

Luigi Caimi

List of Publications by Year in descending order

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110
papers

3,362
citations

126907

33
h-index

189892

50
g-index

111
all docs

111
docs citations

111
times ranked

5215
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum Human Epididymis Protein 4 and Risk for Ovarian Malignancy Algorithm as New Diagnostic and Prognostic Tools for Epithelial Ovarian Cancer Management. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2496-2506.	2.5	112
2	Simultaneous quantification of recent thymic T-cell and bone marrow B-cell emigrants in patients with primary immunodeficiency undergone to stem cell transplantation. <i>Clinical Immunology</i> , 2010, 136, 217-227.	3.2	108
3	HE4 and epithelial ovarian cancer: Comparison and clinical evaluation of two immunoassays and a combination algorithm. <i>Clinica Chimica Acta</i> , 2011, 412, 1447-1453.	1.1	104
4	Occurrence of Sialyltransferase Activity in the Synaptosomal Membranes Prepared from Calf Brain Cortex. <i>Journal of Neurochemistry</i> , 1980, 35, 281-296.	3.9	88
5	Sialidase NEU3 is a peripheral membrane protein localized on the cell surface and in endosomal structures. <i>Biochemical Journal</i> , 2007, 408, 211-219.	3.7	81
6	Cumulative Effect of Predisposing Genotypes and Their Interaction With Modifiable Factors on the Risk of Ischemic Stroke in Young Adults. <i>Stroke</i> , 2005, 36, 533-539.	2.0	79
7	Intronic CYP46 polymorphism along with ApoE genotype in sporadic Alzheimer Disease: from risk factors to disease modulators. <i>Neurobiology of Aging</i> , 2004, 25, 747-751.	3.1	78
8	Genetic correlates of behavioral endophenotypes in Alzheimer disease: Role of COMT, 5-HTTLPR and APOE polymorphisms. <i>Neurobiology of Aging</i> , 2006, 27, 1595-1603.	3.1	73
9	Mesenchymal cells from human amniotic fluid survive and migrate after transplantation into adult rat brain. <i>Cell Biology International</i> , 2007, 31, 845-850.	3.0	73
10	Effects of Weight Loss on Structural and Functional Alterations of Subcutaneous Small Arteries in Obese Patients. <i>Hypertension</i> , 2011, 58, 29-36.	2.7	72
11	Human epididymis protein 4 as a serum marker for diagnosis of endometrial carcinoma and prediction of clinical outcome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 2189-2198.	2.3	72
12	Role of BDNF Val66Met functional polymorphism in Alzheimer's disease-related depression. <i>Neurobiology of Aging</i> , 2009, 30, 1406-1412.	3.1	69
13	Progranulin genetic variations in frontotemporal lobar degeneration: evidence for low mutation frequency in an Italian clinical series. <i>Neurogenetics</i> , 2008, 9, 197-205.	1.4	63
14	Merging colloidal nanoplasmonics and surface plasmon resonance spectroscopy for enhanced profiling of multiple myeloma-derived exosomes. <i>Biosensors and Bioelectronics</i> , 2016, 77, 518-524.	10.1	63
15	Endothelial Nitric Oxide Synthase (Glu298Asp) Polymorphism is an Independent Risk Factor for Migraine with Aura. <i>Headache</i> , 2006, 46, 1575-1579.	3.9	62
16	The Different Extent of B and T Cell Immune Reconstitution after Hematopoietic Stem Cell Transplantation and Enzyme Replacement Therapies in SCID Patients with Adenosine Deaminase Deficiency. <i>Journal of Immunology</i> , 2010, 185, 7713-7722.	0.8	62
17	Abatacept Reduces Levels of Switched Memory B Cells, Autoantibodies, and Immunoglobulins in Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2014, 41, 666-672.	2.0	62
18	Use of V(D)J recombination excision circles to identify T- and B-cell defects and to monitor the treatment in primary and acquired immunodeficiencies. <i>Journal of Translational Medicine</i> , 2013, 11, 119.	4.4	61

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19	Reduced thymic output, increased spontaneous apoptosis and oligoclonal B cells in polyethylene glycol-adenosine deaminase-treated patients. <i>European Journal of Immunology</i> , 2005, 35, 3376-3386.	2.9	59
20	Enzymes of lysosomal origin in human plasma and serum: Assay conditions and parameters influencing the assay. <i>Clinica Chimica Acta</i> , 1980, 108, 337-346.	1.1	57
21	BDNF Genetic Variations Increase the Risk of Alzheimer's Disease-Related Depression. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 867-875.	2.6	56
22	Catechol-O-methyltransferase gene polymorphism is associated with risk of psychosis in Alzheimer Disease. <i>Neuroscience Letters</i> , 2004, 370, 127-129.	2.1	55
23	Cyberdrugs: a cross-sectional study of online pharmacies characteristics. <i>European Journal of Public Health</i> , 2009, 19, 375-377.	0.3	54
24	“Save 30% if you buy today” Online pharmacies and the enhancement of peripheral thinking in consumers. <i>Pharmacoepidemiology and Drug Safety</i> , 2010, 19, 970-976.	1.9	44
25	Microvascular damage and platelet abnormalities in early Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2002, 203-204, 189-193.	0.6	43
26	CSF Alzheimer's disease-like pattern in corticobasal syndrome: evidence for a distinct disorder. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 834-838.	1.9	40
27	Troponin T levels in patients with acute heart failure: clinical and prognostic significance of their detection and release during hospitalisation. <i>Clinical Research in Cardiology</i> , 2012, 101, 663-672.	3.3	40
28	Mouse peritoneal cells as a reservoir of late dendritic cell progenitors. <i>British Journal of Haematology</i> , 1999, 104, 111-118.	2.5	39
29	Flow cytometry detection of serotonin content and release in resting and activated platelets. <i>British Journal of Haematology</i> , 2003, 121, 892-896.	2.5	38
30	Effect of antihypertensive treatment on microvascular structure, central blood pressure and oxidative stress in patients with mild essential hypertension. <i>Journal of Hypertension</i> , 2014, 32, 565-574.	0.5	38
31	Italian hospitals on the web: a cross-sectional analysis of official websites. <i>BMC Medical Informatics and Decision Making</i> , 2010, 10, 17.	3.0	37
32	C-src Enriched Serum Microvesicles Are Generated in Malignant Plasma Cell Dyscrasia. <i>PLoS ONE</i> , 2013, 8, e70811.	2.5	37
33	Immunoglobulin Free Light Chains and GAGs Mediate Multiple Myeloma Extracellular Vesicles Uptake and Secondary Nf- κ B Nuclear Translocation. <i>Frontiers in Immunology</i> , 2014, 5, 517.	4.8	37
34	APOE Genotype and Cholesterol Levels in Lewy Body Dementia and Alzheimer Disease: Investigating Genotype-Phenotype Effect on Disease Risk. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 1022-1031.	1.2	35
35	Thymic and Bone Marrow Output in Patients with Common Variable Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2011, 31, 540-549.	3.8	35
36	Influence of age and sex on five human plasma lysosomal enzymes assayed by automated procedures. <i>Clinica Chimica Acta</i> , 1981, 113, 141-152.	1.1	34

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37	The World of e-Patients: A Content Analysis of Online Social Networks Focusing on Diseases. <i>Telemedicine Journal and E-Health</i> , 2010, 16, 1060-1066.	2.8	34
38	Identification of a public CDR3 motif and a biased utilization of T-cell receptor V beta and J beta chains in HLA-A2/Melan-A-specific T-cell clonotypes of melanoma patients. <i>Journal of Translational Medicine</i> , 2009, 7, 21.	4.4	32
39	Postremission sequential monitoring of minimal residual disease by $WT^{1-Q\beta}$ PCR and multiparametric flow cytometry assessment predicts relapse and may help to address risk-adapted therapy in acute myeloid leukemia patients. <i>Cancer Medicine</i> , 2016, 5, 265-274.	2.8	32
40	Genomic quantitative real-time PCR proves residual disease positivity in more than 30% samples with negative mRNA-based qRT-PCR in Chronic Myeloid Leukemia. <i>Oncoscience</i> , 2014, 1, 510-521.	2.2	32
41	Soy and the soy isoflavone genistein promote adipose tissue development in male mice on a low-fat diet. <i>European Journal of Nutrition</i> , 2015, 54, 1095-1107.	3.9	31
42	Municipal wastewater affects adipose deposition in male mice and increases 3T3-L1 cell differentiation. <i>Toxicology and Applied Pharmacology</i> , 2016, 297, 32-40.	2.8	31
43	Haplotypes in catechol-O-methyltransferase gene confer increased risk for psychosis in Alzheimer disease. <i>Neurobiology of Aging</i> , 2007, 28, 1231-1238.	3.1	30
44	Comparison between different laboratory tests for the detection and prevention of heparin-induced thrombocytopenia. <i>Cytometry</i> , 2001, 46, 290-295.	1.8	29
45	T-Cell Immune Reconstitution after Hematopoietic Stem Cell Transplantation for HIV-Associated Lymphoma. <i>Transplantation</i> , 2005, 80, 673-682.	1.0	29
46	Cumulative Effect of COMT and 5-HTTLPR Polymorphisms and Their Interaction With Disease Severity and Comorbidities on the Risk of Psychosis in Alzheimer Disease. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 343-351.	1.2	29
47	IFN γ bioavailability in multiple sclerosis patients: MxA versus antibody-detecting assays. <i>Journal of Neuroimmunology</i> , 2007, 189, 102-110.	2.3	29
48	Serum posaconazole levels during acute myeloid leukaemia induction therapy: correlations with breakthrough invasive fungal infections. <i>Mycoses</i> , 2015, 58, 362-367.	4.0	29
49	Establishing short-term prognosis in Frontotemporal Lobar Degeneration spectrum: Role of genetic background and clinical phenotype. <i>Neurobiology of Aging</i> , 2010, 31, 270-279.	3.1	28
50	Heterogeneous expression of toll-like receptors in lymphatic endothelial cells derived from different tissues. <i>Immunology and Cell Biology</i> , 2011, 89, 475-481.	2.3	28
51	Upregulation of Myxovirus-resistance Protein A: A Possible Marker of Type I Interferon Induction in Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2008, 35, 2192-2200.	2.0	27
52	Genistein Accumulates in Body Depots and Is Mobilized during Fasting, Reaching Estrogenic Levels in Serum that Counter the Hormonal Actions of Estradiol and Organochlorines. <i>Toxicological Sciences</i> , 2007, 97, 299-307.	3.1	26
53	Marketing and pricing strategies of online pharmacies. <i>Health Policy</i> , 2009, 92, 187-196.	3.0	25
54	Platelet amyloid precursor protein forms in AD: a peripheral diagnostic tool and a pharmacological target. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1997-2004.	4.6	24

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55	High cholesterol affects platelet APP processing in controls and in AD patients. <i>Neurobiology of Aging</i> , 2003, 24, 631-636.	3.1	24
56	New laboratory test in flow cytometry for the combined analysis of serologic and cellular parameters in the diagnosis of heparin-induced thrombocytopenia. <i>Cytometry</i> , 2004, 58B, 32-38.	1.8	24
57	Peripheral accumulation of newly produced T and B lymphocytes in natalizumab-treated multiple sclerosis patients. <i>Clinical Immunology</i> , 2012, 145, 19-26.	3.2	24
58	Effects of opioid therapy on human natural killer cells. <i>International Immunopharmacology</i> , 2014, 18, 169-174.	3.8	24
59	Intersectin goes nuclear: secret life of an endocytic protein. <i>Biochemical Journal</i> , 2018, 475, 1455-1472.	3.7	24
60	Predicting Cognitive Decline in Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2004, 18, 32-34.	1.3	23
61	How has the flu virus infected the Web? 2010 influenza and vaccine information available on the Internet. <i>BMC Public Health</i> , 2013, 13, 83.	2.9	23
62	Which sample tube should be used for routine glucose determination?. <i>Primary Care Diabetes</i> , 2016, 10, 227-232.	1.8	23
63	Pre-Existing T- and B-Cell Defects in One Progressive Multifocal Leukoencephalopathy Patient. <i>PLoS ONE</i> , 2012, 7, e34493.	2.5	21
64	Polyclonal versus monoclonal immunoglobulin-free light chains quantification. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 327-336.	1.6	21
65	Sialidase NEU3 Dynamically Associates to Different Membrane Domains Specifically Modifying Their Ganglioside Pattern and Triggering Akt Phosphorylation. <i>PLoS ONE</i> , 2014, 9, e99405.	2.5	20
66	Peripheral Blood WT1 Expression Predicts Relapse in AML Patients Undergoing Allogeneic Stem Cell Transplantation. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	20
67	Occurrence in Brain Lysosomes of a Sialidase Active on Ganglioside. <i>Journal of Neurochemistry</i> , 1989, 53, 672-680.	3.9	19
68	Online Consultations in Cyberpharmacies: Completeness and Patient Safety. <i>Telemedicine Journal and E-Health</i> , 2009, 15, 1022-1025.	2.8	19
69	Structural alterations in subcutaneous small resistance arteries predict changes in the renal function of hypertensive patients. <i>Journal of Hypertension</i> , 2010, 28, 1951-1958.	0.5	19
70	Caveolin-1, Caveolin-2 and Cavin-1 are strong predictors of adipogenic differentiation in human tumors and cell lines of liposarcoma. <i>European Journal of Cell Biology</i> , 2016, 95, 252-264.	3.6	19
71	Metabolism of sulfogalactosyl glycerolipids in the myelinating mouse brain. <i>Developmental Biology</i> , 1983, 98, 182-186.	2.0	18
72	Cholinesterase inhibitors exert a protective effect on endothelial damage in Alzheimer disease patients. <i>Journal of the Neurological Sciences</i> , 2005, 229-230, 211-213.	0.6	17

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73	Fibroblasts maintained in 3 dimensions show a better differentiation state and higher sensitivity to estrogens. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 421-433.	2.8	17
74	The Epsilon Hinge Ear Region Regulates Membrane Localization of the AP-4 Complex. <i>Traffic</i> , 2011, 12, 1604-1619.	2.7	16
75	T-Cell Receptor and K-Deleting Recombination Excision Circles in Newborn Screening of T- and B-cell Defects: Review of the Literature and Future Challenges. <i>Journal of Public Health Research</i> , 2013, 2, jphr.2013.e3.	1.2	16
76	Quantification of newly produced B and T lymphocytes in untreated chronic lymphocytic leukemia patients. <i>Journal of Translational Medicine</i> , 2010, 8, 111.	4.4	15
77	Effects of combined antiretroviral therapy on B- and T-cell release from production sites in long-term treated HIV-1+ patients. <i>Journal of Translational Medicine</i> , 2012, 10, 94.	4.4	15
78	Modulation of IFNAR1 mRNA expression in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2008, 197, 54-62.	2.3	14
79	Removal of BPA and NPnEOs from Secondary Effluents of Municipal WWTPs by Means of Ozonation. <i>Ozone: Science and Engineering</i> , 2010, 32, 204-208.	2.5	14
80	Opposite effects of interferon-beta on new B and T cell release from production sites in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2011, 240-241, 147-150.	2.3	14
81	Celiac Disease-Related Antibodies in Italian Children With Epilepsy. <i>Pediatric Neurology</i> , 2009, 41, 34-36.	2.1	13
82	Investigating the Association Between Notch3 Polymorphism and Migraine. <i>Headache</i> , 2006, 46, 317-321.	3.9	12
83	Serum leptin levels are higher in females affected by frontotemporal lobar degeneration than Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 79, 712-715.	1.9	12
84	Transfer of myxovirus-protein-A mRNA assay for interferon- γ bioactivity measurement in multiple sclerosis patients to routine laboratory practice. A 4-year experience. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1235-1238.	2.3	11
85	Effect of antihypertensive treatment with lercanidipine on endothelial progenitor cells and inflammation in patients with mild to moderate essential hypertension. <i>Blood Pressure</i> , 2016, 25, 337-343.	1.5	11
86	Type I interferon-dependent gene MxA in perinatal HIV-infected patients under antiretroviral therapy as marker for therapy failure and blood plasmacytoid dendritic cells depletion. <i>Journal of Translational Medicine</i> , 2008, 6, 49.	4.4	10
87	Diagnostic accuracy and prognostic value of the CD64 index in very low birth weight neonates as a marker of early-onset sepsis. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 433-439.	1.5	10
88	Cerebrospinal Fluid Tau in Frontotemporal Lobar Degeneration: Clinical, Neuroimaging, and Prognostic Correlates. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 505-512.	2.6	9
89	A PCR-based protocol to accurately size C9orf72 intermediate-length alleles. <i>Molecular and Cellular Probes</i> , 2017, 32, 60-64.	2.1	9
90	Association between human parainfluenza virus type 1 and smoking history in patients with an abdominal aortic aneurysm. <i>Journal of Medical Virology</i> , 2013, 85, 99-104.	5.0	8

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91	Nutritional supplements for diabetes sold on the internet: business or health promotion?. BMC Public Health, 2013, 13, 777.	2.9	7
92	Oilseeds ameliorate metabolic parameters in male mice, while contained lignans inhibit 3T3-L1 adipocyte differentiation in vitro. European Journal of Nutrition, 2014, 53, 1685-1697.	3.9	7
93	Decreased Type I Interferon Receptor-Soluble Isoform in Antiretroviral-Treated HIV-Positive Children. Journal of Interferon and Cytokine Research, 2008, 28, 181-189.	1.2	6
94	Immunological biomarkers identifying natalizumab-treated multiple sclerosis patients at risk of progressive multifocal leukoencephalopathy. Journal of Neuroimmunology, 2014, 277, 6-12.	2.3	6
95	The strange case of the [13N]NH ₃ . Nuclear Medicine Communications, 2016, 37, 412-421.	1.1	6
96	Synthesis and subcellular transport of sulfogalactosyl glycerolipids in the myelinating mouse brain. Lipids and Lipid Metabolism, 1983, 753, 294-299.	2.6	5
97	About TMPRSS6 rs855791 Polymorphism, Iron Metabolism and Celiac Disease. American Journal of Gastroenterology, 2015, 110, 1240.	0.4	4
98	Prediction of abdominal aortic aneurysm calcification by means of variation of high-sensitivity C-reactive protein. JRSM Cardiovascular Disease, 2016, 5, 204800401668217.	0.7	4
99	The Internet and health promotion: a content analysis of the official websites of Italian Public Health Authorities. Journal of Medicine and the Person, 2010, 8, 121-127.	0.1	3
100	B- and T-lymphocyte number and function in HIV+/HIV ⁺ lymphoma patients treated with high-dose chemotherapy and autologous bone marrow transplantation. Scientific Reports, 2016, 6, 37995.	3.3	3
101	Modulation of Regulatory T-Cell Subsets in Very Long-Term Treated Aviremic HIV+ Patients and Untreated Viremic Patients. Open AIDS Journal, 2014, 8, 1-6.	0.5	3
102	Efficient platelet α -granule release induced by [Ca ²⁺] _i elevation is modulated by GPIIb/IIIa. International Journal of Molecular Medicine, 2006, 18, 309.	4.0	2
103	MxA RNA Quantification in Febrile Patients Who Underwent Hematopoietic Cell Transplantation for Primary Immunodeficiency. Diagnostic Molecular Pathology, 2011, 20, 111-116.	2.1	2
104	von Willebrand Factor multimers profiling with a semi-automated system. Electrophoresis, 2013, 34, 818-824.	2.4	2
105	Production and quality control of [90Y]DOTATOC for treatment of metastatic neuroendocrine tumors. Nuclear Medicine Communications, 2013, 34, 265-270.	1.1	2
106	Description of High Purity and High Specific Activity of [11C]Choline Synthesis Using TRACERlab FXc Module, and Detailed Report of Quality Controls. Medicinal Chemistry, 2012, 8, 1182-1189.	1.5	2
107	T-LYMPHOCYTE PRODUCTION, FUNCTION, AND DEATH IN CHILDREN WHO RECOVERED FROM OPSOCLONUS-MYOCLONUS SYNDROME. Pediatric Hematology and Oncology, 2007, 24, 23-27.	0.8	1
108	Description of High Purity and High Specific Activity of [11C]Choline Synthesis Using TRACERlab FXc Module, and Detailed Report of Quality Controls. Medicinal Chemistry, 2012, 8, 1182-1189.	1.5	1

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109	Long-Lasting Production of New T and B Cells and T-Cell Repertoire Diversity in Patients with Primary Immunodeficiency Who Had Undergone Stem Cell Transplantation: A Single-Centre Experience. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	1
110	Severe Combined Immunodeficiency Patients: Immune Recovery After Stem Cell Transplantation. , 2012, , 287-296.		1