Antonio GarcÃ-a de Herreros

List of Publications by Year
in descending order

112 papers	16,178 citations	18465 62 h-index	22147 113 g-index
115 all docs	115 docs citations	115 times ranked	19427 citing authors

#	Article	IF	Citations
1	Bioactivity descriptors for uncharacterized chemical compounds. Nature Communications, 2021, 12, 3932.	5.8	44
2	Src and Fyn define a new signaling cascade activated by canonical and non-canonical Wnt ligands and required for gene transcription and cell invasion. Cellular and Molecular Life Sciences, 2020, 77, 919-935.	2.4	22
3	Phosphorylation of Endothelin-Converting Enzyme-1c at Serines 18 and 20 by CK2 Promotes Aggressiveness Traits in Colorectal Cancer Cells. Frontiers in Oncology, 2020, 10, 1004.	1.3	5
4	Guidelines and definitions for research on epithelialâ€“mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
5	Intracellular Signals Activated by Canonical Wnt Ligands Independent of GSK3 Inhibition and Î²-Catenin Stabilization. Cells, 2019, 8, 1148.	1.8	35
6	Snail1: A Transcriptional Factor Controlled at Multiple Levels. Journal of Clinical Medicine, 2019, 8, 757.	1.0	43
7	TGFÎ²-Activated USP27X Deubiquitinase Regulates Cell Migration and Chemoresistance via Stabilization of Snail1. Cancer Research, 2019, 79, 33-46.	0.4	70
8	The role of DUBs in the post-translational control of cell migration. Essays in Biochemistry, 2019, 63, 579-594.	2.1	8
9	CK 1Îµ and p120â€catenin control Ror2 function in noncanonical Wnt signaling. Molecular Oncology, 2018, 12, 611-629.	2.1	12
10	p120-catenin in canonical Wnt signaling. Critical Reviews in Biochemistry and Molecular Biology, 2017, 52, 327-339.	2.3	23
11	Vitamin D and the Epithelial to Mesenchymal Transition. Stem Cells International, 2016, 2016, 1-11.	1.2	42
12	Snail1-Dependent Activation of Cancer-Associated Fibroblast Controls Epithelial Tumor Cell Invasion and Metastasis. Cancer Research, 2016, 76, 6205-6217.	0.4	65
13	Lysyl oxidaseâ€like 2 (<scp>LOXL</scp>2) oxidizes trimethylated lysine 4 in histone H3. FEBS Journal, 2016, 283, 4263-4273.	2.2	74
14	F-box proteins: Keeping the epithelial-to-mesenchymal transition (EMT) in check. Seminars in Cancer Biology, 2016, 36, 71-79.	4.3	95
15	A Switch in Akt Isoforms Is Required for Notch-Induced Snail1 Expression and Protection from Cell Death. Molecular and Cellular Biology, 2016, 36, 923-940.	1.1	19
16	Epithelial-to-Mesenchymal Transition in Penile Squamous Cell Carcinoma. Journal of Urology, 2015, 193, 699-705.	0.2	12
17	Snail1-driven plasticity of epithelial and mesenchymal cells sustains cancer malignancy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1856, 55-61.	3.3	44
18	LOXL2 Oxidizes Methylated TAF10 and Controls TFIID-Dependent Genes during Neural Progenitor Differentiation. Molecular Cell, 2015, 58, 755-766.	4.5	41

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19	Splicing of a non-coding antisense transcript controls<i>LEF1</i>gene expression. Nucleic Acids Research, 2015, 43, 5785-5797.	6.5	10
20	Snail1-Expressing Fibroblasts in the Tumor Microenvironment Display Mechanical Properties That Support Metastasis. Cancer Research, 2015, 75, 284-295.	0.4	92
21	Wilms' Tumor Protein Induces an Epithelial-Mesenchymal Hybrid Differentiation State in Clear Cell Renal Cell Carcinoma. PLoS ONE, 2014, 9, e102041.	1.1	56
22	Epithelial to mesenchymal transition in tumor cells as consequence of phenotypic instability. Frontiers in Cell and Developmental Biology, 2014, 2, 71.	1.8	11
23	The Epithelial-to-Mesenchymal Transition (EMT), a Particular Case. Molecular and Cellular Oncology, 2014, 1, e960770.	0.3	5
24	Invasive cells follow Snailâ€™s slow and persistent pace. Cell Cycle, 2014, 13, 2320-2321.	1.3	3
25	Regulation of the protein stability of EMT transcription factors. Cell Adhesion and Migration, 2014, 8, 418-428.	1.1	80
26	Nuclear ubiquitination by FBXL5 modulates Snail1 DNA binding and stability. Nucleic Acids Research, 2014, 42, 1079-1094.	6.5	68
27	Protumorigenic effects of Snailâ€expression fibroblasts on colon cancer cells. International Journal of Cancer, 2014, 134, 2984-2990.	2.3	36
28	Multivesicular GSK3 Sequestration upon Wnt Signaling Is Controlled by p120-Catenin/Cadherin Interaction with LRP5/6. Molecular Cell, 2014, 53, 444-457.	4.5	122
29	Targeting Epithelial-to-Mesenchymal Transition with Met Inhibitors Reverts Chemoresistance in Small Cell Lung Cancer. Clinical Cancer Research, 2014, 20, 938-950.	3.2	110
30	Snail1 Expression Is Required for Sarcomagenesis. Neoplasia, 2014, 16, 413-421.	2.3	24
31	Snail1 controls TGF-Î² responsiveness and differentiation of mesenchymal stem cells. Oncogene, 2013, 32, 3381-3389.	2.6	59
32	Proteome Profiling of Cancer-Associated Fibroblasts Identifies Novel Proinflammatory Signatures and Prognostic Markers for Colorectal Cancer. Clinical Cancer Research, 2013, 19, 6006-6019.	3.2	199
33	Regulation of Heterochromatin Transcription by Snail1/LOXL2 during Epithelial-to-Mesenchymal Transition. Molecular Cell, 2013, 52, 746-757.	4.5	91
34	Cancerâ€associated fibroblast and <scp>M</scp>2 macrophage markers together predict outcome in colorectal cancer patients. Cancer Science, 2013, 104, 437-444.	1.7	235
35	Epithelial to mesenchymal transition markers are associated with an increased metastatic risk in primary cutaneous squamous cell carcinomas but are attenuated in lymph node metastases. Journal of Dermatological Science, 2013, 72, 93-102.	1.0	65
36	Functional Heterogeneity of Cancer-Associated Fibroblasts from Human Colon Tumors Shows Specific Prognostic Gene Expression Signature. Clinical Cancer Research, 2013, 19, 5914-5926.	3.2	146

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37	PARP-1 Regulates Metastatic Melanoma through Modulation of Vimentin-induced Malignant Transformation. PLoS Genetics, 2013, 9, e1003531.	1.5	115
38	Epithelialâ€"Mesenchymal Transition Induces an Antitumor Immune Response Mediated by NKG2D Receptor. Journal of Immunology, 2013, 190, 4408-4419.	0.4	89
39	FGFR4 Role in Epithelial-Mesenchymal Transition and Its Therapeutic Value in Colorectal Cancer. PLoS ONE, 2013, 8, e63695.	1.1	51
40	Akt2 interacts with Snail1 in the E-cadherin promoter. Oncogene, 2012, 31, 4022-4033.	2.6	27
41	Rac1 activation upon Wnt stimulation requires Rac1 and Vav2 binding to p120-catenin. Journal of Cell Science, 2012, 125, 5288-301.	1.2	35
42	181 Determination of Snail1 Paracrine Functions â€" Implication in Pro-tumorogenic Abilities on Colorectal Epithelial Cells Lines. European Journal of Cancer, 2012, 48, S44.	1.3	0
43	Epithelial-mesenchymal transition can suppress major attributes of human epithelial tumor-initiating cells. Journal of Clinical Investigation, 2012, 122, 1849-1868.	3.9	401
44	Epithelial to mesenchymal transition in early stage endometrioid endometrial carcinoma. Human Pathology, 2012, 43, 632-643.	1.1	75
45	Cooperation, amplification, and feed-back in epithelialâ€"mesenchymal transition. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1825, 223-228.	3.3	36
46	Nuclear Snail1 and nuclear ZEB1 protein expression in invasive and intraductal human breast carcinomas. Human Pathology, 2011, 42, 1125-1131.	1.1	44
47	TWIST1 Is Expressed in Colorectal Carcinomas and Predicts Patient Survival. PLoS ONE, 2011, 6, e18023.	1.1	55
48	TFCP2c/LSF/LBP-1c is required for Snail1-induced fibronectin gene expression. Biochemical Journal, 2011, 435, 563-568.	1.7	21
49	Wnt controls the transcriptional activity of Kaiso through CK1Îµ-dependent phosphorylation of p120-catenin. Journal of Cell Science, 2011, 124, 2298-2309.	1.2	49
50	Coordinated Action of CK1 Isoforms in Canonical Wnt Signaling. Molecular and Cellular Biology, 2011, 31, 2877-2888.	1.1	69
51	Functional Cooperation between Snail1 and Twist in the Regulation of ZEB1 Expression during Epithelial to Mesenchymal Transition. Journal of Biological Chemistry, 2011, 286, 12024-12032.	1.6	239
52	The p65 subunit of NF-ÎºB and PARP1 assist Snail1 in activating fibronectin transcription. Journal of Cell Science, 2011, 124, 4161-4171.	1.2	103
53	Snail Family Regulation and Epithelial Mesenchymal Transitions in Breast Cancer Progression. Journal of Mammary Gland Biology and Neoplasia, 2010, 15, 135-147.	1.0	205
54	Novel Snail1 Target Proteins in Human Colon Cancer Identified by Proteomic Analysis. PLoS ONE, 2010, 5, e10221.	1.1	29

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55	A p120-cateninâ€“CK1Îµ complex regulates Wnt signaling. Journal of Cell Science, 2010, 123, 2621-2631.	1.2	67
56	Transcriptional crosstalk between TGFÎ² and stem cell pathways in tumor cell invasion: Role of EMT promoting Smad complexes. Cell Cycle, 2010, 9, 2363-2374.	1.3	303
57	The Hypoxia-controlled FBXL14 Ubiquitin Ligase Targets SNAIL1 for Proteasome Degradation. Journal of Biological Chemistry, 2010, 285, 3794-3805.	1.6	143
58	Snail1 Protein in the Stroma as a New Putative Prognosis Marker for Colon Tumours. PLoS ONE, 2009, 4, e5595.	1.1	93
59	Mesenchymal cells reactivate Snail1 expression to drive three-dimensional invasion programs. Journal of Cell Biology, 2009, 184, 399-408.	2.3	140
60	Snail2 cooperates with Snail1 in the repression of vitamin D receptor in colon cancer. Carcinogenesis, 2009, 30, 1459-1468.	1.3	119
61	A SNAIL1â€“SMAD3/4 transcriptional repressor complex promotes TGF-Î² mediated epithelialâ€“mesenchymal transition. Nature Cell Biology, 2009, 11, 943-950.	4.6	585
62	Epithelial-mesenchymal transition downregulates laminin Î±5 chain and upregulates laminin Î±4 chain in oral squamous carcinoma cells. Histochemistry and Cell Biology, 2008, 130, 509-525.	0.8	47
63	Vascular endothelial growth factor-A stimulates Snail expression in breast tumor cells: Implications for tumor progression. Experimental Cell Research, 2008, 314, 2448-2453.	1.2	74
64	Repression of PTEN Phosphatase by Snail1 Transcriptional Factor during Gamma Radiation-Induced Apoptosis. Molecular and Cellular Biology, 2008, 28, 1528-1540.	1.1	171
65	A natural antisense transcript regulates Zeb2/Sip1 gene expression during Snail1-induced epithelialâ€“mesenchymal transition. Genes and Development, 2008, 22, 756-769.	2.7	592
66	E-cadherin controls Î²-catenin and NF-ÎºB transcriptional activity in mesenchymal gene expression. Journal of Cell Science, 2008, 121, 2224-2234.	1.2	132
67	RhoAâ€“ROCK and p38MAPK-MSK1 mediate vitamin D effects on gene expression, phenotype, and Wnt pathway in colon cancer cells. Journal of Cell Biology, 2008, 183, 697-710.	2.3	102
68	Signalling by neurotrophins and hepatocyte growth factor regulates axon morphogenesis by differential Î²-catenin phosphorylation. Journal of Cell Science, 2008, 121, 2718-2730.	1.2	49
69	Polycomb Complex 2 Is Required for <i>E-cadherin</i> Repression by the Snail1 Transcription Factor. Molecular and Cellular Biology, 2008, 28, 4772-4781.	1.1	390
70	Gamma-Secretase-Dependent and -Independent Effects of Presenilin1 on Î²-CateninÂ·Tcf-4 Transcriptional Activity. PLoS ONE, 2008, 3, e4080.	1.1	17
71	The inhibition of Wnt/Î²-catenin signalling by 1Î±,25-dihydroxyvitamin D3 is abrogated by Snail1 in human colon cancer cells. Endocrine-Related Cancer, 2007, 14, 141-151.	1.6	89
72	Specific Phosphorylation of p120-Catenin Regulatory Domain Differently Modulates Its Binding to RhoA. Molecular and Cellular Biology, 2007, 27, 1745-1757.	1.1	96

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73	Activation of NF-Î°B by Akt upregulates Snail expression and induces epithelium mesenchyme transition. Oncogene, 2007, 26, 7445-7456.	2.6	441
74	Expression of Snail protein in tumorâ€"stroma interface. Oncogene, 2006, 25, 5134-5144.	2.6	198
75	The expression levels of the transcriptional regulators p300 and CtBP modulate the correlations between SNAIL, ZEB1, E-cadherin and vitamin D receptor in human colon carcinomas. International Journal of Cancer, 2006, 119, 2098-2104.	2.3	128
76	Snail1 transcriptional repressor binds to its own promoter and controls its expression. Nucleic Acids Research, 2006, 34, 2077-2084.	6.5	135
77	SPARC Represses E-Cadherin and Induces Mesenchymal Transition during Melanoma Development. Cancer Research, 2006, 66, 7516-7523.	0.4	145
78	Snail-dependent and -independent Epithelial-Mesenchymal Transition in Oral Squamous Carcinoma Cells. Journal of Histochemistry and Cytochemistry, 2006, 54, 1263-1275.	1.3	88
79	Presenilin-1 Interacts with Plakoglobin and Enhances Plakoglobin-Tcf-4 Association. Journal of Biological Chemistry, 2006, 281, 1401-1411.	1.6	14
80	The Wnt antagonist DICKKOPF-1 gene is a downstream target of Î²-catenin/TCF and is downregulated in human colon cancer. Oncogene, 2005, 24, 1098-1103.	2.6	350
81	Glycogen synthase kinase-3 is an endogenous inhibitor of Snail transcription. Journal of Cell Biology, 2005, 168, 29-33.	2.3	360
82	Cancer development induced by graded expression of Snail in mice. Human Molecular Genetics, 2005, 14, 3449-3461.	1.4	67
83	E-cadherin and vitamin D receptor regulation by SNAIL and ZEB1 in colon cancer: clinicopathological correlations. Human Molecular Genetics, 2005, 14, 3361-3370.	1.4	168
84	Endothelin-1 Promotes Epithelial-to-Mesenchymal Transition in Human Ovarian Cancer Cells. Cancer Research, 2005, 65, 11649-11657.	0.4	161
85	Î²-Catenin and Plakoglobin N- and C-tails Determine Ligand Specificity. Journal of Biological Chemistry, 2004, 279, 49849-49856.	1.6	47
86	The transcription factor SNAIL represses vitamin D receptor expression and responsiveness in human colon cancer. Nature Medicine, 2004, 10, 917-919.	15.2	269
87	Regulation of Snail transcription during epithelial to mesenchymal transition of tumor cells. Oncogene, 2004, 23, 7345-7354.	2.6	315
88	APC 3Ã—15 Î²-catenin-binding domain potentiates Î²-catenin association to TBP and upregulates TCF-4 transcriptional activity. Biochemical and Biophysical Research Communications, 2003, 309, 830-835.	1.0	5
89	Phosphorylation Regulates the Subcellular Location and Activity of the Snail Transcriptional Repressor. Molecular and Cellular Biology, 2003, 23, 5078-5089.	1.1	214
90	p120 Catenin-Associated Fer and Fyn Tyrosine Kinases Regulate Î²-Catenin Tyr-142 Phosphorylation and Î²-Catenin-Î±-Catenin Interaction. Molecular and Cellular Biology, 2003, 23, 2287-2297.	1.1	304

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91	Tyrosine Phosphorylation of Plakoglobin Causes Contrary Effects on Its Association with Desmosomes and Adherens Junction Components and Modulates Î²-Catenin-Mediated Transcription. Molecular and Cellular Biology, 2003, 23, 7391-7402.	1.1	98
92	The Transcriptional Factor Tcf-4 Contains Different Binding Sites for Î²-Catenin and Plakoglobin. Journal of Biological Chemistry, 2002, 277, 1884-1891.	1.6	106
93	Snail Induction of Epithelial to Mesenchymal Transition in Tumor Cells Is Accompanied by MUC1 Repression andZEB1 Expression. Journal of Biological Chemistry, 2002, 277, 39209-39216.	1.6	407
94	Î²-Catenin N- and C-terminal Tails Modulate the Coordinated Binding of Adherens Junction Proteins to Î²-Catenin. Journal of Biological Chemistry, 2002, 277, 31541-31550.	1.6	58
95	Inhibition of integrin linked kinase (ILK) suppresses Î²-catenin-Lef/Tcf-dependent transcription and expression of the E-cadherin repressor, snail, in APCâˆ'/âˆ' human colon carcinoma cells. Oncogene, 2001, 20, 133-140.	2.6	241
96	Loss of E-cadherin Expression in Melanoma Cells Involves Up-regulation of the Transcriptional Repressor Snail. Journal of Biological Chemistry, 2001, 276, 24661-24666.	1.6	253
97	The transcription factor Snail is a repressor of E-cadherin gene expression in epithelial tumour cells. Nature Cell Biology, 2000, 2, 84-89.	4.6	2,355
98	Regulation of E-cadherin/Catenin Association by Tyrosine Phosphorylation. Journal of Biological Chemistry, 1999, 274, 36734-36740.	1.6	533
99	Independent regulation of adherens and tight junctions by tyrosine phosphorylation in Caco-2 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1452, 121-132.	1.9	31
100	Adenomatous polyposis coli protein (APC)-independent regulation of Î²-catenin/Tcf-4 mediated transcription in intestinal cells. Biochemical Journal, 1999, 344, 565.	1.7	5
101	Isolation of tissue-type plasminogen activator, cathepsin H, and non-specific cross-reacting antigen from SK-PC-1 pancreas cancer cells using subtractive hybridization. FEBS Letters, 1996, 385, 72-76.	1.3	27
102	Intestinal HT-29 cells with dysfunction of E-cadherin show increased pp60src activity and tyrosine phosphorylation of p120-catenin. Biochemical Journal, 1996, 317, 279-284.	1.7	53
103	Gender verification in sports by PCR amplification of SRY and DYZ1 Y chromosome specific sequences: presence of DYZ1 repeat in female athletes.. British Journal of Sports Medicine, 1996, 30, 310-312.	3.1	17
104	The protein kinase C activator TPA modulates cellular levels and distribution of E-cadherin in HT-29 human intestinal epithelial cells. FEBS Letters, 1995, 374, 415-418.	1.3	12
105	Antipeptide antibodies directed against the C-terminus of protein kinase CÎ¶ (PKCÎ¶) react with a Ca2+- and TPA-sensitive PKC in HT-29 human intestinal epithelial cells. FEBS Letters, 1994, 344, 161-165.	1.3	15
106	Determination of genetic sex by PCR amplification of Y-chromosome-specific sequences. Lancet, The, 1993, 341, 1593.	6.3	8
107	Phospholipase C-mediated hydrolysis of phosphatidylcholine is a target of transforming growth factor beta 1 inhibitory signals.. Molecular and Cellular Biology, 1992, 12, 302-308.	1.1	40
108	Evidence for a role of protein kinase C zeta subspecies in maturation of Xenopus laevis oocytes.. Molecular and Cellular Biology, 1992, 12, 3776-3783.	1.1	164

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109	Role of GTPase activating protein in mitogenic signalling through phosphatidylcholine-hydrolysing phospholipase C.. EMBO Journal, 1991, 10, 3215-3220.	3.5	38
110	Activation of an insulin-stimulated S6 kinase in 3T3 L1 cell-free extracts by proteolysis. FEBS Letters, 1989, 248, 53-56.	1.3	1
111	Transformation stimulates glucose transporter gene expression in the absence of protein kinase C.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 8252-8256.	3.3	42
112	Purification of a bovine liver S6 kinase. Biochemical and Biophysical Research Communications, 1987, 144, 891-899.	1.0	70