

# Veronica Biga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2199375/publications.pdf>

Version: 2024-02-01

9  
papers

307  
citations

1163117  
8  
h-index

1588992  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

383  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Lapse Analysis of Human Embryonic Stem Cells Reveals Multiple Bottlenecks Restricting Colony Formation and Their Relief upon Culture Adaptation. <i>Stem Cell Reports</i> , 2014, 3, 142-155.	4.8	76
2	A PDE variational approach to image denoising and restoration. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 1351-1361.	1.7	55
3	Quantitative single-cell live imaging links HES5 dynamics with cell-state and fate in murine neurogenesis. <i>Nature Communications</i> , 2019, 10, 2835.	12.8	49
4	Stochasticity in the miR-9/Hes1 oscillatory network can account for clonal heterogeneity in the timing of differentiation. <i>ELife</i> , 2016, 5, .	6.0	40
5	Dynamic properties of noise and Her6 levels are optimized by miR-9, allowing the decoding of the Her6 oscillator. <i>EMBO Journal</i> , 2020, 39, e103558.	7.8	26
6	Identification and Single-Cell Functional Characterization of an Endodermally Biased Pluripotent Substate in Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 1895-1907.	4.8	25
7	HES1 protein oscillations are necessary for neural stem cells to exit from quiescence. <i>IScience</i> , 2021, 24, 103198.	4.1	16
8	A dynamic, spatially periodic, micro-pattern of HES5 underlies neurogenesis in the mouse spinal cord. <i>Molecular Systems Biology</i> , 2021, 17, e9902.	7.2	13
9	Human pluripotent stem cells as tools for high-throughput and high-content screening in drug discovery. <i>International Journal of High Throughput Screening</i> , 0, , 1.	0.5	1