

# Alexander U Ernst

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/579031/publications.pdf>

Version: 2024-02-01

9  
papers

367  
citations

1039406  
9  
h-index

1473754  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Safe, Fibrosisâ€Mitigating, and Scalable Encapsulation Device Supports Longâ€Term Function of Insulinâ€Producing Cells. <i>Small</i> , 2022, 18, e2104899.	5.2	17
2	An inverse-breathing encapsulation system for cell delivery. <i>Science Advances</i> , 2021, 7, .	4.7	33
3	A nanofibrous encapsulation device for safe delivery of insulin-producing cells to treat type 1 diabetes. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	68
4	Hydrogels in Emerging Technologies for Type 1 Diabetes. <i>Chemical Reviews</i> , 2021, 121, 11458-11526.	23.0	68
5	A bioinspired scaffold for rapid oxygenation of cell encapsulation systems. <i>Nature Communications</i> , 2021, 12, 5846.	5.8	30
6	An Atmosphereâ€Breathing Refillable Biphasic Device for Cell Replacement Therapy. <i>Advanced Materials</i> , 2019, 31, e1905135.	11.1	25
7	Nanotechnology in cell replacement therapies for type 1 diabetes. <i>Advanced Drug Delivery Reviews</i> , 2019, 139, 116-138.	6.6	56
8	Interconnected Toroidal Hydrogels for Islet Encapsulation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900423.	3.9	32
9	Islet encapsulation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6705-6722.	2.9	38