

Claudia Colussi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37 papers	2,159 citations	22 h-index	37 g-index
37 ext. papers	2,352 ext. citations	7 avg, IF	3.84 L-index

#	Paper	IF	Citations
37	Senescence and death of primitive cells and myocytes lead to premature cardiac aging and heart failure. <i>Circulation Research</i> , 2003 , 93, 604-13	15.7	320
36	HDAC2 blockade by nitric oxide and histone deacetylase inhibitors reveals a common target in Duchenne muscular dystrophy treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19183-7	11.5	212
35	Common micro-RNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. <i>FASEB Journal</i> , 2009 , 23, 3335-46	0.9	207
34	The mammalian mismatch repair pathway removes DNA 8-oxodGMP incorporated from the oxidized dNTP pool. <i>Current Biology</i> , 2002 , 12, 912-8	6.3	191
33	Anodal transcranial direct current stimulation boosts synaptic plasticity and memory in mice via epigenetic regulation of Bdnf expression. <i>Scientific Reports</i> , 2016 , 6, 22180	4.9	134
32	Nitric oxide modulates chromatin folding in human endothelial cells via protein phosphatase 2A activation and class II histone deacetylases nuclear shuttling. <i>Circulation Research</i> , 2008 , 102, 51-8	15.7	106
31	Endothelial NOS, estrogen receptor beta, and HIFs cooperate in the activation of a prognostic transcriptional pattern in aggressive human prostate cancer. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1093-108	15.9	96
30	N-lysine acetylation determines dissociation from GAP junctions and lateralization of connexin 43 in normal and dystrophic heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2795-800	11.5	82
29	Estrogen receptor-alpha and endothelial nitric oxide synthase nuclear complex regulates transcription of human telomerase. <i>Circulation Research</i> , 2008 , 103, 34-42	15.7	71
28	NO sparks off chromatin: tales of a multifaceted epigenetic regulator. <i>Pharmacology & Therapeutics</i> , 2009 , 123, 344-52	13.9	64
27	Nitric oxide deficiency determines global chromatin changes in Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2009 , 23, 2131-41	0.9	61
26	A nitric oxide-dependent cross-talk between class I and III histone deacetylases accelerates skin repair. <i>Journal of Biological Chemistry</i> , 2013 , 288, 11004-12	5.4	58
25	The histone acetylase activator pentadecylidenemalonate 1b rescues proliferation and differentiation in the human cardiac mesenchymal cells of type 2 diabetic patients. <i>Diabetes</i> , 2014 , 63, 2132-47	0.9	57
24	NF-Y dependent epigenetic modifications discriminate between proliferating and postmitotic tissue. <i>PLoS ONE</i> , 2008 , 3, e2047	3.7	50
23	Sensitivity to DNA cross-linking chemotherapeutic agents in mismatch repair-defective cells in vitro and in xenografts. <i>International Journal of Cancer</i> , 2000 , 85, 590-6	7.5	42
22	The histone deacetylase inhibitor suberoylanilide hydroxamic acid reduces cardiac arrhythmias in dystrophic mice. <i>Cardiovascular Research</i> , 2010 , 87, 73-82	9.9	38
21	Hypersensitivity to camptothecin in MSH2 deficient cells is correlated with a role for MSH2 protein in recombinational repair. <i>Carcinogenesis</i> , 2001 , 22, 1781-7	4.6	34

20	Histone deacetylase inhibitors: keeping momentum for neuromuscular and cardiovascular diseases treatment. <i>Pharmacological Research</i> , 2010 , 62, 3-10	10.2	33
19	P300/CBP associated factor regulates nitroglycerin-dependent arterial relaxation by N(ε)-lysine acetylation of contractile proteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2435-43	9.4	27
18	Detrimental effect of class-selective histone deacetylase inhibitors during tissue regeneration following hindlimb ischemia. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22915-29	5.4	26
17	The nuclear pore protein Nup153 associates with chromatin and regulates cardiac gene expression in dystrophic mdx hearts. <i>Cardiovascular Research</i> , 2016 , 112, 555-567	9.9	26
16	Smad-interacting protein-1 and microRNA 200 family define a nitric oxide-dependent molecular circuitry involved in embryonic stem cell mesendoderm differentiation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 898-907	9.4	24
15	Adventitial vessel growth and progenitor cells activation in an ex vivo culture system mimicking human saphenous vein wall strain after coronary artery bypass grafting. <i>PLoS ONE</i> , 2015 , 10, e0117409	3.7	21
14	Olfactory memory is enhanced in mice exposed to extremely low-frequency electromagnetic fields via Wnt/β-catenin dependent modulation of subventricular zone neurogenesis. <i>Scientific Reports</i> , 2018 , 8, 262	4.9	20
13	NO points to epigenetics in vascular development. <i>Cardiovascular Research</i> , 2011 , 90, 447-56	9.9	20
12	Olfactory Receptors in Semen and in the Male Tract: From Proteome to Proteins. <i>Frontiers in Endocrinology</i> , 2017 , 8, 379	5.7	19
11	Estrogen-dependent dynamic profile of eNOS-DNA associations in prostate cancer. <i>PLoS ONE</i> , 2013 , 8, e62522	3.7	18
10	Altered Nup153 Expression Impairs the Function of Cultured Hippocampal Neural Stem Cells Isolated from a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 5934-5949	6.2	16
9	Sildenafil normalizes MALAT1 level in diabetic cardiomyopathy. <i>Endocrine</i> , 2018 , 62, 259-262	4	15
8	Transcription Factor CREM Mediates High Glucose Response in Cardiomyocytes and in a Male Mouse Model of Prolonged Hyperglycemia. <i>Endocrinology</i> , 2017 , 158, 2391-2405	4.8	14
7	Acetylation mediates Cx43 reduction caused by electrical stimulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 87, 54-64	5.8	13
6	PEDF, PPAR-gamma, p53: deadly circuits arise when worlds collide. <i>Cardiovascular Research</i> , 2007 , 76, 195-6	9.9	12
5	Enhancing Plasticity Mechanisms in the Mouse Motor Cortex by Anodal Transcranial Direct-Current Stimulation: The Contribution of Nitric Oxide Signaling. <i>Cerebral Cortex</i> , 2020 , 30, 2972-2985	5.1	11
4	Nucleoporin 153 regulates estrogen-dependent nuclear translocation of endothelial nitric oxide synthase and estrogen receptor beta in prostate cancer. <i>Oncotarget</i> , 2018 , 9, 27985-27997	3.3	10
3	GSK3β Modulates Timing-Dependent Long-Term Depression Through Direct Phosphorylation of Kv4.2 Channels. <i>Cerebral Cortex</i> , 2019 , 29, 1851-1865	5.1	6

- 2 Anacardic acid and thyroid hormone enhance cardiomyocytes production from undifferentiated mouse ES cells along functionally distinct pathways. *Endocrine*, **2016**, 53, 681-8 4 4
- 1 Epigenetic regulation of neural stem cells: The emerging role of nucleoporins. *Stem Cells*, **2021**, 39, 1601-1614 1