Salvatore Saccone

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Activity-Dependent Neuroprotective Protein (ADNP)-Derived Peptide (NAP) Counteracts UV-B Radiation-Induced ROS Formation in Corneal Epithelium. Antioxidants, 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. International Journal of Molecular Sciences, 2021, 22, 2338.	4.1	6
4	Beyond virology: environmental constraints of the first wave of COVID-19 cases in Italy. Environmental Science and Pollution Research, 2021, 28, 31996-32004.	5.3	6
5	Morphological Evidence of Telocytes in Skeletal Muscle Interstitium of Exercised and Sedentary Rodents. Biomedicines, 2021, 9, 807.	3.2	11
6	Effect of PACAP on Hypoxia-Induced Angiogenesis and Epithelial–Mesenchymal Transition in Glioblastoma. Biomedicines, 2021, 9, 965.	3.2	9
7	Targeting the miRNA-155/TNFSF10 network restrains inflammatory response in the retina in a mouse model of Alzheimer's disease. Cell Death and Disease, 2021, 12, 905.	6.3	16
8	Modulatory role of PACAP and VIP on HIFs expression in lung adenocarcinoma. Peptides, 2021, 146, 170672.	2.4	7
9	Chromosomal Rearrangements and Altered Nuclear Organization: Recent Mechanistic Models in Cancer. Cancers, 2021, 13, 5860.	3.7	8
10	Protective effect of PACAP against ultraviolet B radiation-induced human corneal endothelial cell injury. Neuropeptides, 2020, 79, 101978.	2.2	19
11	The Interplay between Fe3O4 Superparamagnetic Nanoparticles, Sodium Butyrate, and Folic Acid for Intracellular Transport. International Journal of Molecular Sciences, 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. Frontiers in Cell and Developmental Biology, 2020, 8, 100.	3.7	23
13	PACAP Modulates the Autophagy Process in an In Vitro Model of Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2020, 21, 2943.	4.1	28
14	Beneficial effects of curtailing immune susceptibility in an Alzheimer's disease model. Journal of Neuroinflammation, 2019, 16, 166.	7.2	27
15	Swordfish or Shark Slice? A Rapid Response by COIBar–RFLP. Foods, 2019, 8, 537.	4.3	20
16	Buccal micronucleus assay in human populations from Sicily (Italy) exposed to petrochemical industry pollutants. Environmental Science and Pollution Research, 2019, 26, 7048-7054.	5.3	7
17	Involvement of A3 Adenosine Receptor in Neuroblastoma Progression via Modulation of the Hypoxic/Angiogenic Pathway. Journal of Molecular Neuroscience, 2019, 69, 166-176.	2.3	4
18	Study of a Miniaturizable System for Optical Sensing Application to Human Cells. Applied Sciences (Switzerland), 2019, 9, 975.	2.5	7

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19	Deletions of Chromosome 7q Affect Nuclear Organization and HLXB9Gene Expression in Hematological Disorders. Cancers, 2019, 11, 585.	3.7	21
20	NAP modulates hyperglycemic–inflammatory event of diabetic retina by counteracting outer blood retinal barrier damage. Journal of Cellular Physiology, 2019, 234, 5230-5240.	4.1	20
21	PACAP through EGFR transactivation preserves human corneal endothelial integrity. Journal of Cellular Biochemistry, 2019, 120, 10097-10105.	2.6	32
22	Molecular mechanisms involved in the protective effect of pituitary adenylate cyclaseâ€activating polypeptide in an in vitro model of amyotrophic lateral sclerosis. Journal of Cellular Physiology, 2019, 234, 5203-5214.	4.1	33
23	Caffeine Effect on HIFs/VEGF Pathway in Human Glioblastoma Cells Exposed to Hypoxia. Anti-Cancer Agents in Medicinal Chemistry, 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. Journal of Clinical Forensic and Legal Medicine, 2018, 56, 66-72.	1.0	2
25	Phosphorylated nucleolar Tau protein is related to the neuronal in vitro differentiation. Gene, 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. Journal of Cellular Physiology, 2018, 233, 1120-1128.	4.1	39
27	Differential expression of PARK2 splice isoforms in an in vitro model of dopaminergicâ€like neurons exposed to toxic insults mimicking Parkinson's disease. Journal of Cellular Biochemistry, 2018, 119, 1062-1073.	2.6	3
28	PACAP and VIP regulate hypoxia-inducible factors in neuroblastoma cells exposed to hypoxia. Neuropeptides, 2018, 69, 84-91.	2.2	31
29	Differential flatfish species detection by COIBar-RFLP in processed seafood products. European Food Research and Technology, 2018, 244, 2191-2201.	3.3	11
30	PACAP and VIP regulate hypoxia-inducible factors in neuroblastoma cells exposed to hypoxia. Neuropeptides, 2018, 69, 84-91.	2.2	13
31	Caffeine Prevents Blood Retinal Barrier Damage in a Model, In Vitro, of Diabetic Macular Edema. Journal of Cellular Biochemistry, 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. Human Genetics, 2017, 136, 867-873.	3.8	7
33	Nap Interferes with Hypoxia-Inducible Factors and VEGF Expression in Retina of Diabetic Rats. Journal of Molecular Neuroscience, 2017, 61, 256-266.	2.3	35
34	Modulation of IL- 1^2 and VEGF expression in rat diabetic retinopathy after PACAP administration. Peptides, 2017, 97, 64-69.	2.4	33
35	Aging dependent effect of nuclear tau. Brain Research, 2017, 1677, 129-137.	2.2	37
36	Nicotine promotes blood retinal barrier damage in a model of human diabetic macular edema. Toxicology in Vitro, 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. Chromosome Research, 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). Cytogenetic and Genome Research, 2017, 153, 10-17.	1.1	3
39	VIP Family Members Prevent Outer Blood Retinal Barrier Damage in a Model of Diabetic Macular Edema. Journal of Cellular Physiology, 2017, 232, 1079-1085.	4.1	37
40	PACAP and VIP Inhibit HIFâ€1αâ€Mediated VEGF Expression in a Model of Diabetic Macular Edema. Journal of Cellular Physiology, 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. Rendiconti Lincei, 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. Current Alzheimer Research, 2017, 14, 1090-1101.	1.4	4
43	Heme oxygenase-1 nuclear translocation regulates bortezomib-induced cytotoxicity and mediates genomic instability in myeloma cells. Oncotarget, 2016, 7, 28868-28880.	1.8	53
44	Toxic Effects of Zinc Chloride on the Bone Development in Danio rerio (Hamilton, 1822). Frontiers in Physiology, 2016, 7, 153.	2.8	51
45	Fluorescence microscopy study on the cytoskeletal displacements during sperm differentiation in the bushâ€cricket <i>Tylopsis liliifolia</i> (Fabricius) (Orthoptera: Tettigoniidae). Microscopy Research and Technique, 2016, 79, 81-88.	2.2	2
46	Mutagenic properties of linuron and chlorbromuron evaluated by means of cytogenetic biomarkers in mammalian cell lines. Environmental Science and Pollution Research, 2016, 23, 17018-17025.	5.3	4
47	Evidence for a trigeminal mesencephalic-hypoglossal nuclei loop involved in controlling vibrissae movements in the rat. Experimental Brain Research, 2016, 234, 753-761.	1.5	5
48	Parkin modulates expression of HIF-1α and HIF-3α during hypoxia in gliobastoma-derived cell lines in vitro. Cell and Tissue Research, 2016, 364, 465-474.	2.9	30
49	CHI3L1 nuclear localization in monocyte derived dendritic cells. Immunobiology, 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. Genes and Cancer, 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. Clinical Lymphoma, Myeloma and Leukemia, 2015, 15, e241.	0.4	0
52	Bortezomib Inhibits Osteoclastogenesis and Bone Resorption Through Modulation of CHIT1 and YKL40 Expression. Clinical Lymphoma, Myeloma and Leukemia, 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. Biomarker Research, 2015, 3, 21.	6.8	26
54	A COI Nonsynonymous Mutation as Diagnostic Tool for Intraspecific Discrimination in the European Anchovy Engraulis encrasicolus (Linnaeus). PLoS ONE, 2015, 10, e0143297.	2.5	18

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55	Bortezomib modulates CHIT1 and YKL40 in monocyte-derived osteoclast and in myeloma cells. Frontiers in Pharmacology, 2015, 6, 226.	3.5	15
56	Chitotriosidase Expression during Monocyte-Derived Dendritic Cells Differentiation and Maturation. Inflammation, 2015, 38, 2082-2091.	3.8	21
57	Expression profile of parkin isoforms in human gliomas. International Journal of Oncology, 2015, 47, 1282-1292.	3.3	29
58	Different Retinal Expression Patterns of IL-1α, IL-1β, and Their Receptors in a Rat Model of Type 1 STZ-Induced Diabetes. Journal of Molecular Neuroscience, 2015, 56, 431-439.	2.3	36
59	Multifunctional magnetic nanoparticles for enhanced intracellular drug transport. Journal of Materials Chemistry B, 2015, 3, 4134-4145.	5.8	20
60	PACAP Modulates Expression of Hypoxia-Inducible Factors in Streptozotocin-Induced Diabetic Rat Retina. Journal of Molecular Neuroscience, 2015, 57, 501-509.	2.3	55
61	Neutralization of TNFSF10 ameliorates functional outcome in a murine model of Alzheimer's disease. Brain, 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. Hematology and Leukemia, 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. PLoS ONE, 2014, 9, e105481.	2.5	32
64	Determination of chitinases family during osteoclastogenesis. Bone, 2014, 61, 55-63.	2.9	48
65	Antiproliferative Effects of PACAP and VIP in Serum-Starved Glioma Cells. Journal of Molecular Neuroscience, 2013, 51, 503-513.	2.3	34
66	The footprint of metabolism in the organization of mammalian genomes. BMC Genomics, 2012, 13, 174.	2.8	15
67	Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 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. Leukemia, 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. Chromosoma, 2008, 117, 399-410.	2.2	38
70	Different functional classes of genes are characterized by different compositional properties. FEBS Letters, 2007, 581, 5819-5824.	2.8	26
71	Human chromosomal bands: nested structure, high-definition map and molecular basis. Chromosoma, 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. Chromosoma, 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). Annali Di Chimica, 2006, 96, 537-542.	0.6	2
74	Avian genomes: different karyotypes but a similar distribution of the GC-richest chromosome regions at interphase. Chromosome Research, 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*. Molecular Biology, 2004, 38, 561-567.	1.3	3
76	Altered replication timing of the HIRA/Tuple1 locus in the DiGeorge and Velocardiofacial syndromes. Gene, 2004, 333, 111-119.	2.2	31
77	The pig genome: compositional analysis and identification of the gene-richest regions in chromosomes and nuclei. Gene, 2004, 343, 245-251.	2.2	31
78	Cytogenetic evaluation of extractable agents from airborne particulate matter generated in the city of Catania (Italy). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 561, 45-52.	1.7	21
79	Comparative Compositional Mapping of Chicken and Quail Chromosomes. Russian Journal of Genetics, 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. Gene, 2002, 300, 169-178.	2.2	119
82	Compositional mapping of chicken chromosomes and identification of the gene-richest regions. Chromosome Research, 2001, 9, 521-532.	2.2	54
83	Genes, isochores and bands in human chromosomes 21 and 22. Chromosome Research, 2001, 9, 533-539.	2.2	33
84	Human chromosomal banding by in situ hybridization of isochores. Cytotechnology, 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. Journal of Biological Chemistry, 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. Biochemical Genetics, 2000, 38, 227-239.	1.7	4
88	Gene density in the Giemsa bands of human chromosomes. Chromosome Research, 2000, 8, 737-746.	2.2	52
89	Molecular structure and evolution of DNA sequences located at the alpha satellite boundary of chromosome 20. Gene, 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. Chromosome Research, 1999, 7, 379-386.	2.2	75
92	The mouse aldehyde oxidase gene: molecular cloning, chromosomal mapping and functional characterization of the 5â€2-flanking region. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1489, 207-222.	2.4	15
93	The HumanSerum Deprivation ResponseGene (SDPR) Maps to 2q32–q33 and Codes for a Phosphatidylserine-Binding Protein. Genomics, 1999, 57, 120-129.	2.9	63
94	cDNA Characterization and Chromosome Mapping of the Human GAS2 Gene. Genomics, 1998, 48, 265-269.	2.9	17
95	The gene-richest bands of human chromosomes replicate at the onset of the S-phase. Cytogenetic and Genome Research, 1998, 80, 83-88.	1.1	55
96	Assignment <footref rid="foot01">¹</footref> of the E1A-regulated transcription factor E4F gene (E4F1) to human chromosome band 16p13.3 by in situ hybridization and somatic cell hybrids. Cytogenetic and Genome Research, 1998, 82, 99-100.	1.1	4
97	A Novel SH3-Containing Human Gene Family Preferentially Expressed in the Central Nervous System. Genomics, 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. Genomics, 1997, 46, 284-286.	2.9	46
99	Compositional Mapping of Mouse Chromosomes and Identification of the Gene-Rich Regions. Chromosome Research, 1997, 5, 293-300.	2.2	29
100	Identification of the gene-richest bands in human chromosomes. Gene, 1996, 174, 85-94.	2.2	96
101	The placenta growth factor gene of the mouse. Mammalian Genome, 1996, 7, 6-12.	2.2	60
102	Regional localization of th human EGF-like growth factor CRIPTO gene (TDGF-1) to chromosome 3p21. Human Genetics, 1995, 95, 229-230.	3.8	25
103	Assignment of the HumanGAS6Gene to Chromosome 13q34 by Fluorescencein SituHybridization. Genomics, 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. Genomics, 1995, 27, 200-203.	2.9	53
105	Two homologous genes, originated by duplication, encode the human hnRNP proteins A2 and A1. Nucleic Acids Research, 1994, 22, 1996-2002.	14.5	61
106	Structure, function, and chromosome mapping of the growth-suppressing human homologue of the murine gas1 gene Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 1848-1852.	7.1	73
107	Single-copy sequence homology among the GC-richest isochores of the genomes from warm-blooded vertebrates. Journal of Molecular Evolution, 1994, 39, 331-339.	1.8	27
108	Assignment of the Human Cytidine Deaminase (CDA) Gene to Chromosome 1 Band p35-p36.2. Genomics, 1994, 22, 661-662.	2.9	12

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109	Molecular organization and chromosomal location of human GC-rich heterochromatic blocks. Gene, 1993, 123, 227-234.	2.2	43
110	Correlations between isochores and chromosomal bands in the human genome Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11929-11933.	7.1	162
111	The highest gene concentrations in the human genome are in telomeric bands of metaphase chromosomes Proceedings of the National Academy of Sciences of the United States of America, 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 Proceedings of the National Academy of Sciences of the United States of America, 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 Molecular and Cellular Biology, 1992, 12, 3499-3506.	2.3	125
114	Regional mapping of the human hepatocyte growth factor (HGF)-scatter factor gene to chromosome 7q21.1. Genomics, 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. Genomics, 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 Journal of Biological Chemistry, 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. Molecular and Cellular Biology, 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. Journal of Biological Chemistry, 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. Science, 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. American Journal of Human Genetics, 1991, 48, 183-94.	6.2	32