

Amelia Casamassimi

List of Publications by Year in descending order

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90
papers

3,178
citations

117625

34
h-index

168389

53
g-index

96
all docs

96
docs citations

96
times ranked

4889
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Nitric Oxide on Cell Proliferation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 89-95.	2.8	219
2	Transcriptome Profiling in Human Diseases: New Advances and Perspectives. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1652.	4.1	193
3	Platelet Derivatives in Regenerative Medicine: An Update. <i>Transfusion Medicine Reviews</i> , 2015, 29, 52-61.	2.0	155
4	Mediator complexes and eukaryotic transcription regulation: An overview. <i>Biochimie</i> , 2007, 89, 1439-1446.	2.6	107
5	CXCR4/YY1 inhibition impairs VEGF network and angiogenesis during malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14484-14489.	7.1	104
6	High glucose downregulates endothelial progenitor cell number via SIRT1. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 936-945.	2.3	103
7	Simultaneous blockade of different EGF-like growth factors results in efficient growth inhibition of human colon carcinoma xenografts. <i>Oncogene</i> , 2000, 19, 5863-5871.	5.9	88
8	Brain protection using autologous bone marrow cell, metalloproteinase inhibitors, and metabolic treatment in cerebral ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3597-3602.	7.1	79
9	Effects of a Pomegranate Fruit Extract rich in punicalagin on oxidation-sensitive genes and eNOS activity at sites of perturbed shear stress and atherogenesis. <i>Cardiovascular Research</i> , 2007, 73, 414-423.	3.8	78
10	Yeast artificial chromosome-based genome mapping: Some lessons from Xq24â€“q28. <i>Genomics</i> , 1991, 11, 783-793.	2.9	71
11	Endothelial progenitor cells as therapeutic agents in the microcirculation: An update. <i>Atherosclerosis</i> , 2011, 215, 9-22.	0.8	69
12	Involvement of Mediator complex in malignancy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 66-83.	7.4	67
13	Epigenetic Reprogramming in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2015, 17, 476.	4.8	67
14	Massive-Scale RNA-Seq Analysis of Non Ribosomal Transcriptome in Human Trisomy 21. <i>PLoS ONE</i> , 2011, 6, e18493.	2.5	62
15	Hereditary Prostate Cancer: Genes Related, Target Therapy and Prevention. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3753.	4.1	61
16	Prominent cardioprotective effects of third generation beta blocker nebivolol against anthracycline-induced cardiotoxicity using the model of isolated perfused rat heart. <i>European Journal of Cancer</i> , 2008, 44, 334-340.	2.8	57
17	A Novel Peroxisome Proliferator-activated Receptor Î³ Isoform with Dominant Negative Activity Generated by Alternative Splicing. <i>Journal of Biological Chemistry</i> , 2005, 280, 26517-26525.	3.4	55
18	Experimental colitis: decreased Octn2 and Atb0+ expression in rat colonocytes induces carnitine depletion that is reversible by carnitine-loaded liposomes. <i>FASEB Journal</i> , 2006, 20, 2544-2546.	0.5	54

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19	PPARG: Gene Expression Regulation and Next-Generation Sequencing for Unsolved Issues. <i>PPAR Research</i> , 2010, 2010, 1-17.	2.4	52
20	Physical training and metabolic supplementation reduce spontaneous atherosclerotic plaque rupture and prolong survival in hypercholesterolemic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10479-10484.	7.1	50
21	Maternal-foetal epigenetic interactions in the beginning of cardiovascular damage. <i>Cardiovascular Research</i> , 2011, 92, 367-374.	3.8	49
22	Effect of Low Doses of Red Wine and Pure Resveratrol on Circulating Endothelial Progenitor Cells. <i>Journal of Biochemistry</i> , 2008, 143, 179-186.	1.7	48
23	Integrator complex and transcription regulation: Recent findings and pathophysiology. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1269-1280.	1.9	47
24	Unraveling framework of the ancestral Mediator complex in human diseases. <i>Biochimie</i> , 2012, 94, 579-587.	2.6	46
25	The roles of Mediator complex in cardiovascular diseases. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 444-451.	1.9	46
26	YAC Contig Organization and CpG Island Analysis in Xq28. <i>Genomics</i> , 1994, 24, 149-158.	2.9	44
27	Evidence of Key Role of Cdk2 Overexpression in Pemphigus Vulgaris. <i>Journal of Biological Chemistry</i> , 2008, 283, 8736-8745.	3.4	44
28	Kidney and heart interactions during cardiorenal syndrome: a molecular and clinical pathogenic framework. <i>Future Cardiology</i> , 2011, 7, 485-497.	1.2	43
29	Pan-Cancer Mutational and Transcriptional Analysis of the Integrator Complex. <i>International Journal of Molecular Sciences</i> , 2017, 18, 936.	4.1	41
30	EGF-related peptides are involved in the proliferation and survival of MDA-MB-468 human breast carcinoma cells. <i>International Journal of Cancer</i> , 1999, 80, 589-594.	5.1	39
31	Identification of valid reference housekeeping genes for gene expression analysis in tumor neovascularization studies. <i>Clinical and Translational Oncology</i> , 2013, 15, 211-218.	2.4	39
32	Antioxidants increase number of progenitor endothelial cells through multiple gene expression pathways. <i>Free Radical Research</i> , 2008, 42, 754-762.	3.3	38
33	Comparison Between Total Endothelial Progenitor Cell Isolation Versus Enriched Cd133+ Culture. <i>Journal of Biochemistry</i> , 2007, 141, 503-511.	1.7	36
34	Characterization of a Novel Polymorphism in PPARC Regulatory Region Associated with Type 2 Diabetes and Diabetic Retinopathy in Italy. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-7.	3.0	36
35	Impairment of circulating endothelial progenitors in Down syndrome. <i>BMC Medical Genomics</i> , 2010, 3, 40.	1.5	36
36	Multifaceted Role of PRDM Proteins in Human Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2648.	4.1	35

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37	EGF-related antisense oligonucleotides inhibit the proliferation of human ovarian carcinoma cells. <i>Annals of Oncology</i> , 2000, 11, 319-326.	1.2	33
38	Transcriptional Regulation: Molecules, Involved Mechanisms, and Misregulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1281.	4.1	30
39	Effect of red wine antioxidants and minor polyphenolic constituents on endothelial progenitor cells after physical training in mice. <i>International Journal of Cardiology</i> , 2008, 126, 295-297.	1.7	29
40	Detrimental effects of <i>Bartonella henselae</i> are counteracted by L-arginine and nitric oxide in human endothelial progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9427-9432.	7.1	29
41	PR/SET Domain Family and Cancer: Novel Insights from the Cancer Genome Atlas. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3250.	4.1	29
42	Nutritional genomics era: opportunities toward a genome-tailored nutritional regimen. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 457-467.	4.2	28
43	Different expression of CD146 in human normal and osteosarcoma cell lines. <i>Medical Oncology</i> , 2012, 29, 2998-3002.	2.5	28
44	Synergistic growth inhibition and induction of apoptosis by a novel mixed backbone antisense oligonucleotide targeting CRIPTO in combination with C225 anti-EGFR monoclonal antibody and 8-Cl-cAMP in human GEO colon cancer cells. <i>Oncology Reports</i> , 1999, 6, 1105-9.	2.6	26
45	Directed <i>in vivo</i> angiogenesis assay and the study of systemic neoangiogenesis in cancer. <i>International Journal of Cancer</i> , 2011, 128, 1505-1508.	5.1	23
46	A novel PALB2 truncating mutation in an Italian family with male breast cancer. <i>Oncology Reports</i> , 2015, 33, 1243-1247.	2.6	23
47	Integrated YAC/STS Physical and Genetic Map of 22.5 Mb of Human Xq24q26 at 56-kb Inter-STS Resolution. <i>Genomics</i> , 1998, 52, 247-266.	2.9	22
48	Analysis of PALB2 in a cohort of Italian breast cancer patients: identification of a novel PALB2 truncating mutation. <i>Familial Cancer</i> , 2015, 14, 341-348.	1.9	21
49	Screening tests for hepatitis B virus, hepatitis C virus, and human immunodeficiency virus in blood donors: Evaluation of two chemiluminescent immunoassay systems. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 660-664.	1.5	20
50	A novel germline mutation in Peroxisome Proliferator-Activated Receptor β gene associated with large intestine polyp formation and dyslipidemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 572-581.	3.8	19
51	Mediator subunits: Gene expression pattern, a novel transcript identification and nuclear localization in human endothelial progenitor cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 487-495.	1.9	19
52	Potential benefits of cell therapy in coronary heart disease. <i>Journal of Cardiology</i> , 2013, 62, 267-276.	1.9	18
53	Imaging techniques to evaluate cell therapy in peripheral artery disease: state of the art and clinical trials. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 165-178.	1.2	18
54	Evidence of <i>Bacteroides fragilis</i> Protection from <i>Bartonella henselae</i> -Induced Damage. <i>PLoS ONE</i> , 2012, 7, e49653.	2.5	17

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55	Erythrocyte genotyping for transfusion-dependent patients at the Azienda Universitaria Policlinico of Naples. <i>Transfusion and Apheresis Science</i> , 2015, 52, 72-77.	1.0	17
56	APC and MUTYH Analysis in FAP Patients: A Novel Mutation in APC Gene and Genotype-Phenotype Correlation. <i>Genes</i> , 2018, 9, 322.	2.4	17
57	Five Italian Families with Two Mutations in BRCA Genes. <i>Genes</i> , 2020, 11, 1451.	2.4	17
58	Identification and expression analysis of novel Jakmip1 transcripts. <i>Gene</i> , 2007, 402, 1-8.	2.2	15
59	Distinct alternative splicing patterns of mediator subunit genes during endothelial progenitor cell differentiation. <i>Biochimie</i> , 2012, 94, 1828-1832.	2.6	15
60	1.5-Mb YAC Contig in Xq28 Formatted with Sequence-Tagged Sites and Including a Region Unstable in the Clones. <i>Genomics</i> , 1993, 16, 586-592.	2.9	14
61	DDX11L: a novel transcript family emerging from human subtelomeric regions. <i>BMC Genomics</i> , 2009, 10, 250.	2.8	13
62	Human PRDM2: Structure, function and pathophysiology. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 657-671.	1.9	13
63	Prevalence of mutations in BRCA and MMR genes in patients affected with hereditary endometrial cancer. <i>Medical Oncology</i> , 2021, 38, 13.	2.5	13
64	Human Leukocyte Antigens and Alloimmunization in Heart Transplantation: An Open Debate. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 664-675.	2.4	12
65	Seroprevalence of <i>Bartonella henselae</i> in patients awaiting heart transplant in Southern Italy. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 239-244.	3.1	12
66	RNA-Seq for the identification of novel Mediator transcripts in endothelial progenitor cells. <i>Gene</i> , 2014, 547, 98-105.	2.2	10
67	BRCA and PALB2 mutations in a cohort of male breast cancer with one bilateral case. <i>European Journal of Medical Genetics</i> , 2020, 63, 103883.	1.3	10
68	Splicing regulators in endothelial cell differentiation. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 742-749.	1.5	9
69	Anti-HLA-A, -B, -DR, -DQB1 and -DQA1 antibodies reactive epitope determination with HLAMatchmaker in multipare awaiting list for heart transplant. <i>Human Immunology</i> , 2013, 74, 937-941.	2.4	8
70	Mobile Screening Units for the Early Detection of Breast Cancer and Cardiovascular Disease: A Pilot Telemedicine Study in Southern Italy. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 286-293.	2.8	8
71	Double mutation of APC and BRCA1 in an Italian family. <i>Cancer Genetics</i> , 2020, 244, 32-35.	0.4	8
72	Adult Stem Cells and the Clinical Arena: Are we Able to Widely Use this Therapy in Patients with Chronic Limbs Arteriopathy and Ischemic Ulcers without Possibility of Revascularization?. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2012, 10, 99-108.	1.0	8

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73	Gene expression profile of the whole Mediator complex in human osteosarcoma and normal osteoblasts. <i>Medical Oncology</i> , 2013, 30, 739.	2.5	7
74	Construction of a pilot human YAC library in a recombination-defective yeast strain. <i>Gene</i> , 1997, 188, 169-174.	2.2	6
75	Epitope-specificities of HLA antibodies: The effect of epitope structure on Luminex technique-dependent antibody reactivity. <i>Human Immunology</i> , 2015, 76, 297-300.	2.4	6
76	PRDM12 in Health and Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12030.	4.1	5
77	Association between human leukocyte antigen class I and II alleles and hepatitis C virus infection in high-risk hemodialysis patients awaiting kidney transplantation. <i>Human Immunology</i> , 2013, 74, 1629-1632.	2.4	4
78	Searching for a Putative Mechanism of RIZ2 Tumor-Promoting Function in Cancer Models. <i>Frontiers in Oncology</i> , 2020, 10, 583533.	2.8	4
79	Human dbl proto-oncogene in 85 kb of Xq26, and determination of the transcription initiation site. <i>Gene</i> , 2000, 253, 107-115.	2.2	3
80	The Novel Role of Epigenetics in Primary Prevention of Cardiovascular Diseases. <i>Neurology International</i> , 2012, 2, e12.	0.5	3
81	Intravenous human immunoglobulin treatment of serum from HLA-sensitized patients in kidney transplantation. <i>Renal Failure</i> , 2014, 36, 585-588.	2.1	3
82	Sequence-tagged sites (STSs) from YAC insert-ends and X-specific flow-sorted chromosomes. <i>Mammalian Genome</i> , 1994, 5, 511-514.	2.2	2
83	Characterization of 2 novel and 2 recurring BRCA1 germline mutations in breast and/or ovarian carcinoma patients from the area of Naples. <i>International Journal of Oncology</i> , 2002, 20, 963-70.	3.3	2
84	Discovery of Biomarkers for Chronic Graft-versus-Host Disease. <i>Texas Heart Institute Journal</i> , 2014, 41, 107-108.	0.3	2
85	Hypoxia-Regulated miRNAs in Human Mesenchymal Stem Cells: Exploring the Regulatory Effects in Ischemic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1340.	4.1	2
86	Endothelial Cell Tube Formation on Basement Membrane to Study Cancer Neoangiogenesis. , 2015, , 13-22.		1
87	Reply to Klar: Key role of YY1 in neoangiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E191-E191.	7.1	0
88	Flow Cytometry Analysis and Crossmatch Detection Techniques in Transplantation. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2012, 12, 34-39.	0.5	0
89	Cardiovascular Disease and Transgenerational Epigenetic Effects. , 2014, , 321-341.		0
90	Towards an Ideal In Cell Hybridization-Based Strategy to Discover Protein Interactomes of Selected RNA Molecules. <i>International Journal of Molecular Sciences</i> , 2022, 23, 942.	4.1	0