

Salvatore Saccone

List of Publications by Year in descending order

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120
papers

4,572
citations

109311

35
h-index

118840

62
g-index

132
all docs

132
docs citations

132
times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity-Dependent Neuroprotective Protein (ADNP)-Derived Peptide (NAP) Counteracts UV-B Radiation-Induced ROS Formation in Corneal Epithelium. <i>Antioxidants</i> , 2022, 11, 128.	5.1	9
2	Human nuclear tau and aging. , 2021, , 71-81.		0
3	From FISH to Hi-C: The Chromatin Architecture of the Chromosomal Region 7q36.3, Frequently Rearranged in Leukemic Cells, Is Evolutionary Conserved. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2338.	4.1	6
4	Beyond virology: environmental constraints of the first wave of COVID-19 cases in Italy. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31996-32004.	5.3	6
5	Morphological Evidence of Telocytes in Skeletal Muscle Interstitium of Exercised and Sedentary Rodents. <i>Biomedicines</i> , 2021, 9, 807.	3.2	11
6	Effect of PACAP on Hypoxia-Induced Angiogenesis and Epithelialâ€“Mesenchymal Transition in Glioblastoma. <i>Biomedicines</i> , 2021, 9, 965.	3.2	9
7	Targeting the miRNA-155/TNFSF10 network restrains inflammatory response in the retina in a mouse model of Alzheimerâ€™s disease. <i>Cell Death and Disease</i> , 2021, 12, 905.	6.3	16
8	Modulatory role of PACAP and VIP on HIFs expression in lung adenocarcinoma. <i>Peptides</i> , 2021, 146, 170672.	2.4	7
9	Chromosomal Rearrangements and Altered Nuclear Organization: Recent Mechanistic Models in Cancer. <i>Cancers</i> , 2021, 13, 5860.	3.7	8
10	Protective effect of PACAP against ultraviolet B radiation-induced human corneal endothelial cell injury. <i>Neuropeptides</i> , 2020, 79, 101978.	2.2	19
11	The Interplay between Fe ₃ O ₄ Superparamagnetic Nanoparticles, Sodium Butyrate, and Folic Acid for Intracellular Transport. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8473.	4.1	4
12	Effect of a Bone Marrow-Derived Extracellular Matrix on Cell Adhesion and Neural Induction of Dental Pulp Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 100.	3.7	23
13	PACAP Modulates the Autophagy Process in an In Vitro Model of Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2943.	4.1	28
14	Beneficial effects of curtailing immune susceptibility in an Alzheimerâ€™s disease model. <i>Journal of Neuroinflammation</i> , 2019, 16, 166.	7.2	27
15	Swordfish or Shark Slice? A Rapid Response by COI Barâ€™RFLP. <i>Foods</i> , 2019, 8, 537.	4.3	20
16	Buccal micronucleus assay in human populations from Sicily (Italy) exposed to petrochemical industry pollutants. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7048-7054.	5.3	7
17	Involvement of A3 Adenosine Receptor in Neuroblastoma Progression via Modulation of the Hypoxic/Angiogenic Pathway. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 166-176.	2.3	4
18	Study of a Miniaturizable System for Optical Sensing Application to Human Cells. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 975.	2.5	7

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19	Deletions of Chromosome 7q Affect Nuclear Organization and HLXB9 Gene Expression in Hematological Disorders. <i>Cancers</i> , 2019, 11, 585.	3.7	21
20	NAP modulates hyperglycemic-inflammatory event of diabetic retina by counteracting outer blood retinal barrier damage. <i>Journal of Cellular Physiology</i> , 2019, 234, 5230-5240.	4.1	20
21	PACAP through EGFR transactivation preserves human corneal endothelial integrity. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10097-10105.	2.6	32
22	Molecular mechanisms involved in the protective effect of pituitary adenylate cyclase-activating polypeptide in an in vitro model of amyotrophic lateral sclerosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 5203-5214.	4.1	33
23	Caffeine Effect on HIFs/VEGF Pathway in Human Glioblastoma Cells Exposed to Hypoxia. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1432-1439.	1.7	14
24	Rapid molecular identification of necrophagous diptera by means of variable-length intron sequences in the wingless gene. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 56, 66-72.	1.0	2
25	Phosphorylated nucleolar Tau protein is related to the neuronal in vitro differentiation. <i>Gene</i> , 2018, 664, 1-11.	2.2	16
26	NAP counteracts hyperglycemia/hypoxia induced retinal pigment epithelial barrier breakdown through modulation of HIFs and VEGF expression. <i>Journal of Cellular Physiology</i> , 2018, 233, 1120-1128.	4.1	39
27	Differential expression of PARK2 splice isoforms in an in vitro model of dopaminergic-like neurons exposed to toxic insults mimicking Parkinson's disease. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1062-1073.	2.6	3
28	PACAP and VIP regulate hypoxia-inducible factors in neuroblastoma cells exposed to hypoxia. <i>Neuropeptides</i> , 2018, 69, 84-91.	2.2	31
29	Differential flatfish species detection by COI Bar-RFLP in processed seafood products. <i>European Food Research and Technology</i> , 2018, 244, 2191-2201.	3.3	11
30	PACAP and VIP regulate hypoxia-inducible factors in neuroblastoma cells exposed to hypoxia. <i>Neuropeptides</i> , 2018, 69, 84-91.	2.2	13
31	Caffeine Prevents Blood Retinal Barrier Damage in a Model, In Vitro, of Diabetic Macular Edema. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2371-2379.	2.6	28
32	Somatic mosaicism with reversion to normality of a mutated transthyretin allele related to a familial amyloidotic polyneuropathy. <i>Human Genetics</i> , 2017, 136, 867-873.	3.8	7
33	Nap Interferes with Hypoxia-Inducible Factors and VEGF Expression in Retina of Diabetic Rats. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 256-266.	2.3	35
34	Modulation of IL-1 β and VEGF expression in rat diabetic retinopathy after PACAP administration. <i>Peptides</i> , 2017, 97, 64-69.	2.4	33
35	Aging dependent effect of nuclear tau. <i>Brain Research</i> , 2017, 1677, 129-137.	2.2	37
36	Nicotine promotes blood retinal barrier damage in a model of human diabetic macular edema. <i>Toxicology in Vitro</i> , 2017, 44, 182-189.	2.4	22

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37	Genomic properties of chromosomal bands are linked to evolutionary rearrangements and new centromere formation in primates. <i>Chromosome Research</i> , 2017, 25, 261-276.	2.2	10
38	Nuclear Repositioning of the Non-Translocated HLXB9 Allele in the Leukaemia Cell Line GDM-1 Harbouring a t(6;7)(q23;q36). <i>Cytogenetic and Genome Research</i> , 2017, 153, 10-17.	1.1	3
39	VIP Family Members Prevent Outer Blood Retinal Barrier Damage in a Model of Diabetic Macular Edema. <i>Journal of Cellular Physiology</i> , 2017, 232, 1079-1085.	4.1	37
40	PACAP and VIP Inhibit HIF-1 α -Mediated VEGF Expression in a Model of Diabetic Macular Edema. <i>Journal of Cellular Physiology</i> , 2017, 232, 1209-1215.	4.1	48
41	Bone morphogenic protein BMP7 induces adipocyte differentiation and uncoupling protein UCP1 expression in human bone marrow mesenchymal stem cells. <i>Rendiconti Lincei</i> , 2017, 28, 635-641.	2.2	1
42	The Proinflammatory Cytokine GITRL Contributes to TRAIL-mediated Neurotoxicity in the HCN-2 Human Neuronal Cell Line. <i>Current Alzheimer Research</i> , 2017, 14, 1090-1101.	1.4	4
43	Heme oxygenase-1 nuclear translocation regulates bortezomib-induced cytotoxicity and mediates genomic instability in myeloma cells. <i>Oncotarget</i> , 2016, 7, 28868-28880.	1.8	53
44	Toxic Effects of Zinc Chloride on the Bone Development in <i>Danio rerio</i> (Hamilton, 1822). <i>Frontiers in Physiology</i> , 2016, 7, 153.	2.8	51
45	Fluorescence microscopy study on the cytoskeletal displacements during sperm differentiation in the bush-cricket <i>Tylopsis liliifolia</i> (Fabricius) (Orthoptera: Tettigoniidae). <i>Microscopy Research and Technique</i> , 2016, 79, 81-88.	2.2	2
46	Mutagenic properties of linuron and chlorbromuron evaluated by means of cytogenetic biomarkers in mammalian cell lines. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17018-17025.	5.3	4
47	Evidence for a trigeminal mesencephalic-hypoglossal nuclei loop involved in controlling vibrissae movements in the rat. <i>Experimental Brain Research</i> , 2016, 234, 753-761.	1.5	5
48	Parkin modulates expression of HIF-1 α and HIF-3 α during hypoxia in glioblastoma-derived cell lines in vitro. <i>Cell and Tissue Research</i> , 2016, 364, 465-474.	2.9	30
49	CHI3L1 nuclear localization in monocyte derived dendritic cells. <i>Immunobiology</i> , 2016, 221, 347-356.	1.9	31
50	Expression profile of Wilms Tumor 1 (WT1) isoforms in undifferentiated and all-trans retinoic acid differentiated neuroblastoma cells. <i>Genes and Cancer</i> , 2016, 7, 47-58.	1.9	22
51	Role of Nuclear Heme Oxygenase 1 (HO-1) in Bortezomib Induced Cell Death and Genomic Instability of Multiple Myeloma (MM) Cells. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2015, 15, e241.	0.4	0
52	Bortezomib Inhibits Osteoclastogenesis and Bone Resorption Through Modulation of CHIT1 and YKL40 Expression. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2015, 15, e236.	0.4	0
53	Paediatric acute myeloid leukaemia with the t(7;12)(q36;p13) rearrangement: a review of the biological and clinical management aspects. <i>Biomarker Research</i> , 2015, 3, 21.	6.8	26
54	A COI Nonsynonymous Mutation as Diagnostic Tool for Intraspecific Discrimination in the European Anchovy <i>Engraulis encrasicolus</i> (Linnaeus). <i>PLoS ONE</i> , 2015, 10, e0143297.	2.5	18

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55	Bortezomib modulates CHIT1 and YKL40 in monocyte-derived osteoclast and in myeloma cells. <i>Frontiers in Pharmacology</i> , 2015, 6, 226.	3.5	15
56	Chitotriosidase Expression during Monocyte-Derived Dendritic Cells Differentiation and Maturation. <i>Inflammation</i> , 2015, 38, 2082-2091.	3.8	21
57	Expression profile of parkin isoforms in human gliomas. <i>International Journal of Oncology</i> , 2015, 47, 1282-1292.	3.3	29
58	Different Retinal Expression Patterns of IL-1 β , IL-1 γ , and Their Receptors in a Rat Model of Type 1 STZ-Induced Diabetes. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 431-439.	2.3	36
59	Multifunctional magnetic nanoparticles for enhanced intracellular drug transport. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4134-4145.	5.8	20
60	PACAP Modulates Expression of Hypoxia-Inducible Factors in Streptozotocin-Induced Diabetic Rat Retina. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 501-509.	2.3	55
61	Neutralization of TNFSF10 ameliorates functional outcome in a murine model of Alzheimer's disease. <i>Brain</i> , 2015, 138, 203-216.	7.6	62
62	Detection of t(7;12)(q36;p13) in paediatric leukaemia using dual colour fluorescence in situ hybridisation. <i>Hematology and Leukemia</i> , 2015, 3, 4.	0.2	2
63	HLXB9 Gene Expression, and Nuclear Location during In Vitro Neuronal Differentiation in the SK-N-BE Neuroblastoma Cell Line. <i>PLoS ONE</i> , 2014, 9, e105481.	2.5	32
64	Determination of chitinases family during osteoclastogenesis. <i>Bone</i> , 2014, 61, 55-63.	2.9	48
65	Antiproliferative Effects of PACAP and VIP in Serum-Starved Glioma Cells. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 503-513.	2.3	34
66	The footprint of metabolism in the organization of mammalian genomes. <i>BMC Genomics</i> , 2012, 13, 174.	2.8	15
67	Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 89-94.	1.7	29
68	Ectopic expression of the HLXB9 gene is associated with an altered nuclear position in t(7;12) leukaemias. <i>Leukemia</i> , 2009, 23, 1179-1182.	7.2	38
69	The radial arrangement of the human chromosome 7 in the lymphocyte cell nucleus is associated with chromosomal band gene density. <i>Chromosoma</i> , 2008, 117, 399-410.	2.2	38
70	Different functional classes of genes are characterized by different compositional properties. <i>FEBS Letters</i> , 2007, 581, 5819-5824.	2.8	26
71	Human chromosomal bands: nested structure, high-definition map and molecular basis. <i>Chromosoma</i> , 2007, 116, 29-40.	2.2	44
72	Gene-rich and gene-poor chromosomal regions have different locations in the interphase nuclei of cold-blooded vertebrates. <i>Chromosoma</i> , 2006, 115, 123-128.	2.2	45

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73	Identification of Genotoxic Compounds in the Airborne Particulate Matter Endowed by Small Aerodynamic Diameter in the City of Catania (Italy). <i>Annali Di Chimica</i> , 2006, 96, 537-542.	0.6	2
74	Avian genomes: different karyotypes but a similar distribution of the GC-richest chromosome regions at interphase. <i>Chromosome Research</i> , 2005, 13, 785-793.	2.2	24
75	Localization of DNA Sequences Tightly Associated with the Synaptonemal Complex in Compositional Fractions of the Golden Hamster Genome*. <i>Molecular Biology</i> , 2004, 38, 561-567.	1.3	3
76	Altered replication timing of the HIRA/Tuple1 locus in the DiGeorge and Velocardiofacial syndromes. <i>Gene</i> , 2004, 333, 111-119.	2.2	31
77	The pig genome: compositional analysis and identification of the gene-richest regions in chromosomes and nuclei. <i>Gene</i> , 2004, 343, 245-251.	2.2	31
78	Cytogenetic evaluation of extractable agents from airborne particulate matter generated in the city of Catania (Italy). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 561, 45-52.	1.7	21
79	Comparative Compositional Mapping of Chicken and Quail Chromosomes. <i>Russian Journal of Genetics</i> , 2003, 39, 681-686.	0.6	3
80	Crossing Over in Chicken Oogenesis: Cytological and Chiasma-Based Genetic Maps of the Chicken Lampbrush Chromosome 1. , 2002, 93, 125-129.		32
81	Localization of the gene-richest and the gene-poorest isochores in the interphase nuclei of mammals and birds. <i>Gene</i> , 2002, 300, 169-178.	2.2	119
82	Compositional mapping of chicken chromosomes and identification of the gene-richest regions. <i>Chromosome Research</i> , 2001, 9, 521-532.	2.2	54
83	Genes, isochores and bands in human chromosomes 21 and 22. <i>Chromosome Research</i> , 2001, 9, 533-539.	2.2	33
84	Human chromosomal banding by in situ hybridization of isochores. <i>Cytotechnology</i> , 2001, 23, 7-15.	0.7	8
85	Purification of the Aldehyde Oxidase Homolog 1 (AOH1) Protein and Cloning of the AOH1 and Aldehyde Oxidase Homolog 2 (AOH2) Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 46347-46363.	3.4	43
86	Human chromosomal banding by in situ hybridization of isochores. , 2001, , 7-15.		2
87	Telomeres in warm-blooded vertebrates are composed of GC-rich isochores. <i>Biochemical Genetics</i> , 2000, 38, 227-239.	1.7	4
88	Gene density in the Giemsa bands of human chromosomes. <i>Chromosome Research</i> , 2000, 8, 737-746.	2.2	52
89	Molecular structure and evolution of DNA sequences located at the alpha satellite boundary of chromosome 20. <i>Gene</i> , 2000, 256, 43-50.	2.2	10
90	The prometaphase bands of human chromosomes: compositional features and gene distribution. , 2000, , 25-28.		0

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91	Identification of the gene-richest bands in human prometaphase chromosomes. <i>Chromosome Research</i> , 1999, 7, 379-386.	2.2	75
92	The mouse aldehyde oxidase gene: molecular cloning, chromosomal mapping and functional characterization of the 5' flanking region. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1489, 207-222.	2.4	15
93	The Human Serum Deprivation Response Gene (SDPR) Maps to 2q32-q33 and Codes for a Phosphatidylserine-Binding Protein. <i>Genomics</i> , 1999, 57, 120-129.	2.9	63
94	cDNA Characterization and Chromosome Mapping of the Human GAS2 Gene. <i>Genomics</i> , 1998, 48, 265-269.	2.9	17
95	The gene-richest bands of human chromosomes replicate at the onset of the S-phase. <i>Cytogenetic and Genome Research</i> , 1998, 80, 83-88.	1.1	55
96	Assignment of the E1A-regulated transcription factor E4F gene (E4F1) to human chromosome band 16p13.3 by in situ hybridization and somatic cell hybrids. <i>Cytogenetic and Genome Research</i> , 1998, 82, 99-100.	1.1	4
97	A Novel SH3-Containing Human Gene Family Preferentially Expressed in the Central Nervous System. <i>Genomics</i> , 1997, 41, 427-434.	2.9	87
98	Isolation of a Pancreas-Specific Gene Located on Human Chromosome 14q31: Expression Analysis in Human Pancreatic Ductal Carcinomas. <i>Genomics</i> , 1997, 46, 284-286.	2.9	46
99	Compositional Mapping of Mouse Chromosomes and Identification of the Gene-Rich Regions. <i>Chromosome Research</i> , 1997, 5, 293-300.	2.2	29
100	Identification of the gene-richest bands in human chromosomes. <i>Gene</i> , 1996, 174, 85-94.	2.2	96
101	The placenta growth factor gene of the mouse. <i>Mammalian Genome</i> , 1996, 7, 6-12.	2.2	60
102	Regional localization of the human EGF-like growth factor CRIPTO gene (TDGF-1) to chromosome 3p21. <i>Human Genetics</i> , 1995, 95, 229-230.	3.8	25
103	Assignment of the Human GAS6 Gene to Chromosome 13q34 by Fluorescence in Situ Hybridization. <i>Genomics</i> , 1995, 30, 129-131.	2.9	13
104	Molecular Cloning of ID4, a Novel Dominant Negative Helix-Loop-Helix Human Gene on Chromosome 6p21.3-p22. <i>Genomics</i> , 1995, 27, 200-203.	2.9	53
105	Two homologous genes, originated by duplication, encode the human hnRNP proteins A2 and A1. <i>Nucleic Acids Research</i> , 1994, 22, 1996-2002.	14.5	61
106	Structure, function, and chromosome mapping of the growth-suppressing human homologue of the murine gas1 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 1848-1852.	7.1	73
107	Single-copy sequence homology among the GC-richest isochores of the genomes from warm-blooded vertebrates. <i>Journal of Molecular Evolution</i> , 1994, 39, 331-339.	1.8	27
108	Assignment of the Human Cytidine Deaminase (CDA) Gene to Chromosome 1 Band p35-p36.2. <i>Genomics</i> , 1994, 22, 661-662.	2.9	12

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109	Molecular organization and chromosomal location of human GC-rich heterochromatic blocks. <i>Gene</i> , 1993, 123, 227-234.	2.2	43
110	Correlations between isochores and chromosomal bands in the human genome.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 11929-11933.	7.1	162
111	The highest gene concentrations in the human genome are in telomeric bands of metaphase chromosomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 4913-4917.	7.1	342
112	Characterization by yeast artificial chromosome cloning of the linked apolipoprotein(a) and plasminogen genes and identification of the apolipoprotein(a) 5' flanking region.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 11584-11588.	7.1	42
113	The gene for a novel human lamin maps at a highly transcribed locus of chromosome 19 which replicates at the onset of S-phase.. <i>Molecular and Cellular Biology</i> , 1992, 12, 3499-3506.	2.3	125
114	Regional mapping of the human hepatocyte growth factor (HGF)-scatter factor gene to chromosome 7q21.1. <i>Genomics</i> , 1992, 13, 912-914.	2.9	26
115	Assignment of the human heterogeneous nuclear ribonucleoprotein A1 gene (HNRPA1) to chromosome 12q13.1 by cDNA competitive in situ hybridization. <i>Genomics</i> , 1992, 12, 171-174.	2.9	14
116	Interleukin-1-inducible genes in endothelial cells. Cloning of a new gene related to C-reactive protein and serum amyloid P component.. <i>Journal of Biological Chemistry</i> , 1992, 267, 22190-22197.	3.4	364
117	The Gene for a Novel Human Lamin Maps at a Highly Transcribed Locus of Chromosome 19 which Replicates at the Onset of S-Phase. <i>Molecular and Cellular Biology</i> , 1992, 12, 3499-3506.	2.3	68
118	Interleukin-1-inducible genes in endothelial cells. Cloning of a new gene related to C-reactive protein and serum amyloid P component. <i>Journal of Biological Chemistry</i> , 1992, 267, 22190-7.	3.4	313
119	Isolation of sequences that span the fragile X and identification of a fragile X-related CpG island. <i>Science</i> , 1991, 251, 1236-1239.	12.6	181
120	In situ hybridization to cytogenetic bands of yeast artificial chromosomes covering 50% of human Xq24-Xq28 DNA. <i>American Journal of Human Genetics</i> , 1991, 48, 183-94.	6.2	32