Francesca M Spagnoli

List of Publications by Year
in descending order

34 papers	1,544 citations	430442 18 h-index	377514 34 g-index
40 all docs	40 docs citations	40 times ranked	2535 citing authors

#	Article	IF	Citations
1	Balancing BMP Signaling through Integrated Inputs into the Smad1 Linker. Molecular Cell, 2007, 25, 441-454.	4.5	381
2	The miR-430/427/302 Family Controls Mesendodermal Fate Specification via Species-Specific Target Selection. Developmental Cell, 2009, 16, 517-527.	3.1	204
3	Mechanisms, Hallmarks, and Implications of Stem Cell Quiescence. Stem Cell Reports, 2019, 12, 1190-1200.	2.3	111
4	In vivo reprogramming for tissue repair. Nature Cell Biology, 2015, 17, 204-211.	4.6	86
5	Identification of a Bipotential Precursor Cell in Hepatic Cell Lines Derived from Transgenic Mice Expressing Cyto-Met in the Liver. Journal of Cell Biology, 1998, 143, 1101-1112.	2.3	79
6	Snail controls differentiation of hepatocytes by repressing HNF4Î± expression. Journal of Cellular Physiology, 2006, 209, 230-238.	2.0	71
7	Mutually exclusive signaling signatures define the hepatic and pancreatic progenitor cell lineage divergence. Genes and Development, 2013, 27, 1932-1946.	2.7	70
8	The<i>Gata5</i>target,<i>TGIF2</i>, defines the pancreatic region by modulating BMP signals within the endoderm. Development (Cambridge), 2008, 135, 451-461.	1.2	41
9	Recessive Mutations in <i>PCBD1</i> Cause a New Type of Early-Onset Diabetes. Diabetes, 2014, 63, 3557-3564.	0.3	41
10	Stepwise reprogramming of liver cells to a pancreas progenitor state by the transcriptional regulator Tgif2. Nature Communications, 2017, 8, 14127.	5.8	41
11	The RNA-binding protein, Vg1RBP, is required for pancreatic fate specification. Developmental Biology, 2006, 292, 442-456.	0.9	38
12	A Specialized Niche in the Pancreatic Microenvironment Promotes Endocrine Differentiation. Developmental Cell, 2020, 55, 150-162.e6.	3.1	37
13	Rho signalling restriction by the RhoGAP <i>Stard13</i> integrates growth and morphogenesis in the pancreas. Development (Cambridge), 2013, 140, 126-135.	1.2	33
14	Guiding embryonic stem cells towards differentiation: lessons from molecular embryology. Current Opinion in Genetics and Development, 2006, 16, 469-475.	1.5	32
15	Two Novel GATA6 Mutations Cause Childhood-Onset Diabetes Mellitus, Pancreas Malformation and Congenital Heart Disease. Hormone Research in Paediatrics, 2013, 79, 250-256.	0.8	28
16	Robo signalling controls pancreatic progenitor identity by regulating Tead transcription factors. Nature Communications, 2018, 9, 5082.	5.8	26
17	Quantitative lineage analysis identifies a hepato-pancreato-biliary progenitor niche. Nature, 2021, 597, 87-91.	13.7	25
18	Glimpse into Hox and tale regulation of cell differentiation and reprogramming. Developmental Dynamics, 2014, 243, 76-87.	0.8	24

#	Article	IF	Citations
19	Employing core regulatory circuits to define cell identity. EMBO Journal, 2021, 40, e106785.	3.5	23
20	Whole organism small molecule screen identifies novel regulators of pancreatic endocrine development. Development (Cambridge), 2019, 146, .	1.2	22
21	Pancreas organogenesis: The interplay between surrounding microenvironment(s) and epithelium-intrinsic factors. Current Topics in Developmental Biology, 2019, 132, 221-256.	1.0	20
22	The RhoGAP Stard13 controls insulin secretion through F-actin remodeling. Molecular Metabolism, 2018, 8, 96-105.	3.0	17
23	A System for ex vivo Culturing of Embryonic Pancreas. Journal of Visualized Experiments, 2012, , e3979.	0.2	16
24	Functional genomics and the future of iPSCs in disease modeling. Stem Cell Reports, 2022, 17, 1033-1047.	2.3	16
25	The histone methyltransferase Setd7 promotes pancreatic progenitor identity. Development (Cambridge), 2016, 143, 3573-3581.	1.2	12
26	Xenopus as a model system for studying pancreatic development and diabetes. Seminars in Cell and Developmental Biology, 2016, 51, 106-116.	2.3	11
27	Development of a 3D atlas of the embryonic pancreas for topological and quantitative analysis of heterologous cell interactions. Development (Cambridge), 2022, 149, .	1.2	11
28	The postnatal pancreatic microenvironment guides Î² cell maturation through BMP4 production. Developmental Cell, 2021, 56, 2703-2711.e5.	3.1	10
29	Direct Lineage Reprogramming: Harnessing Cell Plasticity between Liver and Pancreas. Cold Spring Harbor Perspectives in Biology, 2020, 12, a035626.	2.3	7
30	Pancreatic cell fate specification: insights into developmental mechanisms and their application for lineage reprogramming. Current Opinion in Genetics and Development, 2021, 70, 32-39.	1.5	5
31	Simply the right time to turn on insulin. EMBO Journal, 2015, 34, 1740-1742.	3.5	2
32	Location matters for insulin-producing cells. Nature, 2018, 564, 50-51.	13.7	2
33	RhoGAP control of pancreas development. Small GTPases, 2013, 4, 127-131.	0.7	1
34	Engineering life in synthetic systems. Development (Cambridge), 2021, 148, .	1.2	0