Luisa Campagnolo

List of Publications by Year
in descending order

59	2,604	218677	189892
papers	citations	26 h-index	50 g-index

59	59	59	4389
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low Doses of Pristine and Oxidized Single-Wall Carbon Nanotubes Affect Mammalian Embryonic Development. ACS Nano, 2011, 5, 4624-4633.	14.6	201
2	Egfl7, a novel epidermal growth factor-domain gene expressed in endothelial cells. Developmental Dynamics, 2004, 230, 316-324.	1.8	151
3	A perspective on the developmental toxicity of inhaled nanoparticles. Reproductive Toxicology, 2015, 56, 118-140.	2.9	143
4	Molecular basis of thyrotropin and thyroid hormone action during implantation and early development. Human Reproduction Update, 2014, 20, 884-904.	10.8	141
5	Interactions of Engineered Nanoparticles with Organs Protected by Internal Biological Barriers. Small, 2013, 9, 1557-1572.	10.0	139
6	Comprehensive In Vitro Toxicity Testing of a Panel of Representative Oxide Nanomaterials: First Steps towards an Intelligent Testing Strategy. PLoS ONE, 2015, 10, e0127174.	2.5	136
7	EGFL7 Is a Chemoattractant for Endothelial Cells and Is Up-Regulated in Angiogenesis and Arterial Injury. American Journal of Pathology, 2005, 167, 275-284.	3.8	124
8	New frontiers in nanotoxicology: Gut microbiota/microbiome-mediated effects of engineered nanomaterials. Toxicology and Applied Pharmacology, 2016, 299, 90-95.	2.8	120
9	Biodistribution and toxicity of pegylated single wall carbon nanotubes in pregnant mice. Particle and Fibre Toxicology, 2013, 10, 21.	6.2	107
10	Molecular Signaling Regulating Endometriumâ€“Blastocyst Crosstalk. International Journal of Molecular Sciences, 2020, 21, 23.	4.1	107
11	Silver nanoparticles inhaled during pregnancy reach and affect the placenta and the foetus. Nanotoxicology, 2017, 11, 687-698.	3.0	102
12	Mouse matriptase-2: identification, characterization and comparative mRNA expression analysis with mouse hepsin in adult and embryonic tissues. Biochemical Journal, 2003, 373, 689-702.	3.7	79
13	Electrospun poly(Îµ-caprolactone)/Ca-deficient hydroxyapatite nanohybrids: Microstructure, mechanical properties and cell response by murine embryonic stem cells. Materials Science and Engineering C, 2009, 29, 2063-2071.	7.3	71
14	The unrecognized occupational relevance of the interaction between engineered nanomaterials and the gastro-intestinal tract: a consensus paper from a multidisciplinary working group. Particle and Fibre Toxicology, 2017, 14, 47.	6.2	66
15	Multi-walled carbon nanotubes directly induce epithelial-mesenchymal transition in human bronchial epithelial cells via the TGF-Î²-mediated Akt/GSK-3Î²/SNAIL-1 signalling pathway. Particle and Fibre Toxicology, 2015, 13, 27.	6.2	65
16	Dosage-dependent requirement for mouse Vezf1 in vascular system development. Developmental Biology, 2005, 283, 140-156.	2.0	56
17	A plasmid-encoded VEGF siRNA reduces glioblastoma angiogenesis and its combination with interleukin-4 blocks tumor growth in a xenograft mouse model. Cancer Biology and Therapy, 2006, 5, 174-179.	3.4	56
18	Spatiotemporal Patterns of Expression of Neurotrophins and Neurotrophin Receptors in Mice Suggest Functional Roles in Testicular and Epididymal Morphogenesis1. Biology of Reproduction, 1999, 61, 1123-1132.	2.7	53

#	Article	IF	Citations
19	Mesenchymal Cell Precursors of Peritubular Smooth Muscle Cells of the Mouse Testis Can Be Identified by the Presence of the p75 Neurotrophin Receptor1. Biology of Reproduction, 2001, 64, 464-472.	2.7	48
20	Differentiation of osteoblast and osteoclast precursors on pure and silicon-substituted synthesized hydroxyapatites. Biomedical Materials (Bristol), 2012, 7, 055001.	3.3	48
21	Epidermal growth factor-like domain 7 promotes migration and invasion of human trophoblast cells through activation of MAPK, PI3K and NOTCH signaling pathways. Molecular Human Reproduction, 2015, 21, 435-451.	2.8	48
22	p75 neurotrophin receptor is involved in proliferation of undifferentiated mouse embryonic stem cells. Experimental Cell Research, 2009, 315, 3220-3232.	2.6	44
23	Physico-Chemical Properties Mediating Reproductive and Developmental Toxicity of Engineered Nanomaterials. Current Medicinal Chemistry, 2012, 19, 4488-4494.	2.4	39
24	Novel expression of EGFL7 in placental trophoblast and endothelial cells and its implication in preeclampsia. Mechanisms of Development, 2014, 133, 163-176.	1.7	32
25	The Influence of Pentraxin 3 on the Ovarian Function and Its Impact on Fertility. Frontiers in Immunology, 2018, 9, 2808.	4.8	32
26	Sortilin Expression Is Essential for Pro-Nerve Growth Factor-Induced Apoptosis of Rat Vascular Smooth Muscle Cells. PLoS ONE, 2014, 9, e84969.	2.5	29
27	Retention of Mitochondria in Mature Human Red Blood Cells as the Result of Autophagy Impairment in Rett Syndrome. Scientific Reports, 2017, 7, 12297.	3.3	28
28	Thyroid hormone regulates protease expression and activation of Notch signaling in implantation and embryo development. Journal of Endocrinology, 2018, 236, 1-12.	2.6	25
29	Expression and role of PDGF-BB and PDGFR-Î² during testis morphogenesis in the mouse embryo. Journal of Cell Science, 2004, 117, 1151-1160.	2.0	24
30	Relevance to investigate different stages of pregnancy to highlight toxic effects of nanoparticles: The example of silica. Toxicology and Applied Pharmacology, 2018, 342, 60-68.	2.8	24
31	Molecular organization and mechanical properties of the hyaluronan matrix surrounding the mammalian oocyte. Matrix Biology, 2019, 78-79, 11-23.	3.6	23
32	Clinical consequences of defective decidualization. Tissue and Cell, 2021, 72, 101586.	2.2	23
33	Comparative transcript profiles of cell cycle-related genes in mouse primordial germ cells, embryonic stem cells and embryonic germ cells. Gene Expression Patterns, 2007, 7, 714-721.	0.8	20
34	Hif1Î± down-regulation is associated with transposition of great arteries in mice treated with a retinoic acid antagonist. BMC Genomics, 2010, 11, 497.	2.8	20
35	Expression of EGFL7 in primordial germ cells and in adult ovaries and testes. Gene Expression Patterns, 2008, 8, 389-396.	0.8	19
36	No small matter: a perspective on nanotechnology-enabled solutions to fight COVID-19. Nanomedicine, 2020, 15, 2411-2427.	3.3	19

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37	Different expression of VEGF and EGFL7 in human hepatocellular carcinoma. Digestive and Liver Disease, 2016, 48, 76-80.	0.9	14
38	Increased circulating levels of Epidermal Growth Factor-like Domain 7 in pregnant women affected by preeclampsia. Translational Research, 2019, 207, 19-29.	5.0	13
39	Screening of Nanoparticle Embryotoxicity Using Embryonic Stem Cells. Methods in Molecular Biology, 2013, 1058, 49-60.	0.9	11
40	Length-dependent toxicity of TiO₂ nanofibers: mitigation via shortening. Nanotoxicology, 2020, 14, 433-452.	3.0	11
41	Defective proteasome biogenesis into skin fibroblasts isolated from Rett syndrome subjects with MeCP2 non-sense mutations. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165793.	3.8	11
42	Silica encapsulation of ZnO nanoparticles reduces their toxicity for cumulus cell-oocyte-complex expansion. Particle and Fibre Toxicology, 2021, 18, 33.	6.2	9
43	Leptin attenuates ischemia-reperfusion injury in the rat liver. Transplant International, 2012, 25, 1282-1288.	1.6	8
44	Treatment of pregnancies complicated by intrauterine growth restriction with nitric oxide donors increases placental expression of Epidermal Growth Factor-Like Domain 7 and improves fetal growth: A pilot study. Translational Research, 2021, 228, 28-41.	5.0	8
45	Positive Impact of Levothyroxine Treatment on Pregnancy Outcome in Euthyroid Women with Thyroid Autoimmunity Affected by Recurrent Miscarriage. Journal of Clinical Medicine, 2021, 10, 2105.	2.4	8
46	Changes in Cardiac Autonomic Regulation after Acute Lung Exposure to Carbon Nanotubes: Implications for Occupational Exposure. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	7
47	Reproductive Toxicity. , 2012, , 225-242.		6
48	Mechanisms of nanomaterial toxicity. , 2014, , 28-43.		6
49	Hyaluronic Acid Nanoporous Microparticles with Long In Vivo Joint Residence Time and Sustained Release. Particle and Particle Systems Characterization, 2017, 34, 1600411.	2.3	6
50	Phosphodiesterase specific inhibitors control cell growth of a human neuroepithelioma cell line. Journal of Neuro-Oncology, 1997, 31, 123-127.	2.9	5
51	Functional characterization and expression analysis of novel alternative splicing isoforms of Olr1 gene during mouse embryogenesis. Gene, 2012, 491, 5-12.	2.2	5
52	Circulating EGFL7 distinguishes between IUGR and PE: an observational caseâ€“control study. Scientific Reports, 2021, 11, 17919.	3.3	4
53	An improved in vitro model simulating the feto-maternal interface to study developmental effects of potentially toxic compounds: The example of titanium dioxide nanoparticles. Toxicology and Applied Pharmacology, 2022, 446, 116056.	2.8	4
54	A comparative study of metal oxide nanoparticles embryotoxicity using the embryonic stem cell test. BioNanoMaterials, 2013, 14, 61-64.	1.4	2

#	Article	IF	Citations
55	Reproduction and Development. , 2017, , 397-421.		2
56	P7. Role of EGF-like domain 7 (Egfl7) in placental development and implantation. Pregnancy Hypertension, 2011, 1, 275-276.	1.4	1
57	Developmental Toxicity of Engineered Nanomaterials. , 2017, , 333-357.		1
58	Nanosafety forum for young scientists: a meeting report. European Journal of Nanomedicine, 2015, 7, .	0.6	0
59	Developmental toxicity of engineered nanomaterials. , 2022, , 285-305.		0