Valentina Massa

List of Publications by Year
in descending order

62 papers	1,381 citations	393982 19 h-index	377514 34 g-index
68 all docs	68 docs citations	68 times ranked	1768 citing authors

#	Article	IF	Citations
1	Overview on neural tube defects: From development to physical characteristics. Birth Defects Research, 2019, 111, 1455-1467.	0.8	118
2	Inhibition of histone deacetylase activity on specific embryonic tissues as a new mechanism for teratogenicity. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2005, 74, 392-398.	1.4	102
3	Gene-environment interactions in the causation of neural tube defects: folate deficiency increases susceptibility conferred by loss of Pax3 function. Human Molecular Genetics, 2008, 17, 3675-3685.	1.4	99
4	Apoptosis is not required for mammalian neural tube closure. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8233-8238.	3.3	83
5	Craniofacial and axial skeletal defects induced by the fungicide triadimefon in the mouse. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2005, 74, 185-195.	1.4	66
6	Study on the common teratogenic pathway elicited by the fungicides triazole-derivatives. Toxicology in Vitro, 2005, 19, 737-748.	1.1	61
7	Relationship between hindbrain segmentation, neural crest cell migration and branchial arch abnormalities in rat embryos exposed to fluconazole and retinoic acid in vitro. Reproductive Toxicology, 2004, 18, 121-130.	1.3	58
8	Foregut separation and tracheo-oesophageal malformations: The role of tracheal outgrowth, dorso-ventral patterning and programmed cell death. Developmental Biology, 2010, 337, 351-362.	0.9	54
9	Over-expression of Grhl2 causes spina bifida in the Axial defects mutant mouse. Human Molecular Genetics, 2011, 20, 1536-1546.	1.4	50
10	Cornelia de Lange Syndrome: NIPBL haploinsufficiency downregulates canonical Wnt pathway in zebrafish embryos and patients fibroblasts. Cell Death and Disease, 2013, 4, e866-e866.	2.7	47
11	Valproic acid-induced skeletal malformations: associated gene expression cascades. Pharmacogenetics and Genomics, 2005, 15, 787-800.	0.7	42
12	Understanding the causes and prevention of neural tube defects: Insights from the splotch mouse model. Birth Defects Research Part A: Clinical and Molecular Teratology, 2009, 85, 322-330.	1.6	38
13	The Cornelia de Lange Syndrome-associated factor NIPBL interacts with BRD4 ET domain for transcription control of a common set of genes. Cell Death and Disease, 2019, 10, 548.	2.7	35
14	Chromatinopathies: A focus on Cornelia de Lange syndrome. Clinical Genetics, 2020, 97, 3-11.	1.0	34
15	Antenatal Microbial Colonization of Mammalian Gut. Reproductive Sciences, 2019, 26, 1045-1053.	1.1	33
16	Vangl-dependent planar cell polarity signalling is not required for neural crest migration in mammals. Development (Cambridge), 2014, 141, 3153-3158.	1.2	32
17	Integrating molecular and structural findings: Wnt as a possible actor in shaping cognitive impairment in Cornelia de Lange syndrome. Orphanet Journal of Rare Diseases, 2017, 12, 174.	1.2	26
18	Convergent Extension Analysis in Mouse Whole Embryo Culture. Methods in Molecular Biology, 2012, 839, 133-146.	0.4	24

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19	Cornelia de Lange Syndrome: From a Disease to a Broader Spectrum. Genes, 2021, 12, 1075.	1.0	23
20	Gestational diabetes affects fetal autophagy. Placenta, 2017, 55, 90-93.	0.7	21
21	Cellular mechanisms underlying Pax3-related neural tube defects and their prevention by folic acid. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	21
22	Modeling Cornelia de Lange syndrome in vitro and in vivo reveals a role for cohesin complex in neuronal survival and differentiation. Human Molecular Genetics, 2019, 28, 64-73.	1.4	20
23	Cornelia de Lange syndrome: To diagnose or not to diagnose in utero?. Birth Defects Research, 2017, 109, 771-777.	0.8	18
24	Saliva sampling for chasing SARS-CoV-2: A Game-changing strategy. Pharmacological Research, 2021, 165, 105380.	3.1	18
25	The Differential Roles for Neurodevelopmental and Neuroendocrine Genes in Shaping GnRH Neuron Physiology and Deficiency. International Journal of Molecular Sciences, 2021, 22, 9425.	1.8	18
26	KMT2A: Umbrella Gene for Multiple Diseases. Genes, 2022, 13, 514.	1.0	17
27	CyclinD1 Downâ€Regulation and Increased Apoptosis Are Common Features of Cohesinopathies. Journal of Cellular Physiology, 2016, 231, 613-622.	2.0	16
28	Histopathology and molecular characterisation of intrauterine-diagnosed congenital craniopharyngioma. Pituitary, 2016, 19, 50-56.	1.6	15
29	Customised next-generation sequencing multigene panel to screen a large cohort of individuals with chromatin-related disorder. Journal of Medical Genetics, 2020, 57, 760-768.	1.5	15
30	Does school reopening affect SARS-CoV-2 seroprevalence among school-age children in Milan?. PLoS ONE, 2021, 16, e0257046.	1.1	14
31	EFFECTS OF EXCESS AND DEPRIVATION OF SEROTONIN ON IN VITRO NEURONAL DIFFERENTIATION. In Vitro Cellular and Developmental Biology - Animal, 2004, 40, 52.	0.7	13
32	Expanding the phenotype associated to KMT2A variants: overlapping clinical signs between Wiedemannâ€“Steiner and Rubinsteinâ€“Taybi syndromes. European Journal of Human Genetics, 2021, 29, 88-98.	1.4	11
33	Inflammation modulates LC3 expression in human preterm delivery. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 698-704.	0.7	10
34	First evidence of a paediatric patient with Cornelia de Lange syndrome with acute lymphoblastic leukaemia. Journal of Clinical Pathology, 2019, 72, 558-561.	1.0	10
35	Lithium as a possible therapeutic strategy for Cornelia de Lange syndrome. Cell Death Discovery, 2021, 7, 34.	2.0	10
36	Testing Saliva to Reveal the Submerged Cases of the COVID-19 Iceberg. Frontiers in Microbiology, 2021, 12, 721635.	1.5	10

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37	Do cells become homeless during neural tube closure?. Cell Cycle, 2009, 8, 2479-2480.	1.3	9
38	Use of highâ€frequency ultrasound to study the prenatal development of cranial neural tube defects and hydrocephalus in Gldcâ€deficient mice. Prenatal Diagnosis, 2017, 37, 273-281.	1.1	9
39	Chromatin Imbalance as the Vertex Between Fetal Valproate Syndrome and Chromatinopathies. Frontiers in Cell and Developmental Biology, 2021, 9, 654467.	1.8	7
40	Myo-inositol enhances teratogenicity of valproic acid in the mouse. Birth Defects Research Part A: Clinical and Molecular Teratology, 2006, 76, 200-204.	1.6	6
41	Cell death and cell proliferation in human spina bifida. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 104-113.	1.6	6
42	Saliva detection of SARS-CoV-2 for mitigating company outbreaks: a surveillance experience, Milan, Italy, March 2021. Epidemiology and Infection, 2021, 149, e171.	1.0	6
43	Genetic interaction of Pax3 mutation and canonical Wnt signaling modulates neural tube defects and neural crest abnormalities. Genesis, 2021, 59, e23445.	0.8	6
44	Krox20 is down-regulated following triazole in vitro embryonic exposure: A polycompetitor-based assay. Toxicology Letters, 2007, 169, 196-204.	0.4	5
45	Impairment of Retinoic Acid Signaling in Cornelia de Lange Syndrome Fibroblasts. Birth Defects Research, 2017, 109, 1268-1276.	0.8	5
46	Fetal pancreatic Langerhans islets size in pregnancies with metabolic disorders. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3589-3594.	0.7	5
47	Semaphorin Regulation by the Chromatin Remodeler CHD7: An Emerging Genetic Interaction Shaping Neural Cells and Neural Crest in Development and Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 638674.	1.8	5
48	Meconium-stained amniotic fluid and histologic signs of fetal distress in stillbirths. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 266, 55-62.	0.5	5
49	Rings and Bricks: Expression of Cohesin Components is Dynamic during Development and Adult Life. International Journal of Molecular Sciences, 2018, 19, 438.	1.8	4
50	Insights into the Role of the Microbiota and of Short-Chain Fatty Acids in Rubinsteinâ€“Taybi Syndrome. International Journal of Molecular Sciences, 2021, 22, 3621.	1.8	4
51	Role of Cytoskeletal Diaphanous-Related Formins in Hearing Loss. Cells, 2022, 11, 1726.	1.8	4
52	LAM Cells as Potential Drivers of Senescence in Lymphangioleiomyomatosis Microenvironment. International Journal of Molecular Sciences, 2022, 23, 7040.	1.8	4
53	Dynamic acetylation profile during mammalian neurulation. Birth Defects Research, 2020, 112, 205-211.	0.8	2
54	Risk of stillbirth in older mothers: a specific delivery plan might be considered for prevention. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 4137-4141.	0.7	2

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55	Potential role of STAG1 mutations in genetic predisposition to childhood hematological malignancies. Blood Cancer Journal, 2022, 12, .	2.8	2
56	Re: Clinical interventions to reduce stillbirths in subâ€Saharan Africa: a mathematical model to estimate the potential reduction of stillbirths associated with specific obstetric conditions. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 765-766.	1.1	1
57	Valproic acid-induced skeletal malformations: Associated gene expression cascades. Toxicology Letters, 2006, 164, S50.	0.4	0
58	Embedding Public Engagement in Biomedical Research: a Pilot Experience in the Field of Rare Genetic Disorders. Journal of Developmental and Physical Disabilities, 2020, 32, 575-586.	1.0	0
59	Neural tube defects. , 2021, , 13-26.		0
60	Editorial: Impact on Embryonic Development of Chromatin Remodeling Alterations. Frontiers in Cell and Developmental Biology, 2021, 9, 744665.	1.8	0
61	Effects of excess and deprivation of serotonin on in vitro neuronal differentiation. In Vitro Cellular and Developmental Biology - Animal, 2004, , .	0.7	0
62	Potential Role of STAG1 Mutations in Genetic Predisposition to Childhood Hemato-Oncological Diseases. Blood, 2021, 138, 1155-1155.	0.6	0