

# Manuela Monti

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

983  
citations

516710

16  
h-index

454955

30  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering Early Response of Gene Regulatory Networks in ESCs by Systematic Induction of Transcription Factors. <i>Cell Stem Cell</i> , 2009, 5, 420-433.	11.1	178
2	Zscan4 restores the developmental potency of embryonic stem cells. <i>Nature Communications</i> , 2013, 4, 1966.	12.8	94
3	A New Medical Device Rigeneracons Allows to Obtain Viable Micro€Crafts From Mechanical Disaggregation of Human Tissues. <i>Journal of Cellular Physiology</i> , 2015, 230, 2299-2303.	4.1	81
4	Chromatin organisation and nuclear architecture in growing mouse oocytes. <i>Molecular and Cellular Endocrinology</i> , 2005, 234, 11-17.	3.2	60
5	Developmental Arrest and Mouse Antral Not-Surrounded Nucleolus Oocytes1. <i>Biology of Reproduction</i> , 2013, 88, 2.	2.7	56
6	Ex vivo immunosuppressive effects of mesenchymal stem cells on Crohn€™s disease mucosal T cells are largely dependent on indoleamine 2,3-dioxygenase activity and cell-cell contact. <i>Stem Cell Research and Therapy</i> , 2015, 6, 137.	5.5	51
7	In Vitro and In Vivo Differentiation of Progenitor Stem Cells Obtained After Mechanical Digestion of Human Dental Pulp. <i>Journal of Cellular Physiology</i> , 2017, 232, 548-555.	4.1	44
8	Mouse Fibroblasts Are Reprogrammed to Oct-4 and Rex-1 Gene Expression and Alkaline Phosphatase Activity by Embryonic Stem Cell Extracts. <i>Cloning and Stem Cells</i> , 2007, 9, 394-406.	2.6	42
9	Oogenesis specific genes (<i>Nobox</i>, <i>Oct4</i>, <i>Bmp15</i>, <i>Gdf9</i>, <i>Oogenesis1</i> and) Tj ETQq1 1 0.784314 rgB follicular development. <i>Molecular Reproduction and Development</i> , 2009, 76, 994-1003.	2.0	41
10	Single-cell quantitative RT-PCR analysis of <i>Cpt1b</i> and <i>Cpt2</i> gene expression in mouse antral oocytes and in preimplantation embryos. <i>Cytogenetic and Genome Research</i> , 2004, 105, 215-221.	1.1	35
11	Hyaluronic Acid€Decorated Liposomes as Innovative Targeted Delivery System for Lung Fibrotic Cells. <i>Molecules</i> , 2019, 24, 3291.	3.8	33
12	A Novel Method for Isolation of Pluripotent Stem Cells from Human Umbilical Cord Blood. <i>Stem Cells and Development</i> , 2017, 26, 1258-1269.	2.1	31
13	FTIR spectral signatures of mouse antral oocytes: Molecular markers of oocyte maturation and developmental competence. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1220-1229.	4.1	27
14	FT-IR spectroscopy supported by PCA€LDA analysis for the study of embryonic stem cell differentiation. <i>Spectroscopy</i> , 2010, 24, 89-97.	0.8	25
15	Stem cells: sources and therapies. <i>Biological Research</i> , 2012, 45, 207-214.	3.4	21
16	Gonadotropins affectOct-4 gene expression during mouse oocyte growth. <i>Molecular Reproduction and Development</i> , 2006, 73, 685-691.	2.0	17
17	&lt;p&gt;Pemetrexed-loaded nanoparticles targeted to malignant pleural mesothelioma cells: an in vitro study&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 773-785.	6.7	16
18	Pluripotent stem cells and tolerance induction in organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 86-93.	1.6	15

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19	Three-dimensional localization and dynamics of centromeres in mouse oocytes during folliculogenesis. <i>Journal of Molecular Histology</i> , 2004, 35, 631-638.	2.2	14
20	Zscan4 is expressed specifically during late meiotic prophase in both spermatogenesis and oogenesis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 167-178.	1.5	14
21	Functional topography of the fully grown human oocyte. <i>European Journal of Histochemistry</i> , 2017, 61, 2769.	1.5	13
22	Hypes and Hopes of Stem Cell Therapies in Dentistry: a Review. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1294-1308.	3.8	11
23	Trim43a, Trim43b, and Trim43c: Novel mouse genes expressed specifically in mouse preimplantation embryos. <i>Gene Expression Patterns</i> , 2009, 9, 595-602.	0.8	9
24	Cytoplasmic lattices are not linked to mouse 2-cell embryos developmental arrest. <i>European Journal of Histochemistry</i> , 2018, 62, .	1.5	7
25	Isolation and Characterization of Mouse Antral Oocytes Based on Nucleolar Chromatin Organization. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	6
26	Argonaute proteins - Methods and protocols. <i>European Journal of Histochemistry</i> , 2012, 56, 1.	1.5	5
27	microRNAs in development - Methods and protocols. <i>European Journal of Histochemistry</i> , 2011, 55, 20.	1.5	3
28	Gamete and embryo-fetal origins of adult diseases. <i>European Journal of Histochemistry</i> , 2016, 60, 2696.	1.5	3
29	Oocytes - Maternal Information and Functions. <i>European Journal of Histochemistry</i> , 2017, 61, 2849.	1.5	3
30	Mammalian blastocyst mimicry. <i>Molecular Reproduction and Development</i> , 2018, 85, 6-6.	2.0	3
31	The biopolitics of frozen embryos. <i>International Journal of Developmental Biology</i> , 2011, 55, 243-247.	0.6	3
32	<i>Stem Cells</i> . , 2007, 11, 145-151.		2
33	RT-PCR Protocols - Methods in Molecular Biology. <i>European Journal of Histochemistry</i> , 2011, 55, .	1.5	2
34	Basic confocal microscopy. <i>European Journal of Histochemistry</i> , 2012, 56, 3.	1.5	2
35	Gene expression profiling: methods and protocols. <i>European Journal of Histochemistry</i> , 2012, 56, 12.	1.5	2
36	Visualization techniques - From immunohistochemistry to magnetic resonance imaging. <i>European Journal of Histochemistry</i> , 2013, 57, 7.	1.5	2

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37	$\hat{I}^3$ -Irradiated cord blood MNCs: Different paracrine effects on mature and progenitor endothelial cells. <i>Microvascular Research</i> , 2014, 94, 9-16.	2.5	2
38	Aging and Health - A system biology perspective. <i>European Journal of Histochemistry</i> , 2015, 59, .	1.5	2
39	Essential Current Concepts in Stem Cell Biology. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	2
40	Epigenetics protocols. <i>European Journal of Histochemistry</i> , 2012, 56, 8.	1.5	1
41	The egg. The inside story of a cell. <i>Molecular Reproduction and Development</i> , 2013, 80, 691-697.	2.0	1
42	Mistletoe - From mythology to evidence-based medicine. <i>European Journal of Histochemistry</i> , 2015, 59, .	1.5	1
43	Stem Cells and the Side Population Theory: A Critical Review. <i>Current Tissue Engineering</i> , 2015, 4, 4-10.	0.2	1
44	Bioprinting in Regenerative Medicine. <i>European Journal of Histochemistry</i> , 2016, 60, .	1.5	1
45	Genome size evaluations in cockroaches: new entries. <i>European Journal of Histochemistry</i> , 2022, 66, .	1.5	1
46	22-P009 Analysis of gene expression in mouse antral SN and NSN oocytes. <i>Mechanisms of Development</i> , 2009, 126, S331.	1.7	0
47	Biologia sintetica: dalla descrizione alla sintesi del vivente. <i>Area Pediatrica</i> , 2012, 13, 79-82.	0.0	0
48	Quid hic? Intueri naturam. Quo munere? Curiosum esse. <i>Molecular Reproduction and Development</i> , 2013, 80, 503-503.	2.0	0
49	Oogenesis. <i>European Journal of Histochemistry</i> , 2013, 57, 1.	1.5	0
50	Mouse development - From oocyte to stem cells. <i>European Journal of Histochemistry</i> , 2014, 58, .	1.5	0
51	Stickman, comet, or heterochromatic DNA?. <i>Molecular Reproduction and Development</i> , 2014, 81, 677-677.	2.0	0
52	Mouse oocyte development - Methods and Protocols. <i>European Journal of Histochemistry</i> , 2018, 62, .	1.5	0
53	Clathrin mediated endocytosis - Methods and Protocols. <i>European Journal of Histochemistry</i> , 2019, 63, .	1.5	0
54	Cell Migration - Methods and Protocols. <i>European Journal of Histochemistry</i> , 2019, 63, .	1.5	0

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55	Stem Cells and Therapy: Emerging Approaches. European Journal of Histochemistry, 2020, 64, .	1.5	0
56	Perinatal Stem Cells - Biology, Manufacturing and Translational Medicine. European Journal of Histochemistry, 2021, 65, .	1.5	0
57	Microtubule dynamics. European Journal of Histochemistry, 2012, 56, 5.	1.5	0
58	In vivo cellular imaging using fluorescent proteins - Methods and Protocols. European Journal of Histochemistry, 2012, 56, 14.	1.5	0