

Luisa Campagnolo

List of Publications by Year in descending order

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59
papers

2,604
citations

218677

26
h-index

189892

50
g-index

59
all docs

59
docs citations

59
times ranked

4389
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental toxicity of engineered nanomaterials. , 2022, , 285-305.		0
2	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
3	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
4	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
5	Silica encapsulation of ZnO nanoparticles reduces their toxicity for cumulus cell-oocyte-complex expansion. Particle and Fibre Toxicology, 2021, 18, 33.	6.2	9
6	Circulating EGFL7 distinguishes between IUGR and PE: an observational caseâ€“control study. Scientific Reports, 2021, 11, 17919.	3.3	4
7	Clinical consequences of defective decidualization. Tissue and Cell, 2021, 72, 101586.	2.2	23
8	Length-dependent toxicity of TiO ₂ nanofibers: mitigation via shortening. Nanotoxicology, 2020, 14, 433-452.	3.0	11
9	Molecular Signaling Regulating Endometriumâ€“Blastocyst Crosstalk. International Journal of Molecular Sciences, 2020, 21, 23.	4.1	107
10	No small matter: a perspective on nanotechnology-enabled solutions to fight COVID-19. Nanomedicine, 2020, 15, 2411-2427.	3.3	19
11	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
12	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
13	Molecular organization and mechanical properties of the hyaluronan matrix surrounding the mammalian oocyte. Matrix Biology, 2019, 78-79, 11-23.	3.6	23
14	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
15	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
16	The Influence of Pentraxin 3 on the Ovarian Function and Its Impact on Fertility. Frontiers in Immunology, 2018, 9, 2808.	4.8	32
17	Reproduction and Development. , 2017, , 397-421.		2
18	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

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19	Silver nanoparticles inhaled during pregnancy reach and affect the placenta and the foetus. <i>Nanotoxicology</i> , 2017, 11, 687-698.	3.0	102
20	Retention of Mitochondria in Mature Human Red Blood Cells as the Result of Autophagy Impairment in Rett Syndrome. <i>Scientific Reports</i> , 2017, 7, 12297.	3.3	28
21	The unrecognized occupational relevance of the interaction between engineered nanomaterials and the gastro-intestinal tract: a consensus paper from a multidisciplinary working group. <i>Particle and Fibre Toxicology</i> , 2017, 14, 47.	6.2	66
22	Developmental Toxicity of Engineered Nanomaterials. , 2017, , 333-357.		1
23	Different expression of VEGF and EGFL7 in human hepatocellular carcinoma. <i>Digestive and Liver Disease</i> , 2016, 48, 76-80.	0.9	14
24	New frontiers in nanotoxicology: Gut microbiota/microbiome-mediated effects of engineered nanomaterials. <i>Toxicology and Applied Pharmacology</i> , 2016, 299, 90-95.	2.8	120
25	Multi-walled carbon nanotubes directly induce epithelial-mesenchymal transition in human bronchial epithelial cells via the TGF- β -mediated Akt/GSK-3 β /SNAIL-1 signalling pathway. <i>Particle and Fibre Toxicology</i> , 2015, 13, 27.	6.2	65
26	Comprehensive In Vitro Toxicity Testing of a Panel of Representative Oxide Nanomaterials: First Steps towards an Intelligent Testing Strategy. <i>PLoS ONE</i> , 2015, 10, e0127174.	2.5	136
27	Nanosafety forum for young scientists: a meeting report. <i>European Journal of Nanomedicine</i> , 2015, 7, .	0.6	0
28	Epidermal growth factor-like domain 7 promotes migration and invasion of human trophoblast cells through activation of MAPK, PI3K and NOTCH signaling pathways. <i>Molecular Human Reproduction</i> , 2015, 21, 435-451.	2.8	48
29	A perspective on the developmental toxicity of inhaled nanoparticles. <i>Reproductive Toxicology</i> , 2015, 56, 118-140.	2.9	143
30	Sortilin Expression Is Essential for Pro-Nerve Growth Factor-Induced Apoptosis of Rat Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e84969.	2.5	29
31	Novel expression of EGFL7 in placental trophoblast and endothelial cells and its implication in preeclampsia. <i>Mechanisms of Development</i> , 2014, 133, 163-176.	1.7	32
32	Molecular basis of thyrotropin and thyroid hormone action during implantation and early development. <i>Human Reproduction Update</i> , 2014, 20, 884-904.	10.8	141
33	Mechanisms of nanomaterial toxicity. , 2014, , 28-43.		6
34	Biodistribution and toxicity of pegylated single wall carbon nanotubes in pregnant mice. <i>Particle and Fibre Toxicology</i> , 2013, 10, 21.	6.2	107
35	Screening of Nanoparticle Embryotoxicity Using Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1058, 49-60.	0.9	11
36	Interactions of Engineered Nanoparticles with Organs Protected by Internal Biological Barriers. <i>Small</i> , 2013, 9, 1557-1572.	10.0	139

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37	A comparative study of metal oxide nanoparticles embryotoxicity using the embryonic stem cell test. <i>BioNanoMaterials</i> , 2013, 14, 61-64.	1.4	2
38	Changes in Cardiac Autonomic Regulation after Acute Lung Exposure to Carbon Nanotubes: Implications for Occupational Exposure. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	7
39	Physico-Chemical Properties Mediating Reproductive and Developmental Toxicity of Engineered Nanomaterials. <i>Current Medicinal Chemistry</i> , 2012, 19, 4488-4494.	2.4	39
40	Leptin attenuates ischemia-reperfusion injury in the rat liver. <i>Transplant International</i> , 2012, 25, 1282-1288.	1.6	8
41	Reproductive Toxicity. , 2012, , 225-242.		6
42	Differentiation of osteoblast and osteoclast precursors on pure and silicon-substituted synthesized hydroxyapatites. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 055001.	3.3	48
43	Functional characterization and expression analysis of novel alternative splicing isoforms of <i>Olr1</i> gene during mouse embryogenesis. <i>Gene</i> , 2012, 491, 5-12.	2.2	5
44	P7. Role of EGF-like domain 7 (<i>Egfl7</i>) in placental development and implantation. <i>Pregnancy Hypertension</i> , 2011, 1, 275-276.	1.4	1
45	Low Doses of Pristine and Oxidized Single-Wall Carbon Nanotubes Affect Mammalian Embryonic Development. <i>ACS Nano</i> , 2011, 5, 4624-4633.	14.6	201
46	Hif1 α down-regulation is associated with transposition of great arteries in mice treated with a retinoic acid antagonist. <i>BMC Genomics</i> , 2010, 11, 497.	2.8	20
47	p75 neurotrophin receptor is involved in proliferation of undifferentiated mouse embryonic stem cells. <i>Experimental Cell Research</i> , 2009, 315, 3220-3232.	2.6	44
48	Electrospun poly(μ -caprolactone)/Ca-deficient hydroxyapatite nanohybrids: Microstructure, mechanical properties and cell response by murine embryonic stem cells. <i>Materials Science and Engineering C</i> , 2009, 29, 2063-2071.	7.3	71
49	Expression of EGFL7 in primordial germ cells and in adult ovaries and testes. <i>Gene Expression Patterns</i> , 2008, 8, 389-396.	0.8	19
50	Comparative transcript profiles of cell cycle-related genes in mouse primordial germ cells, embryonic stem cells and embryonic germ cells. <i>Gene Expression Patterns</i> , 2007, 7, 714-721.	0.8	20
51	A plasmid-encoded VEGF siRNA reduces glioblastoma angiogenesis and its combination with interleukin-4 blocks tumor growth in a xenograft mouse model. <i>Cancer Biology and Therapy</i> , 2006, 5, 174-179.	3.4	56
52	EGFL7 Is a Chemoattractant for Endothelial Cells and Is Up-Regulated in Angiogenesis and Arterial Injury. <i>American Journal of Pathology</i> , 2005, 167, 275-284.	3.8	124
53	Dosage-dependent requirement for mouse <i>Vezf1</i> in vascular system development. <i>Developmental Biology</i> , 2005, 283, 140-156.	2.0	56
54	Expression and role of PDGF-BB and PDGFR- β during testis morphogenesis in the mouse embryo. <i>Journal of Cell Science</i> , 2004, 117, 1151-1160.	2.0	24

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55	Egfl7, a novel epidermal growth factor-domain gene expressed in endothelial cells. <i>Developmental Dynamics</i> , 2004, 230, 316-324.	1.8	151
56	Mouse matriptase-2: identification, characterization and comparative mRNA expression analysis with mouse hepsin in adult and embryonic tissues. <i>Biochemical Journal</i> , 2003, 373, 689-702.	3.7	79
57	Mesenchymal Cell Precursors of Peritubular Smooth Muscle Cells of the Mouse Testis Can Be Identified by the Presence of the p75 Neurotrophin Receptor1. <i>Biology of Reproduction</i> , 2001, 64, 464-472.	2.7	48
58	Spatiotemporal Patterns of Expression of Neurotrophins and Neurotrophin Receptors in Mice Suggest Functional Roles in Testicular and Epididymal Morphogenesis1. <i>Biology of Reproduction</i> , 1999, 61, 1123-1132.	2.7	53
59	Phosphodiesterase specific inhibitors control cell growth of a human neuroepithelioma cell line. <i>Journal of Neuro-Oncology</i> , 1997, 31, 123-127.	2.9	5