i>Wound Repair and Regeneration</i> , 2004, 12, 512-517.	1.5	43
27	Influence of gene polymorphisms in ulcer healing process after superficial venous surgery. <i>Journal of Vascular Surgery</i> , 2006, 44, 554-562.	0.6	43
28	Serum Iron and Matrix Metalloproteinase-9 Variations in Limbs Affected by Chronic Venous Disease and Venous Leg Ulcers. <i>Dermatologic Surgery</i> , 2005, 31, 644-649.	0.4	42
29	Polymorphisms in the genes coding for iron binding and transporting proteins are associated with disability, severity, and early progression in multiple sclerosis. <i>BMC Medical Genetics</i> , 2012, 13, 70.	2.1	42
30	Gene-gene interactions among coding genes of iron-homeostasis proteins and APOE-alleles in cognitive impairment diseases. <i>PLoS ONE</i> , 2018, 13, e0193867.	1.1	40
31	Predictive role of coagulation-balance gene polymorphisms in the efficacy of photodynamic therapy with verteporfin for classic choroidal neovascularization secondary to age-related macular degeneration. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 1039-1046.	0.7	38
32	Coagulation Gene Predictors of Photodynamic Therapy for Occult Choroidal Neovascularization in Age-Related Macular Degeneration. , 2008, 49, 3100.		38
33	Factor XIII Contrasts the Effects of Metalloproteinases in Human Dermal Fibroblast Cultured Cells. <i>Vascular and Endovascular Surgery</i> , 2004, 38, 431-438.	0.3	37
34	Clinical implications of gene polymorphisms in venous leg ulcer: A model in tissue injury and reparative process. <i>Thrombosis and Haemostasis</i> , 2007, 98, 131-137.	1.8	34
35	Coagulation Factor XIIIa (F13A1): Novel Perspectives in Treatment and Pharmacogenetics. <i>Current Pharmaceutical Design</i> , 2016, 22, 1449-1459.	0.9	34
36	Factor XIIIa-V34L and Factor XIIB-H95R Gene Variants: Effects on Survival in Myocardial Infarction Patients. <i>Molecular Medicine</i> , 2007, 13, 112-120.	1.9	32

#	ARTICLE	IF	CITATIONS
37	Functional variations modulating PRKCA expression and alternative splicing predispose to multiple sclerosis. <i>Human Molecular Genetics</i> , 2014, 23, 6746-6761.	1.4	32
38	Serum Iron and Matrix Metalloproteinase-9 Variations in Limbs Affected by Chronic Venous Disease and Venous Leg Ulcers. <i>Dermatologic Surgery</i> , 2006, 31, 644-649.	0.4	31
39	TRAIL, OPG, and TWEAK in kidney disease: biomarkers or therapeutic targets?. <i>Clinical Science</i> , 2019, 133, 1145-1166.	1.8	30
40	Nanobiomaterials for vascular biology and wound management: A review. <i>Veins and Lymphatics</i> , 2018, 7, .	0.1	27
41	Traditional Herbal Remedies with a Multifunctional Therapeutic Approach as an Implication in COVID-19 Associated Co-Infections. <i>Coatings</i> , 2020, 10, 761.	1.2	27
42	Predictive role of C677T<i>MTHFR</i> polymorphism in variable efficacy of photodynamic therapy for neovascular age-related macular degeneration. <i>Pharmacogenomics</i> , 2009, 10, 81-95.	0.6	25
43	Sex/Gender-Specific Imbalance in CVD: Could Physical Activity Help to Improve Clinical Outcome Targeting CVD Molecular Mechanisms in Women?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1477.	1.8	24
44	Factor XIII-A dynamics in acute myocardial infarction: a novel prognostic biomarker?. <i>Thrombosis and Haemostasis</i> , 2015, 114, 123-132.	1.8	23
45	Sudden Sensorineural Hearing Loss and Polymorphisms in Iron Homeostasis Genes: New Insights from a Case-Control Study. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	23
46	Recent Advances in Plant Nanobionics and Nanobiosensors for Toxicology Applications. <i>Current Nanoscience</i> , 2020, 16, 27-41.	0.7	23
47	Meta-Analysis of Multiple Sclerosis Microarray Data Reveals Dysregulation in RNA Splicing Regulatory Genes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23463-23481.	1.8	22
48	Genetics and Epigenetics of One-Carbon Metabolism Pathway in Autism Spectrum Disorder: A Sex-Specific Brain Epigenome?. <i>Genes</i> , 2021, 12, 782.	1.0	22
49	DHFR 19â€bp insertion/deletion polymorphism and MTHFR C677T in adult acute lymphoblastic leukaemia: Is the risk reduction due to intracellular folate unbalancing?. <i>American Journal of Hematology</i> , 2009, 84, 526-529.	2.0	21
50	Custom CGH array profiling of copy number variations (CNVs) on chromosome 6p21.32 (HLA locus) in patients with venous malformations associated with multiple sclerosis. <i>BMC Medical Genetics</i> , 2010, 11, 64.	2.1	21
51	F13A1 Gene Variant (V34L) and Residual Circulating FXIIIA Levels Predict Short- and Long-Term Mortality in Acute Myocardial Infarction after Coronary Angioplasty. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2766.	1.8	21
52	Crosstalk Between Adipokines and Paraoxonase 1: A New Potential Axis Linking Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2019, 8, 287.	2.2	19
53	Time- and Dose-Dependent Effects of Chronic Wound Fluid on Human Adult Dermal Fibroblasts. <i>Dermatologic Surgery</i> , 2008, 34, 347-356.	0.4	18
54	p53/NF- κ B Balance in SARS-CoV-2 Infection: From OMICs, Genomics and Pharmacogenomics Insights to Tailored Therapeutic Perspectives (COVIDomics). <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	18

#	ARTICLE	IF	CITATIONS
55	A Modified Functional Global Test to Measure Protein C, Protein S Activities and the Activated Protein C-Resistance Phenotype. <i>Thrombosis Research</i> , 1998, 92, 141-148.	0.8	15
56	Clinical implications of gene polymorphisms in venous leg ulcer: a model in tissue injury and reparative process. <i>Thrombosis and Haemostasis</i> , 2007, 98, 131-7.	1.8	15
57	Prevalence of factor XIII Val34Leu polymorphism in patients affected by spontaneous subconjunctival hemorrhage. <i>American Journal of Ophthalmology</i> , 2004, 138, 481-484.	1.7	14
58	Recurrent episodes of spontaneous subconjunctival hemorrhage in patients with factor XIII Val34Leu mutation. <i>American Journal of Ophthalmology</i> , 2002, 134, 927-929.	1.7	13
59	Inherited genetic predispositions in F13A1 and F13B genes predict abdominal adhesion formation: identification of gender prognostic indicators. <i>Scientific Reports</i> , 2018, 8, 16916.	1.6	13
60	C6orf10 Low-Frequency and Rare Variants in Italian Multiple Sclerosis Patients. <i>Frontiers in Genetics</i> , 2019, 10, 573.	1.1	13
61	Time- and Dose-Dependent Effects of Chronic Wound Fluid on Human Adult Dermal Fibroblasts. <i>Dermatologic Surgery</i> , 2008, 34, 347-356.	0.4	12
62	Impact of Coagulation-Balance Gene Predictors on Efficacy of Photodynamic Therapy for Choroidal Neovascularization in Pathologic Myopia. <i>Ophthalmology</i> , 2010, 117, 517-523.	2.5	12
63	The Active Metabolite of Warfarin (3'-Hydroxywarfarin) and Correlation with INR, Warfarin and Drug Weekly Dosage in Patients under Oral Anticoagulant Therapy: A Pharmacogenetics Study. <i>PLoS ONE</i> , 2016, 11, e0162084.	1.1	12
64	Pharmacogenetic Aspects in Therapeutic Management of Subfoveal Choroidal Neovascularisation: Role of Factor XIII-A 185 T-Allele. <i>Current Drug Targets</i> , 2011, 12, 138-148.	1.0	12
65	Predictive Role of Gene Polymorphisms Affecting Thrombin-Generation Pathway in Variable Efficacy of Photodynamic Therapy for Neovascular Age-Related Macular Degeneration. <i>Recent Patents on DNA & Gene Sequences</i> , 2009, 3, 114-122.	0.7	10
66	Maternal Haplotypes in DHFR Promoter and MTHFR Gene in Tuning Childhood Acute Lymphoblastic Leukemia Onset-Latency: Genetic/Epigenetic Mother/Child Dyad Study (GEMCDS). <i>Genes</i> , 2019, 10, 634.	1.0	10
67	Profiling the mutational landscape of coagulation factor V deficiency. <i>Haematologica</i> , 2020, 105, e180-e185.	1.7	10
68	Nanoengineering Approaches to Design Advanced Dental Materials for Clinical Applications. <i>Journal of Bionanoscience</i> , 2010, 4, 53-65.	0.4	9
69	Genetic Predictors of Response to Photodynamic Therapy. <i>Molecular Diagnosis and Therapy</i> , 2011, 15, 195-210.	1.6	9
70	Cis-Segregation of c.1171C>T Stop Codon (p.R391*) in SERPINC1 Gene and c.1691G>A Transition (p.R506Q) in F5 Gene and Selected GWAS Multilocus Approach in Inherited Thrombophilia. <i>Genes</i> , 2021, 12, 934.	1.0	9
71	F9 missense mutations impairing factor IX activation are associated with pleiotropic plasma phenotypes. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 69-81.	1.9	9
72	A photometric method for the dosage of factor XIII applied to the study of chronic hepatopathies. <i>Thrombosis Research</i> , 1995, 78, 451-456.	0.8	8

#	ARTICLE	IF	CITATIONS
73	Genetic variants associated with methotrexate-induced mucositis in cancer treatment: A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 161, 103312.	2.0	8
74	Can estrogens protect against COVID-19? The COVID-19 puzzling and gender medicine. <i>Minerva Ginecologica</i> , 2020, 72, 178-179.	0.8	8
75	Vision Loss after PDT. <i>Ophthalmology</i> , 2006, 113, 157.e1-157.e4.	2.5	7
76	Changes in Adipose Tissue Distribution and Association between Uric Acid and Bone Health during Menopause Transition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6321.	1.8	7
77	Effect of Factor XIII-A G185T Polymorphism on Visual Prognosis after Photodynamic Therapy for Neovascular Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19796-19811.	1.8	5
78	Impact of methylenetetrahydrofolate reductase C677T polymorphism on the efficacy of photodynamic therapy in patients with neovascular age-related macular degeneration. <i>Scientific Reports</i> , 2019, 9, 2614.	1.6	5
79	Assessment of the interlaboratory variability and robustness of <i>JAK2</i> V617F mutation assays: A study involving a consortium of 19 Italian laboratories. <i>Oncotarget</i> , 2017, 8, 32608-32617.	0.8	5
80	Asymptomatic carriership of factor V Leiden and genotypes of the fibrinogen gene cluster. <i>British Journal of Haematology</i> , 2003, 121, 632-638.	1.2	4
81	Reference materials (RMs) for analysis of the human factor II (prothrombin) gene G20210A mutation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 862-8.	1.4	3
82	Temporal and Genotype-Driven Variation of Factor VII Levels in Patients With Acute Myocardial Infarction. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2009, 15, 119-122.	0.7	3
83	Multiple Strokes in a Newborn. <i>Ophthalmology</i> , 2009, 116, 812-813.e3.	2.5	3
84	Thrombophilia in the Occurrence of Retinal Vascular Infarction After Photodynamic Therapy With Verteporfin Using the Standard Protocol. <i>JAMA Ophthalmology</i> , 2010, 128, 1632.	2.6	2