Massimo Zollo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2859824/publications.pdf

Version: 2024-02-01

	81900	48315
8,276	39	88
citations	h-index	g-index
139	139	12443
docs citations	times ranked	citing authors
	citations 139	8,276 39 citations h-index 139 139

#	Article	lF	CITATIONS
1	A New Butyrate Releaser Exerts a Protective Action against SARS-CoV-2 Infection in Human Intestine. Molecules, 2022, 27, 862.	3.8	18
2	Loss of Detection of sgN Precedes Viral Abridged Replication in COVID-19-Affected Patients—A Target for SARS-CoV-2 Propagation. International Journal of Molecular Sciences, 2022, 23, 1941.	4.1	4
3	SARS-CoV-2 Pandemic Tracing in Italy Highlights Lineages with Mutational Burden in Growing Subsets. International Journal of Molecular Sciences, 2022, 23, 4155.	4.1	3
4	Molecular detection of SARS-CoV-2 eta VOI in Northern Italy: a case report. Clinical Chemistry and Laboratory Medicine, 2022, 60, 61-63.	2.3	0
5	Germline rare variants of lectin pathway genes predispose to asymptomatic SARS-CoV-2 infection in elderly individuals. Genetics in Medicine, 2022, , .	2.4	7
6	A Novel Human Neutralizing mAb Recognizes Delta, Gamma and Omicron Variants of SARS-CoV-2 and Can Be Used in Combination with Sotrovimab. International Journal of Molecular Sciences, 2022, 23, 5556.	4.1	3
7	SARS-CoV-2 Subgenomic N (sgN) Transcripts in Oro-Nasopharyngeal Swabs Correlate with the Highest Viral Load, as Evaluated by Five Different Molecular Methods. Diagnostics, 2021, 11, 288.	2.6	25
8	The metastasis suppressor protein NM23-H1 modulates the PI3K-AKT axis through interaction with the p110 \hat{l} ± catalytic subunit. Oncogenesis, 2021, 10, 34.	4.9	10
9	Common variants at 21q22.3 locus influence MX1 and TMPRSS2 gene expression and susceptibility to severe COVID-19. IScience, 2021, 24, 102322.	4.1	60
10	Seroprevalence of SARS-CoV-2-specific antibodies in the town of Ariano Irpino (Avellino, Campania,) Tj ETQq0 (0 0 rgBT /Ov	verlock 10 Tf 5
11	Regulatory Noncoding and Predicted Pathogenic Coding Variants of CCR5 Predispose to Severe COVID-19. International Journal of Molecular Sciences, 2021, 22, 5372.	4.1	16
12	Novel human neutralizing mAbs specific for Spike-RBD of SARS-CoV-2. Scientific Reports, 2021, 11, 11046.	3.3	13
13	The TNFRSF13C H159Y Variant Is Associated with Severe COVID-19: A Retrospective Study of 500 Patients from Southern Italy. Genes, 2021, 12, 881.	2.4	12
14	Long-chain polyphosphates impair SARS-CoV-2 infection and replication. Science Signaling, 2021, 14, .	3.6	27
15	Prune-1 drives polarization of tumor-associated macrophages (TAMs) within the lung metastatic niche in triple-negative breast cancer. IScience, 2021, 24, 101938.	4.1	11
16	Functional Genomics of PRUNE1 in Neurodevelopmental Disorders (NDDs) Tied to Medulloblastoma (MB) and Other Tumors. Frontiers in Oncology, 2021, 11, 758146.	2.8	7
17	Protective effects elicited by cow milk fermented with L. Paracasei CBAL74 against SARS-CoV-2 infection in human enterocytes. Journal of Functional Foods, 2021, 87, 104787.	3.4	9
18	Identification of SARS-CoV-2 Proteins from Nasopharyngeal Swabs Probed by Multiple Reaction Monitoring Tandem Mass Spectrometry. ACS Omega, 2021, 6, 34945-34953.	3.5	10

#	Article	IF	Citations
19	Durability of Humoral Immune Responses to SARS-CoV-2 in Citizens of Ariano Irpino (Campania, Italy): A Longitudinal Observational Study With an 11.5-Month Follow-Up. Frontiers in Public Health, 2021, 9, 801609.	2.7	5
20	A Structurally Simple Vaccine Candidate Reduces Progression and Dissemination of Triple-Negative Breast Cancer. IScience, 2020, 23, 101250.	4.1	14
21	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. Cell Reports Medicine, 2020, 1, 100038.	6.5	24
22	Biallelic mutations in neurofascin cause neurodevelopmental impairment and peripheral demyelination. Brain, 2019, 142, 2948-2964.	7.6	43
23	Metastatic group 3 medulloblastoma is driven by PRUNE1 targeting NME1–TGF-β–OTX2–SNAIL via PTEN inhibition. Brain, 2018, 141, 1300-1319.	7.6	22
24	A competitive cell-permeable peptide impairs Nme-1 (NDPK-A) and Prune-1 interaction: therapeutic applications in cancer. Laboratory Investigation, 2018, 98, 571-581.	3.7	5
25	RIP1–HAT1–SIRT Complex Identification and Targeting in Treatment and Prevention of Cancer. Clinical Cancer Research, 2018, 24, 2886-2900.	7.0	40
26	MBRS-52. TARGETING PRUNE-1 IN A GEMM OF METASTATIC MEDULLOBLASTOMA: A POTENTIAL ROUTE OF INHIBITION FOR NEW FUTURE THERAPIES. Neuro-Oncology, 2018, 20, i139-i139.	1.2	0
27	Heterogeneity within the PF-EPN-B ependymoma subgroup. Acta Neuropathologica, 2018, 136, 227-237.	7.7	86
28	Immunotherapy Bridge 2017 and Melanoma Bridge 2017: meeting abstracts. Journal of Translational Medicine, 2018, 16, .	4.4	2
29	Intertumoral Heterogeneity within Medulloblastoma Subgroups. Cancer Cell, 2017, 31, 737-754.e6.	16.8	836
30	The phenotypic and molecular spectrum of PEHO syndrome and PEHO-like disorders. Brain, 2017, 140, e49-e49.	7.6	33
31	PRUNE is crucial for normal brain development and mutated in microcephaly with neurodevelopmental impairment. Brain, 2017, 140, 940-952.	7.6	62
32	Reply: PRUNE1: a disease-causing gene for secondary microcephaly. Brain, 2017, 140, e62-e62.	7.6	0
33	In vivo bioluminescence imaging using orthotopic xenografts towards patient's derived-xenograft Medulloblastoma models. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 95-101.	0.7	5
34	Fenretinide (4-HPR) Targets Caspase-9, ERK $1/2$ and the Wnt3a/ \hat{l}^2 -Catenin Pathway in Medulloblastoma Cells and Medulloblastoma Cell Spheroids. PLoS ONE, 2016, 11, e0154111.	2.5	24
35	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. Journal of Clinical Oncology, 2016, 34, 2468-2477.	1.6	160
36	Natural compounds for pediatric cancer treatment. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 131-149.	3.0	26

#	Article	IF	Citations
37	Prune. , 2016, , 3840-3843.		O
38	Glioblastoma stem cells differentiation through epigenetic modulation is driven by miR-296-5p/HMGA1/Sox2 axis. Translational Cancer Research, 2016, 5, S782-S788.	1.0	2
39	<scp>M</scp> i <scp>R</scp> â€34a deficiency accelerates medulloblastoma formation <i>in vivo</i> lnternational Journal of Cancer, 2015, 136, 2293-2303.	5.1	40
40	A functional connectome: regulation of Wnt/TCF-dependent transcription by pairs of pathway activators. Molecular Cancer, 2015, 14, 206.	19.2	15
41	Molecular Biology and Genetics of Medulloblastoma. , 2015, , 265-286.		0
42	Progress on Nme (NDP kinase/Nm23/Awd) gene family-related functions derived from animal model systems: studies on development, cardiovascular disease, and cancer metastasis exemplified. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 109-117.	3.0	13
43	A therapeutic approach to treat prostate cancer by targeting Nm23-H1/h-Prune interaction. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 257-269.	3.0	20
44	Tissue invasion and metastasis: Molecular, biological and clinical perspectives. Seminars in Cancer Biology, 2015, 35, S244-S275.	9.6	408
45	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	9.6	220
46	Early Targets of miR-34a in Neuroblastoma. Molecular and Cellular Proteomics, 2014, 13, 2114-2131.	3.8	29
47	Cytogenetic Prognostication Within Medulloblastoma Subgroups. Journal of Clinical Oncology, 2014, 32, 886-896.	1.6	263
48	H-Prune through GSK-3 \hat{l}^2 interaction sustains canonical WNT/ \hat{l}^2 -catenin signaling enhancing cancer progression in NSCLC. Oncotarget, 2014, 5, 5736-5749.	1.8	42
49	Immune Cells Within the Tumor Microenvironment. , 2014, , 1-23.		2
50	MicroRNA 199b-5p delivery through stable nucleic acid lipid particles (SNALPs) in tumorigenic cell lines. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 287-302.	3.0	30
51	Genetics of recurrent medulloblastoma. Lancet Oncology, The, 2013, 14, 1147-1148.	10.7	7
52	Dipyridamole prevents triple-negative breast-cancer progression. Clinical and Experimental Metastasis, 2013, 30, 47-68.	3.3	48
53	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. Acta Neuropathologica, 2013, 126, 917-929.	7.7	146
54	Epigenetic Silencing of DKK3 in Medulloblastoma. International Journal of Molecular Sciences, 2013, 14, 7492-7505.	4.1	18

#	Article	IF	CITATIONS
55	Mapping Functional Interaction Sites of Human Prune Câ€Terminal Domain by NMR Spectroscopy in Human Cell Lysates. Chemistry - A European Journal, 2013, 19, 12217-12220.	3.3	12
56	Neuroblastoma tumorigenesis is regulated through the Nm23-H1/h-Prune C-terminal interaction. Scientific Reports, 2013, 3, 1351.	3.3	34
57	gH625 is a viral derived peptide for effective delivery of intrinsically disordered proteins. International Journal of Nanomedicine, 2013, 8, 2555.	6.7	20
58	$GSK3\hat{I}^2$ regulates physiological migration of stem/progenitor cells via cytoskeletal rearrangement. Journal of Clinical Investigation, 2013, 123, 1705-1717.	8.2	32
59	$GSK3\hat{I}^2$ regulates physiological migration of stem/progenitor cells via cytoskeletal rearrangement. Journal of Clinical Investigation, 2013, 123, 3183-3183.	8.2	O
60	The micro-RNA 199b-5p regulatory circuit involves Hes1, CD15, and epigenetic modifications in medulloblastoma. Neuro-Oncology, 2012, 14, 596-612.	1.2	48
61	The metallophosphodiesterase Mpped2 impairs tumorigenesis in neuroblastoma. Cell Cycle, 2012, 11, 569-581.	2.6	30
62	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. Nature, 2012, 488, 49-56.	27.8	761
63	Novel pyrimidopyrimidine derivatives for inhibition of cellular proliferation and motility induced by h-prune in breast cancer. European Journal of Medicinal Chemistry, 2012, 57, 41-50.	5.5	22
64	Spatial and temporal expressions of prune reveal a role in MÃ $\frac{1}{4}$ ller gliogenesis during Xenopus retinal development. Gene, 2012, 509, 93-103.	2.2	8
65	Targeting monocyte chemotactic protein-1 synthesis with bindarit induces tumor regression in prostate and breast cancer animal models. Clinical and Experimental Metastasis, 2012, 29, 585-601.	3.3	84
66	Molecular networks that regulate cancer metastasis. Seminars in Cancer Biology, 2012, 22, 234-249.	9.6	296
67	Tumor microenvironment: a main actor in the metastasis process. Clinical and Experimental Metastasis, 2012, 29, 381-395.	3.3	155
68	Norcantharidin impairs medulloblastoma growth by inhibition of Wnt/ \hat{l}^2 -catenin signaling. Journal of Neuro-Oncology, 2012, 106, 59-70.	2.9	36
69	Loss of 10q26.1–q26.3 in association with 7q34–q36.3 gain or 17q24.3–q25.3 gain predict poor outcome in pediatric medulloblastoma. Cancer Letters, 2011, 308, 215-224.	7.2	3
70	Upregulation of miR-21 by Ras in vivo and its role in tumor growth. Oncogene, 2011, 30, 275-286.	5.9	130
71	Correlation of NM23-H1 cytoplasmic expression with metastatic stage in human prostate cancer tissue. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 489-498.	3.0	25
72	A critical evaluation of biochemical activities reported for the nucleoside diphosphate kinase/Nm23/Awd family proteins: opportunities and missteps in understanding their biological functions. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 331-339.	3.0	37

#	Article	IF	Citations
73	Detection of erbB2 copy number variations in plasma of patients with esophageal carcinoma. BMC Cancer, 2011, 11, 126.	2.6	22
74	MiR-34a Targeting of Notch Ligand Delta-Like 1 Impairs CD15+/CD133+ Tumor-Propagating Cells and Supports Neural Differentiation in Medulloblastoma. PLoS ONE, 2011, 6, e24584.	2.5	149
75	Prune., 2011,, 3108-3111.		0
76	ASAP1 promotes tumor cell motility and invasiveness, stimulates metastasis formation in vivo, and correlates with poor survival in colorectal cancer patients. Oncogene, 2010, 29, 2393-2403.	5.9	85
77	The Quassinoid Derivative NBT-272 Targets Both the AKT and ERK Signaling Pathways in Embryonal Tumors. Molecular Cancer Therapeutics, 2010, 9, 3145-3157.	4.1	14
78	Regulation of divalent metal transporter 1 (DMT1) non-IRE isoform by the microRNA Let-7d in erythroid cells. Haematologica, 2010, 95, 1244-1252.	3.5	82
79	The miR-17-92 MicroRNA Cluster Regulates Multiple Components of the TGF-Î ² Pathway in Neuroblastoma. Molecular Cell, 2010, 40, 762-773.	9.7	279
80	$GSK3\hat{I}^2$ Signaling Regulates the Motility of Hematopoietic Progenitors Via Prune Blood, 2010, 116, 1553-1553.	1.4	0
81	MicroRNA-199b-5p Impairs Cancer Stem Cells through Negative Regulation of HES1 in Medulloblastoma. PLoS ONE, 2009, 4, e4998.	2.5	233
82	The Nm23-H1â€"h-Prune complex in cellular physiology: a â€~tip of the iceberg' protein network perspective. Molecular and Cellular Biochemistry, 2009, 329, 149-159.	3.1	32
83	Xenopus NM23-X4 regulates retinal gliogenesis through interaction with p27Xic1. Neural Development, 2009, 4, 1.	2.4	33
84	Galectin-1 is a major effector of TrkB-mediated neuroblastoma aggressiveness. Oncogene, 2009, 28, 2015-2023.	5.9	61
85	Phosphorylation of nm23-H1 by CKI induces its complex formation with h-prune and promotes cell motility. Oncogene, 2008, 27, 1853-1864.	5.9	48
86	Investigating h-Prune activation of Wnt signalling in breast cancer. Breast Cancer Research, 2008, 10, .	5.0	0
87	Human Metastasis Regulator Protein H-Prune is a Short-Chain Exopolyphosphatase. Biochemistry, 2008, 47, 9707-9713.	2.5	120
88	Regulation of DMT1 (non IRE isoform) by MicroRNA LET-7D. Blood, 2008, 112, 416-416.	1.4	0
89	Prune. , 2008, , 2487-2489.		0
90	Domain mapping on the human metastasis regulator protein h-Prune reveals a C-terminal dimerization domain. Biochemical Journal, 2007, 407, 199-205.	3.7	16

#	Article	lF	Citations
91	New mutations identified in the ocular albinism type 1 gene. Gene, 2007, 402, 20-27.	2.2	5
92	Comparative Proteomic Expression Profile in All-transRetinoic Acid Differentiated Neuroblastoma Cell Line. Journal of Proteome Research, 2007, 6, 2550-2564.	3.7	30
93	Molecular classification of nodal metastasis in primary larynx squamous cell carcinoma. Translational Research, 2007, 150, 233-245.	5.0	25
94	Understanding h-prune biology in the fight against cancer. Clinical and Experimental Metastasis, 2007, 24, 637-645.	3.3	19
95	H-prune-nm23-H1 protein complex and correlation to pathways in cancer metastasis. Journal of Bioenergetics and Biomembranes, 2006, 38, 205-213.	2.3	33
96	PRUNE and NM23-M1 expression in embryonic and adult mouse brain. Journal of Bioenergetics and Biomembranes, 2006, 38, 233-246.	2.3	30
97	Glycogen Synthase Kinase 3 and h-prune Regulate Cell Migration by Modulating Focal Adhesions. Molecular and Cellular Biology, 2006, 26, 898-911.	2.3	111
98	Telencephalic Embryonic Subtractive Sequences: A Unique Collection of Neurodevelopmental Genes. Journal of Neuroscience, 2005, 25, 7586-7600.	3.6	6
99	Tagging genes with cassette-exchange sites. Nucleic Acids Research, 2005, 33, e44-e44.	14.5	18
100	Overexpression of h-prune in breast cancer is correlated with advanced disease status. Clinical Cancer Research, 2005, 11, 199-205.	7.0	32
101	Unraveling Genes and Pathways Influenced by H-Prune PDE Overexpression: A Model to Study Cellular Motility. Cell Cycle, 2004, 3, 756-759.	2.6	33
102	Prune cAMP phosphodiesterase binds nm23-H1 and promotes cancer metastasis. Cancer Cell, 2004, 5, 137-149.	16.8	132
103	Unraveling genes and pathways influenced by H-prune PDE overexpression: a model to study cellular motility. Cell Cycle, 2004, 3, 758-61.	2.6	15
104	Method to express and purify nm23-H2 protein from baculovirus-infected cells. BioTechniques, 2003, 35, 384-391.	1.8	12
105	Allelic polymorphisms in the transcriptional regulatory region of human SEL1L. Mutation Research - Mutation Research Genomics, 2001, 458, 71-76.	1.1	5
106	Complete mutation scanning of the human SEL 1L gene: a candidate gene for type 1 diabetes. Acta Diabetologica, 2001, 38, 191-192.	2.5	8
107	No evidence for SEL1L as a candidate gene for IDDM11-conferred susceptibility. Diabetes/Metabolism Research and Reviews, 2001, 17, 292-295.	4.0	14
108	Amplification and overexpression of PRUNE in human sarcomas and breast carcinomas–a possible mechanism for altering the nm23-H1 activity. Oncogene, 2001, 20, 6881-6890.	5.9	52

#	Article	IF	CITATIONS
109	SEL1L, the human homolog of C. elegans sel-1: refined physical mapping, gene structure and identification of polymorphic markers. Human Genetics, 2000, 106, 227-235.	3.8	20
110	Identification of two paralogous regions mapping to the short and long arms of human chromosome 2 comprising LIS1 pseudogenes. Cytogenetic and Genome Research, 1999, 86, 225-232.	1.1	6
111	Evidence for interaction between human PRUNE and nm23-H1 NDPKinase. Oncogene, 1999, 18, 7244-7252.	5.9	77
112	Host response to EBV infection in X-linked lymphoproliferative disease results from mutations in an SH2-domain encoding gene. Nature Genetics, 1998, 20, 129-135.	21.4	720
113	A new candidate region for the positional cloning of the XLP gene. European Journal of Human Genetics, 1998, 6, 509-517.	2.8	11
114	FACL4, a New Gene Encoding Long-Chain Acyl-CoA Synthetase 4, Is Deleted in a Family with Alport Syndrome, Elliptocytosis, and Mental Retardation. Genomics, 1998, 47, 350-358.	2.9	114
115	The Gene Encoding a Cationic Amino Acid Transporter (SLC7A4) Maps to the Region Deleted in the Velocardiofacial Syndrome. Genomics, 1998, 49, 230-236.	2.9	52
116	A method for point mutation analysis that links SSCP and dye primer fluorescent sequencing. Molecular and Cellular Probes, 1998, 12, 125-131.	2.1	4
117	Sequencing Analysis of Forty-Eight Human Image cDNA Clones Similar to Drosophila Mutant Protein. DNA Sequence, 1998, 9, 307-315.	0.7	5
118	A Method to Direct Sequence Cosmid LAWRIST16 Clones. DNA Sequence, 1997, 7, 229-233.	0.7	2
119	Identification by Shotgun Sequencing, Genomic Organization, and Functional Analysis of a Fourth Arylsulfatase Gene (ARSF) from the Xp22.3 Region. Genomics, 1997, 42, 192-199.	2.9	37
120	A semi-automated method for preparing high-quality plasmid templates in 96-well format ready for automated DNA sequencing. Technical Tips Online, 1997, 2, 184-187.	0.2	0
121	Rox, a novel bHLHZip protein expressed in quiescent cells that heterodimerizes with Max, binds a non-canonical E box and acts as a transcriptional repressor. EMBO Journal, 1997, 16, 2892-2906.	7.8	126
122	A mammalian homologue of the Drosophila retinal degeneration B gene: implications for the evolution of phototransduction mechanisms. Genes and Function, 1997, 1, 205-213.	2.8	16
123	Molecular Cloning, Expression Pattern, and Chromosomal Localization of the Human Na–Cl Thiazide-Sensitive Cotransporter (SLC12A3). Genomics, 1996, 35, 486-493.	2.9	123
124	Identification and mapping of human cDNAs homologous to Drosophila mutant genes through EST database searching. Nature Genetics, 1996, 13, 167-174.	21.4	177
125	Long-range sequence analysis in Xq28: thirteen known and six candidate genes in 219.4 kb of high GC DNA between the RCP/GCP and G6PD loci. Human Molecular Genetics, 1996, 5, 659-668.	2.9	69
126	Sequence and gene content in 52 kb including and centromeric to the G6PD gene in Xq28. DNA Sequence, 1995, 6, 1-11.	0.7	11

#	Article	IF	CITATIONS
127	A manual high-throughput M13 DNA preparation. BioTechniques, 1994, 16, 370-2.	1.8	5
128	Use of a sensitive fluorescent intercalating dye to detect PCR products of low copy number and high molecular weight Genome Research, 1993, 3, 115-119.	5.5	7
129	Sequence of mouse glucose-6-phosphate dehydrogenase cDNA. DNA Sequence, 1993, 3, 319-322.	0.7	26
130	Screening for steroid sulfatase (STS) gene deletions by multiplex DNA amplification. Human Genetics, 1990, 84, 571-3.	3.8	47
131	Molecular heterogeneity of steroid sulfatase deficiency: A multicenter study on 57 unrelated patients, at DNA and protein levels. Genomics, 1989, 4, 36-40.	2.9	102
132	Molecular characterization of a gene of the 'EGF family' expressed in undifferentiated human NTERA2 teratocarcinoma cells. EMBO Journal, 1989, 8, 1987-91.	7.8	68
133	Molecular studies of marsupial X chromosomes reveal limited sequence homology of mammalian X-linked genes. Genomics, 1987, 1, 19-28.	2.9	21
134	MicroRNAs and Cancer Stem Cells in Medulloblastoma. , 0, , .		0
135	Common Variants at 21q22.3 Locus Influence <i>MX1</i> Gene Expression and Susceptibility to Severe COVID-19. SSRN Electronic Journal, 0, , .	0.4	0
136	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. SSRN Electronic Journal, 0, , .	0.4	0