

Alexander U Ernst

List of Publications by Year in descending order

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9
papers

367
citations

1039406

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1473754

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9
times ranked

344
citing authors

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