

# Sirio Dupont

## List of Publications by Year in descending order

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46  
papers

17,036  
citations

109321

35  
h-index

223800

46  
g-index

46  
all docs

46  
docs citations

46  
times ranked

22542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of YAP/TAZ in mechanotransduction. <i>Nature</i> , 2011, 474, 179-183.	27.8	4,288
2	The Biology of YAP/TAZ: Hippo Signaling and Beyond. <i>Physiological Reviews</i> , 2014, 94, 1287-1312.	28.8	1,336
3	A Mechanical Checkpoint Controls Multicellular Growth through YAP/TAZ Regulation by Actin-Processing Factors. <i>Cell</i> , 2013, 154, 1047-1059.	28.9	1,278
4	The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. <i>Cell</i> , 2011, 147, 759-772.	28.9	1,115
5	YAP/TAZ Incorporation in the $\beta$ -Catenin Destruction Complex Orchestrates the Wnt Response. <i>Cell</i> , 2014, 158, 157-170.	28.9	873
6	Transduction of mechanical and cytoskeletal cues by YAP and TAZ. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 591-600.	37.0	788
7	Mapping Wnt/ $\beta$ -catenin signaling during mouse development and in colorectal tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3299-3304.	7.1	730
8	A Mutant-p53/Smad Complex Opposes p63 to Empower TGF $\beta$ <sup>2</sup> -Induced Metastasis. <i>Cell</i> , 2009, 137, 87-98.	28.9	717
9	Metabolic control of YAP and TAZ by the mevalonate pathway. <i>Nature Cell Biology</i> , 2014, 16, 357-366.	10.3	630
10	A MicroRNA Targeting Dicer for Metastasis Control. <i>Cell</i> , 2010, 141, 1195-1207.	28.9	619
11	FAM/USP9x, a Deubiquitinating Enzyme Essential for TGF $\beta$ <sup>2</sup> Signaling, Controls Smad4 Monoubiquitination. <i>Cell</i> , 2009, 136, 123-135.	28.9	442
12	BMP signaling controls muscle mass. <i>Nature Genetics</i> , 2013, 45, 1309-1318.	21.4	379
13	Links between Tumor Suppressors. <i>Cell</i> , 2003, 113, 301-314.	28.9	361
14	Role of YAP/TAZ in cell-matrix adhesion-mediated signalling and mechanotransduction. <i>Experimental Cell Research</i> , 2016, 343, 42-53.	2.6	340
15	Germ-Layer Specification and Control of Cell Growth by Ectodermin, a Smad4 Ubiquitin Ligase. <i>Cell</i> , 2005, 121, 87-99.	28.9	316
16	Aerobic glycolysis tunes <sc>YAP</sc> / <sc>TAZ</sc> transcriptional activity. <i>EMBO Journal</i> , 2015, 34, 1349-1370.	7.8	306
17	Emilin1 Links TGF- $\beta$ <sup>2</sup> Maturation to Blood Pressure Homeostasis. <i>Cell</i> , 2006, 124, 929-942.	28.9	274
18	YAP/TAZ functions and their regulation at a glance. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	204

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19	Integration of TGF- $\beta$ and Ras/MAPK Signaling Through p53 Phosphorylation. <i>Science</i> , 2007, 315, 840-843.	12.6	199
20	Crosstalk between mechanotransduction and metabolism. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 22-38.	37.0	193
21	USP15 is a deubiquitylating enzyme for receptor-activated SMADs. <i>Nature Cell Biology</i> , 2011, 13, 1368-1375.	10.3	182
22	MicroRNA control of Nodal signalling. <i>Nature</i> , 2007, 449, 183-188.	27.8	177
23	Control of YAP/TAZ Activity by Metabolic and Nutrient-Sensing Pathways. <i>Trends in Cell Biology</i> , 2016, 26, 289-299.	7.9	140
24	Molecular Pathways: YAP and TAZ Take Center Stage in Organ Growth and Tumorigenesis. <i>Clinical Cancer Research</i> , 2013, 19, 4925-4930.	7.0	135
25	Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. <i>Nature Cell Biology</i> , 2019, 21, 338-347.	10.3	135
26	Recruitment of TIF1 $\beta$ to Chromatin via Its PHD Finger-Bromodomain Activates Its Ubiquitin Ligase and Transcriptional Repressor Activities. <i>Molecular Cell</i> , 2011, 43, 85-96.	9.7	133
27	Functional differentiation of human pluripotent stem cells on a chip. <i>Nature Methods</i> , 2015, 12, 637-640.	19.0	122
28	Negative control of Smad activity by ectoderm/Tif1 $\beta$ patterns the mammalian embryo. <i>Development (Cambridge)</i> , 2010, 137, 2571-2578.	2.5	79
29	Mitochondrial fission links ECM mechanotransduction to metabolic redox homeostasis and metastatic chemotherapy resistance. <i>Nature Cell Biology</i> , 2022, 24, 168-180.	10.3	68
30	Convergence of p53 and TGF-beta signaling networks. <i>Cancer Letters</i> , 2004, 213, 129-138.	7.2	66
31	Mechanical regulation of chromatin and transcription. <i>Nature Reviews Genetics</i> , 2022, 23, 624-643.	16.3	64
32	d NTP metabolism links mechanical cues and YAP / TAZ to cell growth and oncogene-induced senescence. <i>EMBO Journal</i> , 2018, 37, .	7.8	60
33	F-actin dynamics regulates mammalian organ growth and cell fate maintenance. <i>Journal of Hepatology</i> , 2019, 71, 130-142.	3.7	56
34	Zebrafish mutants and TEAD reporters reveal essential functions for Yap and Taz in posterior cardinal vein development. <i>Scientific Reports</i> , 2018, 8, 10189.	3.3	42
35	Regulation of TGF $\beta$ <sup>2</sup> signal transduction by mono- and deubiquitylation of Smads. <i>FEBS Letters</i> , 2012, 586, 1913-1920.	2.8	36
36	Inflammation and pancreatic cancer: molecular and functional interactions between S100A8, S100A9, NT-S100A8 and TGF $\beta$ <sup>2</sup> . <i>Cell Communication and Signaling</i> , 2014, 12, 20.	6.5	31

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37	Self-regulation of the head-inducing properties of the Spemann organizer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15354-15359.	7.1	24
38	Fat facets deubiquitylation of Medea/Smad4 modulates interpretation of a Dpp morphogen gradient. Development (Cambridge), 2012, 139, 2721-2729.	2.5	22
39	Regulation of YAP/TAZ Activity by Mechanical Cues: An Experimental Overview. Methods in Molecular Biology, 2019, 1893, 183-202.	0.9	19
40	EphB6 Regulates TFEB-Lysosomal Pathway and Survival of Disseminated Indolent Breast Cancer Cells. Cancers, 2021, 13, 1079.	3.7	14
41	Signaling crosstalk between TGF $\beta$ 2 and Dishevelled/Par1b. Cell Death and Differentiation, 2012, 19, 1689-1697.	11.2	11
42	The sweet side of YAP/TAZ. Cell Cycle, 2015, 14, 2543-2544.	2.6	8
43	Luciferase Reporter Assays to Determine YAP/TAZ Activity in Mammalian Cells. Methods in Molecular Biology, 2019, 1893, 121-135.	0.9	7
44	A Lung Organotypic Coculture Reveals a Role for TFEB-Lysosomal Axis in the Survival of Disseminated Dormant Cancer Cells. Cancers, 2021, 13, 1007.	3.7	6
45	Fascin1 empowers YAP mechanotransduction and promotes cholangiocarcinoma development. Communications Biology, 2021, 4, 763.	4.4	6
46	Tissue Patterning: The Winner Takes It All, the Losers Standing Small. Current Biology, 2019, 29, R334-R337.	3.9	5