

# Nathalie Brandenburg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3165943/publications.pdf>

Version: 2024-02-01

13  
papers

1,329  
citations

840776

11  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Homeostatic mini-intestines through scaffold-guided organoid morphogenesis. <i>Nature</i> , 2020, 585, 574-578.	27.8	408
2	High-throughput automated organoid culture via stem-cell aggregation in microcavity arrays. <i>Nature Biomedical Engineering</i> , 2020, 4, 863-874.	22.5	231
3	Tissue geometry drives deterministic organoid patterning. <i>Science</i> , 2022, 375, eaaw9021.	12.6	186
4	In Situ Patterning of Microfluidic Networks in 3D Cell-laden Hydrogels. <i>Advanced Materials</i> , 2016, 28, 7450-7456.	21.0	145
5	Decoding of position in the developing neural tube from antiparallel morphogen gradients. <i>Science</i> , 2017, 356, 1379-1383.	12.6	144
6	Hydrogel-based milliwell arrays for standardized and scalable retinal organoid cultures. <i>Scientific Reports</i> , 2020, 10, 10275.	3.3	45
7	Ultra-rapid prototyping of flexible, multi-layered microfluidic devices via razor writing. <i>Lab on A Chip</i> , 2015, 15, 72-76.	6.0	42
8	Bioengineered embryoids mimic post-implantation development in vitro. <i>Nature Communications</i> , 2021, 12, 5140.	12.8	35
9	Robust Phase Unwrapping via Deep Image Prior for Quantitative Phase Imaging. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 7025-7037.	9.8	30
10	Investigating receptor-mediated antibody transcytosis using blood-brain barrier organoid arrays. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 43.	5.0	27
11	Pharmacological Induction of a Progenitor State for the Efficient Expansion of Primary Human Hepatocytes. <i>Hepatology</i> , 2019, 69, 2214-2231.	7.3	22
12	Microarrayed human bone marrow organoids for modeling blood stem cell dynamics. <i>APL Bioengineering</i> , 2022, 6, .	6.2	12
13	Diagnostic tools and CFTR functional assays in cystic fibrosis: utility and availability in Switzerland. <i>Swiss Medical Weekly</i> , 2021, 151, w20496.	1.6	0