M Angela Nieto

List of Publications by Year
in descending order

107 papers	36,104 citations	19608 61 h-index	24915 109 g-index
141 all docs	141 docs citations	141 times ranked	36318 citing authors

#	Article	IF	Citations
1	Antifibrotic drugs as therapeutic tools in resistant melanoma. EMBO Molecular Medicine, 2022, 14, e15449.	3.3	2
2	Are You Interested or Afraid of Working on EMT?. Methods in Molecular Biology, 2021, 2179, 19-28.	0.4	2
3	The Evolutionary History of Ephs and Ephrins: Toward Multicellular Organisms. Molecular Biology and Evolution, 2020, 37, 379-394.	3.5	13
4	Gâ€proteinâ€coupled receptor kinase 2 safeguards epithelial phenotype in head and neck squamous cell carcinomas. International Journal of Cancer, 2020, 147, 218-229.	2.3	2
5	In primary airway epithelial cells, the unjamming transition is distinct from the epithelial-to-mesenchymal transition. Nature Communications, 2020, 11, 5053.	5.8	107
6	Proliferation and EMT trigger heart repair. Nature Cell Biology, 2020, 22, 1291-1292.	4.6	2
7	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis. Developmental Cell, 2020, 54, 593-607.e5.	3.1	70
8	Reply to: Zebrafish prrx1a mutants have normal hearts. Nature, 2020, 585, E17-E19.	13.7	5
9	50+ shades of EMT in 20 years of embryoâ^'cancer bonding. Nature Reviews Molecular Cell Biology, 2020, 21, 563-563.	16.1	4
10	Glucose Metabolism Takes Center Stage in Epithelial-Mesenchymal Plasticity. Developmental Cell, 2020, 53, 133-135.	3.1	9
11	Guidelines and definitions for research on epithelialâ€“mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
12	MicroRNAs Establish the Right-Handed Dominance of the Heart Laterality Pathway in Vertebrates. Developmental Cell, 2019, 51, 446-459.e5.	3.1	15
13	A gene regulatory network to control EMT programs in development and disease. Nature Communications, 2019, 10, 5115.	5.8	94
14	Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease. Nature Communications, 2019, 10, 2110.	5.8	139
15	A snail tale and the chicken embryo. International Journal of Developmental Biology, 2018, 62, 121-126.	0.3	5
16	<i>Snail2</i> and <i>Zeb2</i> repress <i>P-Cadherin</i> to define embryonic territories in the chick embryo. Development (Cambridge), 2017, 144, 649-656.	1.2	16
17	Context-specific roles of EMT programmes in cancer cell dissemination. Nature Cell Biology, 2017, 19, 416-418.	4.6	80
18	A right-handed signalling pathway drives heart looping in vertebrates. Nature, 2017, 549, 86-90.	13.7	85

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19	Upholding a role for EMT in breast cancer metastasis. Nature, 2017, 547, E1-E3.	13.7	266
20	Upholding a role for EMT in pancreatic cancer metastasis. Nature, 2017, 547, E7-E8.	13.7	203
21	EMT: 2016. Cell, 2016, 166, 21-45.	13.5	3,573
22	Identification of p53-target genes in Danio rerio. Scientific Reports, 2016, 6, 32474.	1.6	10
23	Molecular Mechanisms Controlling the Migration of Striatal Interneurons. Journal of Neuroscience, 2015, 35, 8718-8729.	1.7	39
24	Snail1-induced partial epithelial-to-mesenchymal transition drives renal fibrosis in mice and can be targeted to reverse established disease. Nature Medicine, 2015, 21, 989-997.	15.2	612
25	Snail Transcription Factors. , 2014, , 4274-4279.		0
26	eEF1A Mediates the Nuclear Export of SNAG-Containing Proteins via the Exportin5-Aminoacyl-tRNA Complex. Cell Reports, 2013, 5, 727-737.	2.9	22
27	Epithelial Plasticity: A Common Theme in Embryonic and Cancer Cells. Science, 2013, 342, 1234850.	6.0	821
28	Scratch2 Prevents Cell Cycle Re-Entry by Repressing miR-25 in Postmitotic Primary Neurons. Journal of Neuroscience, 2013, 33, 5095-5105.	1.7	23
29	Lats2 kinase potentiates Snail1 activity by promoting nuclear retention upon phosphorylation. EMBO Journal, 2012, 31, 29-43.	3.5	101
30	Metastatic Colonization Requires the Repression of the Epithelial-Mesenchymal Transition Inducer Prrx1. Cancer Cell, 2012, 22, 709-724.	7.7	832
31	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.	0.9	9
32	The epithelialâ€"mesenchymal transition under control: Global programs to regulate epithelial plasticity. Seminars in Cancer Biology, 2012, 22, 361-368.	4.3	244
33	Mutual exclusion of transcription factors and cell behaviour in the definition of vertebrate embryonic territories. Current Opinion in Genetics and Development, 2012, 22, 308-314.	1.5	5
34	Reciprocal Repression between Sox3 and Snail Transcription Factors Defines Embryonic Territories at Gastrulation. Developmental Cell, 2011, 21, 546-558.	3.1	89
35	An Epigenetic Mark that Protects the Epithelial Phenotype in Health and Disease. Cell Stem Cell, 2011, 8, 462-463.	5.2	4
36	Repression of Puma by Scratch2 is required for neuronal survival during embryonic development. Cell Death and Differentiation, 2011, 18, 1196-1207.	5.0	20

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37	The Ins and Outs of the Epithelial to Mesenchymal Transition in Health and Disease. Annual Review of Cell and Developmental Biology, 2011, 27, 347-376.	4.0	647
38	Thanatophoric dysplasia type II with encephalocele and semilobar holoprosencephaly: Insights into its pathogenesis. American Journal of Medical Genetics, Part A, 2011, 155, 197-202.	0.7	10
39	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, 245-255.	0.7	34
40	Snail1 suppresses TGF-Î²-induced apoptosis and is sufficient to trigger EMT in hepatocytes. Journal of Cell Science, 2010, 123, 3467-3477.	1.2	134
41	Deletion of H-Ras decreases renal fibrosis and myofibroblast activation following ureteral obstruction in mice. Kidney International, 2010, 77, 509-518.	2.6	56
42	Epithelial plasticity, stemness and pluripotency. Cell Research, 2010, 20, 1086-1088.	5.7	26
43	Epithelial-Mesenchymal Transitions in development and disease: old views and new perspectives. International Journal of Developmental Biology, 2009, 53, 1541-1547.	0.3	197
44	Characterization of Snail nuclear import pathways as representatives of C2H2 zinc finger transcription factors. Journal of Cell Science, 2009, 122, 1452-1460.	1.2	54
45	Attenuation of Notch signalling by the Down-syndrome-associated kinase DYRK1A. Journal of Cell Science, 2009, 122, 1574-1583.	1.2	70
46	The class I bHLH factors E2-2A and E2-2B regulate EMT. Journal of Cell Science, 2009, 122, 1014-1024.	1.2	110
47	Evolutionary history of the Snail/Scratch superfamily. Trends in Genetics, 2009, 25, 248-252.	2.9	64
48	Inflammation and EMT: an alliance towards organ fibrosis and cancer progression. EMBO Molecular Medicine, 2009, 1, 303-314.	3.3	557
49	Snail1 controls bone mass by regulating Runx2 and VDR expression during osteoblast differentiation. EMBO Journal, 2009, 28, 686-696.	3.5	58
50	Epithelial-Mesenchymal Transitions in Development and Disease. Cell, 2009, 139, 871-890.	13.5	8,592
51	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.	0.9	62
52	13-P126 scratch2 antagonizes p53-mediated apoptosis in the zebrafish spinal cord. Mechanisms of Development, 2009, 126, S233.	1.7	1
53	Epithelial-mesenchymal transitions: the importance of changing cell state in development and disease. Journal of Clinical Investigation, 2009, 119, 1438-1449.	3.9	1,155
54	The physiology and pathology of the EMT. EMBO Reports, 2008, 9, 322-326.	2.0	101

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55	A new regulatory loop in cancer-cell invasion. EMBO Reports, 2008, 9, 521-522.	2.0	11
56	Riding the right wave: would the real neural crest please stand up?. Evolution & Development, 2008, 10, 509-510.	1.1	0
57	Apoptosis in human thymocytes after treatment with glucocorticoids. Clinical and Experimental Immunology, 2008, 88, 341-344.	1.1	62
58	Non-coding RNAs take centre stage in epithelial-to-mesenchymal transition. Trends in Cell Biology, 2008, 18, 357-359.	3.6	101
59	Chapter 9 In Situ Hybridization Analysis of Chick Embryos in Wholeâ€Mount and Tissue Sections. Methods in Cell Biology, 2008, 87, 169-185.	0.5	117
60	Snail Transcription Factors. , 2008, , 2770-2772.		0
61	Reactivation ofSnailGenes in Renal Fibrosis and Carcinomas: A Process of Reversed Embryogenesis?. Cell Cycle, 2007, 6, 638-642.	1.3	45
62	Snail1a and Snail1b cooperate in the anterior migration of the axial mesendoderm in the zebrafish embryo. Development (Cambridge), 2007, 134, 4073-4081.	1.2	68
63	Snail1 Is a Transcriptional Effector of FGFR3 Signaling during Chondrogenesis and Achondroplasias. Developmental Cell, 2007, 13, 872-883.	3.1	97
64	Snail genes at the crossroads of symmetric and asymmetric processes in the developing mesoderm. EMBO Reports, 2007, 8, 104-109.	2.0	28
65	Snail activation disrupts tissue homeostasis and induces fibrosis in the adult kidney. EMBO Journal, 2006, 25, 5603-5613.	3.5	294
66	The expression ofScratch genes in the developing and adult brain. Developmental Dynamics, 2006, 235, 2586-2591.	0.8	24
67	Evolution of the Neural Crest. , 2006, 589, 235-244.		10
68	A molecular role for lysyl oxidase-like 2 enzyme in Snail regulation and tumor progression. EMBO Journal, 2005, 24, 3446-3458.	3.5	409
69	Rac1b and reactive oxygen species mediate MMP-3-induced EMT and genomic instability. Nature, 2005, 436, 123-127.	13.7	1,159
70	The Snail genes as inducers of cell movement and survival: implications in development and cancer. Development (Cambridge), 2005, 132, 3151-3161.	1.2	1,194
71	How to become neural crest: From segregation to delamination. Seminars in Cell and Developmental Biology, 2005, 16, 655-662.	2.3	63
72	LSox5 regulates RhoB expression in the neural tube and promotes generation of the neural crest. Development (Cambridge), 2004, 131, 4455-4465.	1.2	92

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73	Snail and E47 repressors of E-cadherin induce distinct invasive and angiogenic properties in vivo. Journal of Cell Science, 2004, 117, 2827-2839.	1.2	151
74	Snail blocks the cell cycle and confers resistance to cell death. Genes and Development, 2004, 18, 1131-1143.	2.7	738
75	Snail3 orthologues in vertebrates: divergent members of the Snail zinc-finger gene family. Development Genes and Evolution, 2004, 214, 47-53.	0.4	16
76	Relative expression ofSlug, RhoB, and HNK-1 in the cranial neural crest of the early chicken embryo. Developmental Dynamics, 2004, 229, 136-139.	0.8	48
77	Expression of chickenslug andsnail in mesenchymal components of the developing central nervous system. Developmental Dynamics, 2004, 230, 144-148.	0.8	22
78	Snail family members and cell survival in physiological and pathological cleft palates. Developmental Biology, 2004, 265, 207-218.	0.9	107
79	A Celebration of the New Head and an Evaluation of the New Mouth. Neuron, 2003, 37, 895-898.	3.8	32
80	Snail precedes Slug in the genetic cascade required for the specification and migration of the Xenopus neural crest. Development (Cambridge), 2003, 130, 483-494.	1.2	194
81	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, 16841-16846.	3.3	106
82	Biological Potential of a Functional Human SNAILRetrogene. Journal of Biological Chemistry, 2002, 277, 38803-38809.	1.6	27
83	Expression of EphA receptors and ligands during chick cerebellar development. Mechanisms of Development, 2002, 114, 225-229.	1.7	12
84	Correlation of Snail expression with histological grade and lymph node status in breast carcinomas. Oncogene, 2002, 21, 3241-3246.	2.6	522
85	The snail superfamily of zinc-finger transcription factors. Nature Reviews Molecular Cell Biology, 2002, 3, 155-166.	16.1	1,557
86	Overexpression of Snail family members highlights their ability to promote chick neural crest formation. Development (Cambridge), 2002, 129, 1583-1593.	1.2	177
87	Overexpression of Snail family members highlights their ability to promote chick neural crest formation. Development (Cambridge), 2002, 129, 1583-93.	1.2	64
88	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.	1.5	172
89	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.	0.9	34
90	The early steps of neural crest development. Mechanisms of Development, 2001, 105, 27-35.	1.7	113

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91	Cell movements during vertebrate development: integrated tissue behaviour versus individual cell migration. Current Opinion in Genetics and Development, 2001, 11, 464-469.	1.5	136
92	The increasing complexity of the Snail gene superfamily in metazoan evolution. Trends in Genetics, 2001, 17, 178-181.	2.9	100
93	A New Role for E12/E47 in the Repression ofE-cadherin Expression and Epithelial-Mesenchymal Transitions. Journal of Biological Chemistry, 2001, 276, 27424-27431.	1.6	395
94	Role of FGFs in the control of programmed cell death during limb development. Development (Cambridge), 2001, 128, 2075-2084.	1.2	85
95	The transcription factor Snail controls epithelialâ€"mesenchymal transitions by repressing E-cadherin expression. Nature Cell Biology, 2000, 2, 76-83.	4.6	3,208
96	GluR5 and GluR6 Kainate Receptor Subunits Coexist in Hippocampal Neurons and Coassemble to Form Functional Receptors. Journal of Neuroscience, 2000, 20, 196-205.	1.7	179
97	Neural Induction in Whole Chick Embryo Cultures by FGF. Developmental Biology, 1998, 199, 42-54.	0.9	71
98	Novel Expression Gradients of Eph-like Receptor Tyrosine Kinases in the Developing Chick Retina. Developmental Biology, 1997, 188, 363-368.	0.9	34
99	The expression of chick EphA7 during segmentation of the central and peripheral nervous system. Mechanisms of Development, 1997, 68, 173-177.	1.7	39
100	Multiple roles of Eph-like kinases and their ligands during development. Cell and Tissue Research, 1997, 290, 243-250.	1.5	19
101	Chapter 11 In Situ Hybridization Analysis of Chick Embryos in Whole Mount and Tissue Sections. Methods in Cell Biology, 1996, 51, 219-235.	0.5	446
102	Progressive Spatial Restriction ofSek-1andKrox-20Gene Expression during Hindbrain Segmentation. Developmental Biology, 1996, 173, 26-38.	0.9	117
103	Molecular Biology of Axon Guidance. Neuron, 1996, 17, 1039-1048.	3.8	55
104	Induction of ectopic engrailed expression and fate change in avian rhombomeres: intersegmental boundaries as barriers. Mechanisms of Development, 1995, 51, 289-303.	1.7	140
105	Growth factors as survival factors: Regulation of apoptosis. BioEssays, 1994, 16, 133-138.	1.2	168
106	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	142
107	Control of cell behavior during vertebrate development by Slug, a zinc finger gene. Science, 1994, 264, 835-839.	6.0	717