

# Timothee Vignaud

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1165606/publications.pdf>

Version: 2024-02-01

16  
papers

1,051  
citations

933447

10  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1883  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\beta$ 1- and $\alpha$ v-class integrins cooperate to regulate myosin II during rigidity sensing of fibronectin-based microenvironments. <i>Nature Cell Biology</i> , 2013, 15, 625-636.	10.3	386
2	The first World Cell Race. <i>Current Biology</i> , 2012, 22, R673-R675.	3.9	130
3	Directed cytoskeleton self-organization. <i>Trends in Cell Biology</i> , 2012, 22, 671-682.	7.9	111
4	Measurement of cell traction forces with ImageJ. <i>Methods in Cell Biology</i> , 2015, 125, 269-287.	1.1	108
5	Stress fibres are embedded in a contractile cortical network. <i>Nature Materials</i> , 2021, 20, 410-420.	27.5	73
6	Polyacrylamide Hydrogel Micropatterning. <i>Methods in Cell Biology</i> , 2014, 120, 93-116.	1.1	70
7	Reprogramming cell shape with laser nano-patterning. <i>Journal of Cell Science</i> , 2012, 125, 2134-40.	2.0	66
8	The size-speed-force relationship governs migratory cell response to tumorigenic factors. <i>Molecular Biology of the Cell</i> , 2017, 28, 1612-1621.	2.1	28
9	Dissipation of contractile forces: the missing piece in cell mechanics. <i>Molecular Biology of the Cell</i> , 2017, 28, 1825-1832.	2.1	28
10	Association of Adrenal Venous Sampling With Outcomes in Primary Aldosteronism for Unilateral Adenomas. <i>JAMA Surgery</i> , 2021, 156, 165.	4.3	15
11	Comparison of treatment to improve gastrointestinal functions after colorectal surgery within enhanced recovery programmes: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 7423.	3.3	14
12	The biochemical composition of the actomyosin network sets the magnitude of cellular traction forces. <i>Molecular Biology of the Cell</i> , 2021, 32, 1737-1748.	2.1	8
13	Hypertension resolution after adrenalectomy for primary hyperaldosteronism: Which is the best predictive model?. <i>Surgery</i> , 2021, 169, 133-137.	1.9	6
14	Individual learning curve of cytoreductive surgery for peritoneal metastasis from colorectal cancer: A process with an impact on survival. <i>European Journal of Surgical Oncology</i> , 2021, 47, 2031-2037.	1.0	2
15	The first World Cell Race. <i>Current Biology</i> , 2013, 23, 97.	3.9	0
16	Link between postoperative ileus and anastomotic leakage: A structural equation modelling approach. <i>Surgery Open Digestive Advance</i> , 2021, 2, 100009.	0.1	0