M Angela Nieto

List of Publications by Year in Descending Order

105 papers	29,199 citations	56 h-index	141 g-index
141 ext. papers	32,988 ext. citations	12.5 avg, IF	7.6 L-index

#	Paper	IF	Citations
105	Antifibrotic drugs as therapeutic tools in resistant melanoma.. *EMBO Molecular Medicine*, **2022**, e15449	12	1
104	Are You Interested or Afraid of Working on EMT?. *Methods in Molecular Biology*, **2021**, 2179, 19-28	1.4	
103	Glucose Metabolism Takes Center Stage in Epithelial-Mesenchymal Plasticity. *Developmental Cell*, **2020**, 53, 133-135	10.2	2
102	G-protein-coupled receptor kinase 2 safeguards epithelial phenotype in head and neck squamous cell carcinomas. *International Journal of Cancer*, **2020**, 147, 218-229	7.5	0
101	In primary airway epithelial cells, the unjamming transition is distinct from the epithelial-to-mesenchymal transition. *Nature Communications*, **2020**, 11, 5053	17.4	41
100	Proliferation and EMT trigger heart repair. *Nature Cell Biology*, **2020**, 22, 1291-1292	23.4	1
99	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis. *Developmental Cell*, **2020**, 54, 593-607.e5	10.2	21
98	Reply to: Zebrafish prrx1a mutants have normal hearts. *Nature*, **2020**, 585, E17-E19	50.4	1
97	50+ shades of EMT in 20 years of embryo-cancer bonding. *Nature Reviews Molecular Cell Biology*, **2020**, 21, 563	48.7	0
96	The Evolutionary History of Ephs and Ephrins: Toward Multicellular Organisms. *Molecular Biology and Evolution*, **2020**, 37, 379-394	8.3	5
95	Guidelines and definitions for research on epithelial-mesenchymal transition. *Nature Reviews Molecular Cell Biology*, **2020**, 21, 341-352	48.7	469
94	Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease. *Nature Communications*, **2019**, 10, 2110	17.4	59
93	MicroRNAs Establish the Right-Handed Dominance of the Heart Laterality Pathway in Vertebrates. *Developmental Cell*, **2019**, 51, 446-459.e5	10.2	9
92	A gene regulatory network to control EMT programs in development and disease. *Nature Communications*, **2019**, 10, 5115	17.4	45
91	A snail tale and the chicken embryo. *International Journal of Developmental Biology*, **2018**, 62, 121-126	1.9	3
90	Snail2 and Zeb2 repress to define embryonic territories in the chick embryo. *Development (Cambridge)*, **2017**, 144, 649-656	6.6	14
89	Context-specific roles of EMT programmes in cancer cell dissemination. *Nature Cell Biology*, **2017**, 19, 416-418	23.4	57

88	A right-handed signalling pathway drives heart looping in vertebrates. *Nature*, **2017**, 549, 86-90	50.4	64
87	Upholding a role for EMT in breast cancer metastasis. *Nature*, **2017**, 547, E1-E3	50.4	198
86	Upholding a role for EMT in pancreatic cancer metastasis. *Nature*, **2017**, 547, E7-E8	50.4	161
85	Identification of p53-target genes in Danio rerio. *Scientific Reports*, **2016**, 6, 32474	4.9	6
84	EMT: 2016. *Cell*, **2016**, 166, 21-45	56.2	2443
83	Snail1-induced partial epithelial-to-mesenchymal transition drives renal fibrosis in mice and can be targeted to reverse established disease. *Nature Medicine*, **2015**, 21, 989-97	50.5	445
82	Molecular mechanisms controlling the migration of striatal interneurons. *Journal of Neuroscience*, **2015**, 35, 8718-29	6.6	28
81	eEF1A mediates the nuclear export of SNAG-containing proteins via the Exportin5-aminoacyl-tRNA complex. *Cell Reports*, **2013**, 5, 727-37	10.6	19
80	Epithelial plasticity: a common theme in embryonic and cancer cells. *Science*, **2013**, 342, 1234850	33.3	678
79	Scratch2 prevents cell cycle re-entry by repressing miR-25 in postmitotic primary neurons. *Journal of Neuroscience*, **2013**, 33, 5095-105	6.6	18
78	Metastatic colonization requires the repression of the epithelial-mesenchymal transition inducer Prrx1. *Cancer Cell*, **2012**, 22, 709-24	24.3	692
77	The endogenous retrovirus ENS-1 provides active binding sites for transcription factors in embryonic stem cells that specify extra embryonic tissue. *Retrovirology*, **2012**, 9, 21	3.6	8
76	The epithelial-mesenchymal transition under control: global programs to regulate epithelial plasticity. *Seminars in Cancer Biology*, **2012**, 22, 361-8	12.7	210
75	Mutual exclusion of transcription factors and cell behaviour in the definition of vertebrate embryonic territories. *Current Opinion in Genetics and Development*, **2012**, 22, 308-14	4.9	3
74	Lats2 kinase potentiates Snail1 activity by promoting nuclear retention upon phosphorylation. *EMBO Journal*, **2012**, 31, 29-43	13	84
73	Reciprocal repression between Sox3 and snail transcription factors defines embryonic territories at gastrulation. *Developmental Cell*, **2011**, 21, 546-58	10.2	77
72	An epigenetic mark that protects the epithelial phenotype in health and disease. *Cell Stem Cell*, **2011**, 8, 462-3	18	4
71	Repression of Puma by scratch2 is required for neuronal survival during embryonic development. *Cell Death and Differentiation*, **2011**, 18, 1196-207	12.7	17

70	The ins and outs of the epithelial to mesenchymal transition in health and disease. *Annual Review of Cell and Developmental Biology*, **2011**, 27, 347-76	12.6	564
69	Thanatophoric dysplasia type II with encephalocele and semilobar holoprosencephaly: Insights into its pathogenesis. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 197-202	2.5	8
68	Snail1 suppresses TGF-beta-induced apoptosis and is sufficient to trigger EMT in hepatocytes. *Journal of Cell Science*, **2010**, 123, 3467-77	5.3	109
67	Deletion of H-Ras decreases renal fibrosis and myofibroblast activation following ureteral obstruction in mice. *Kidney International*, **2010**, 77, 509-18	9.9	48
66	Epithelial plasticity, stemness and pluripotency. *Cell Research*, **2010**, 20, 1086-8	24.7	24
65	Review of the recently defined molecular mechanisms underlying thanatophoric dysplasia and their potential therapeutic implications for achondroplasia. *American Journal of Medical Genetics, Part A*, **2010**, 152A, 245-55	2.5	28
64	Epithelial-Mesenchymal Transitions in development and disease: old views and new perspectives. *International Journal of Developmental Biology*, **2009**, 53, 1541-7	1.9	151
63	Characterization of Snail nuclear import pathways as representatives of C2H2 zinc finger transcription factors. *Journal of Cell Science*, **2009**, 122, 1452-60	5.3	47
62	Attenuation of Notch signalling by the Down-syndrome-associated kinase DYRK1A. *Journal of Cell Science*, **2009**, 122, 1574-83	5.3	54
61	The class I bHLH factors E2-2A and E2-2B regulate EMT. *Journal of Cell Science*, **2009**, 122, 1014-24	5.3	94
60	Evolutionary history of the Snail/Scratch superfamily. *Trends in Genetics*, **2009**, 25, 248-52	8.5	56
59	Inflammation and EMT: an alliance towards organ fibrosis and cancer progression. *EMBO Molecular Medicine*, **2009**, 1, 303-14	12	469
58	Snail1 controls bone mass by regulating Runx2 and VDR expression during osteoblast differentiation. *EMBO Journal*, **2009**, 28, 686-96	13	43
57	Epithelial-mesenchymal transitions in development and disease. *Cell*, **2009**, 139, 871-90	56.2	7255
56	Ectopic expression of Cvh (Chicken Vasa homologue) mediates the reprogramming of chicken embryonic stem cells to a germ cell fate. *Developmental Biology*, **2009**, 330, 73-82	3.1	56
55	Epithelial-mesenchymal transitions: the importance of changing cell state in development and disease. *Journal of Clinical Investigation*, **2009**, 119, 1438-49	15.9	979
54	The physiology and pathology of the EMT. Meeting on the epithelial-mesenchymal transition. *EMBO Reports*, **2008**, 9, 322-6	6.5	85
53	A new regulatory loop in cancer-cell invasion. *EMBO Reports*, **2008**, 9, 521-2	6.5	11

52	Riding the right wave: would the real neural crest please stand up?. *Evolution & Development*, **2008**, 10, 509-10	2.6	
51	Non-coding RNAs take centre stage in epithelial-to-mesenchymal transition. *Trends in Cell Biology*, **2008**, 18, 357-9	18.3	90
50	In situ hybridization analysis of chick embryos in whole-mount and tissue sections. *Methods in Cell Biology*, **2008**, 87, 169-85	1.8	95
49	Snail genes at the crossroads of symmetric and asymmetric processes in the developing mesoderm. *EMBO Reports*, **2007**, 8, 104-9	6.5	25
48	Reactivation of Snail genes in renal fibrosis and carcinomas: a process of reversed embryogenesis?. *Cell Cycle*, **2007**, 6, 638-42	4.7	40
47	Snail1a and Snail1b cooperate in the anterior migration of the axial mesendoderm in the zebrafish embryo. *Development (Cambridge)*, **2007**, 134, 4073-81	6.6	55
46	Snail1 is a transcriptional effector of FGFR3 signaling during chondrogenesis and achondroplasias. *Developmental Cell*, **2007**, 13, 872-83	10.2	74
45	The expression of Scratch genes in the developing and adult brain. *Developmental Dynamics*, **2006**, 235, 2586-91	2.9	19
44	Snail activation disrupts tissue homeostasis and induces fibrosis in the adult kidney. *EMBO Journal*, **2006**, 25, 5603-13	13	254
43	Evolution of the neural crest. *Advances in Experimental Medicine and Biology*, **2006**, 589, 235-44	3.6	6
42	How to become neural crest: from segregation to delamination. *Seminars in Cell and Developmental Biology*, **2005**, 16, 655-62	7.5	59
41	A molecular role for lysyl oxidase-like 2 enzyme in snail regulation and tumor progression. *EMBO Journal*, **2005**, 24, 3446-58	13	342
40	Rac1b and reactive oxygen species mediate MMP-3-induced EMT and genomic instability. *Nature*, **2005**, 436, 123-7	50.4	1017
39	The Snail genes as inducers of cell movement and survival: implications in development and cancer. *Development (Cambridge)*, **2005**, 132, 3151-61	6.6	1025
38	LSox5 regulates RhoB expression in the neural tube and promotes generation of the neural crest. *Development (Cambridge)*, **2004**, 131, 4455-65	6.6	86
37	Snail and E47 repressors of E-cadherin induce distinct invasive and angiogenic properties in vivo. *Journal of Cell Science*, **2004**, 117, 2827-39	5.3	130
36	Snail blocks the cell cycle and confers resistance to cell death. *Genes and Development*, **2004**, 18, 1131-43	12.6	623
35	Snail3 orthologues in vertebrates: divergent members of the Snail zinc-finger gene family. *Development Genes and Evolution*, **2004**, 214, 47-53	1.8	15

34	Relative expression of Slug, RhoB, and HNK-1 in the cranial neural crest of the early chicken embryo. *Developmental Dynamics*, **2004**, 229, 136-9	2.9	43
33	Expression of chicken slug and snail in mesenchymal components of the developing central nervous system. *Developmental Dynamics*, **2004**, 230, 144-8	2.9	20
32	Snail family members and cell survival in physiological and pathological cleft palates. *Developmental Biology*, **2004**, 265, 207-18	3.1	98
31	Snail precedes slug in the genetic cascade required for the specification and migration of the Xenopus neural crest. *Development (Cambridge)*, **2003**, 130, 483-94	6.6	178
30	A celebration of the new head and an evaluation of the new mouth. *Neuron*, **2003**, 37, 895-8	13.9	29
29	Correlation of Snail expression with histological grade and lymph node status in breast carcinomas. *Oncogene*, **2002**, 21, 3241-6	9.2	478
28	The snail superfamily of zinc-finger transcription factors. *Nature Reviews Molecular Cell Biology*, **2002**, 3, 155-66	48.7	1370
27	Modularity and reshuffling of Snail and Slug expression during vertebrate evolution. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 16841-6	11.5	102
26	Biological potential of a functional human SNAIL retrogene. *Journal of Biological Chemistry*, **2002**, 277, 38803-9	5.4	24
25	Expression of EphA receptors and ligands during chick cerebellar development. *Mechanisms of Development*, **2002**, 114, 225-9	1.7	10
24	Overexpression of Snail family members highlights their ability to promote chick neural crest formation. *Development (Cambridge)*, **2002**, 129, 1583-1593	6.6	158
23	Overexpression of Snail family members highlights their ability to promote chick neural crest formation. *Development (Cambridge)*, **2002**, 129, 1583-93	6.6	64
22	The epithelial mesenchymal transition confers resistance to the apoptotic effects of transforming growth factor Beta in fetal rat hepatocytes. *Molecular Cancer Research*, **2002**, 1, 68-78	6.6	149
21	The increasing complexity of the Snail gene superfamily in metazoan evolution. *Trends in Genetics*, **2001**, 17, 178-81	8.5	87
20	A new role for E12/E47 in the repression of E-cadherin expression and epithelial-mesenchymal transitions. *Journal of Biological Chemistry*, **2001**, 276, 27424-31	5.4	342
19	Differential expression of Eph receptors and ephrins correlates with the formation of topographic projections in primary and secondary visual circuits of the embryonic chick forebrain. *Developmental Biology*, **2001**, 234, 289-303	3.1	32
18	The early steps of neural crest development. *Mechanisms of Development*, **2001**, 105, 27-35	1.7	103
17	Cell movements during vertebrate development: integrated tissue behaviour versus individual cell migration. *Current Opinion in Genetics and Development*, **2001**, 11, 464-9	4.9	126

16	Role of FGFs in the control of programmed cell death during limb development. *Development (Cambridge)*, **2001**, 128, 2075-2084	6.6	71
15	The transcription factor snail controls epithelial-mesenchymal transitions by repressing E-cadherin expression. *Nature Cell Biology*, **2000**, 2, 76-83	23.4	2846
14	GluR5 and GluR6 kainate receptor subunits coexist in hippocampal neurons and coassemble to form functional receptors. *Journal of Neuroscience*, **2000**, 20, 196-205	6.6	160
13	Neural induction in whole chick embryo cultures by FGF. *Developmental Biology*, **1998**, 199, 42-54	3.1	67
12	Novel expression gradients of Eph-like receptor tyrosine kinases in the developing chick retina. *Developmental Biology*, **1997**, 188, 363-8	3.1	32
11	The expression of chick EphA7 during segmentation of the central and peripheral nervous system. *Mechanisms of Development*, **1997**, 68, 173-7	1.7	36
10	Multiple roles of Eph-like kinases and their ligands during development. *Cell and Tissue Research*, **1997**, 290, 243-50	4.2	19
9	In situ hybridization analysis of chick embryos in whole mount and tissue sections. *Methods in Cell Biology*, **1996**, 51, 219-35	1.8	369
8	Progressive spatial restriction of Sek-1 and Krox-20 gene expression during hindbrain segmentation. *Developmental Biology*, **1996**, 173, 26-38	3.1	115
7	Molecular biology of axon guidance. *Neuron*, **1996**, 17, 1039-48	13.9	51
6	Induction of ectopic engrailed expression and fate change in avian rhombomeres: intersegmental boundaries as barriers. *Mechanisms of Development*, **1995**, 51, 289-303	1.7	132
5	Growth factors as survival factors: regulation of apoptosis. *BioEssays*, **1994**, 16, 133-8	4.1	134
4	Several receptor tyrosine kinase genes of the Eph family are segmentally expressed in the developing hindbrain. *Mechanisms of Development*, **1994**, 47, 3-17	1.7	134
3	Control of cell behavior during vertebrate development by Slug, a zinc finger gene. *Science*, **1994**, 264, 835-9	33.3	649
2	Apoptosis in human thymocytes after treatment with glucocorticoids. *Clinical and Experimental Immunology*, **1992**, 88, 341-4	6.2	51
1	The unjamming transition is distinct from the epithelial-to-mesenchymal transition		6