Leonardo Morsut

List of Publications by Year in Descending Order

19 papers	7,680 citations	11 h-index	22 g-index
22 ext. papers	9,364 ext. citations	27 avg, IF	5.5 L-index

#	Paper	IF	Citations
19	The evolution of synthetic receptor systems.. *Nature Chemical Biology*, **2022**,	11.7	6
18	The living interface between synthetic biology and biomaterial design.. *Nature Materials*, **2022**, 21, 390-397	27	4
17	Novel synthetic biology approaches for developmental systems. *Stem Cell Reports*, **2021**, 16, 1051-1064	8	3
16	Tissue Engineering: Synthetic Biology and Tissue Engineering: Toward Fabrication of Complex and Smart Cellular Constructs (Adv. Funct. Mater. 26/2020). *Advanced Functional Materials*, **2020**, 30, 2070169	15.6	
15	Synthetic Biology and Tissue Engineering: Toward Fabrication of Complex and Smart Cellular Constructs. *Advanced Functional Materials*, **2020**, 30, 1909882	15.6	10
14	Simple Rules Determine Distinct Patterns of Branching Morphogenesis. *Cell Systems*, **2019**, 9, 221-227	10.6	2
13	Synthetic development: building mammalian multicellular structures with artificial genetic programs. *Current Opinion in Biotechnology*, **2019**, 59, 130-140	11.4	19
12	Tissue Patterning: The Winner Takes It All, the Losers Standing Small. *Current Biology*, **2019**, 29, R334-R337	10.3	2
11	Guiding human development in a dish. *Nature Methods*, **2019**, 16, 585-586	21.6	1
10	Programming self-organizing multicellular structures with synthetic cell-cell signaling. *Science*, **2018**, 361, 156-162	33.3	207
9	Engineering multicellular systems: using synthetic biology to control tissue self-organization. *Current Opinion in Biomedical Engineering*, **2017**, 4, 163-173	4.4	35
8	Precision Tumor Recognition by T Cells With Combinatorial Antigen-Sensing Circuits. *Cell*, **2016**, 164, 770-9	56.2	529
7	Engineering Customized Cell Sensing and Response Behaviors Using Synthetic Notch Receptors. *Cell*, **2016**, 164, 780-91	56.2	440
6	Engineering T Cells with Customized Therapeutic Response Programs Using Synthetic Notch Receptors. *Cell*, **2016**, 167, 419-432.e16	56.2	335
5	CRISPR-mediated modular RNA-guided regulation of transcription in eukaryotes. *Cell*, **2013**, 154, 442-51	56.2	2255
4	USP15 is a deubiquitylating enzyme for receptor-activated SMADs. *Nature Cell Biology*, **2011**, 13, 1368-75	23.4	155
3	Role of YAP/TAZ in mechanotransduction. *Nature*, **2011**, 474, 179-83	50.4	3115

List of Publications

2	FAM/USP9x, a deubiquitinating enzyme essential for TGFbeta signaling, controls Smad4 monoubiquitination. *Cell*, **2009**, 136, 123-35	56.2	394
1	MicroRNA control of Nodal signalling. *Nature*, **2007**, 449, 183-8	50.4	168