

# Karl Tryggvason

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

316  
citations

933447

10  
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996975

15  
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15  
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15  
docs citations

15  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of Human Embryonic Stem Cells to Endothelial Progenitor Cells on Laminins in Defined and Xeno-free Systems. <i>Stem Cell Reports</i> , 2016, 7, 802-816.	4.8	47
2	Laminin $\beta$ 4 Deficient Mice Exhibit Decreased Capacity for Adipose Tissue Expansion and Weight Gain. <i>PLoS ONE</i> , 2014, 9, e109854.	2.5	42
3	Human embryonic stem cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 2-12.	2.8	38
4	In Vivo Generation of Post-infarct Human Cardiac Muscle by Laminin-Promoted Cardiovascular Progenitors. <i>Cell Reports</i> , 2019, 26, 3231-3245.e9.	6.4	36
5	Laminin-521 Protein Therapy for Glomerular Basement Membrane and Podocyte Abnormalities in a Model of Pierson Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1426-1436.	6.1	30
6	Culturing functional pancreatic islets on $\beta$ 5-laminins and curative transplantation to diabetic mice. <i>Matrix Biology</i> , 2018, 70, 5-19.	3.6	23
7	Biologically relevant laminin as chemically defined and fully human platform for human epidermal keratinocyte culture. <i>Nature Communications</i> , 2018, 9, 4432.	12.8	22
8	Wnt/ $\beta$ 2-Catenin Stimulation and Laminins Support Cardiovascular Cell Progenitor Expansion from Human Fetal Cardiac Mesenchymal Stromal Cells. <i>Stem Cell Reports</i> , 2016, 6, 607-617.	4.8	20
9	A novel podocyte gene, semaphorin 3G, protects glomerular podocyte from lipopolysaccharide-induced inflammation. <i>Scientific Reports</i> , 2016, 6, 25955.	3.3	18
10	Concise Review: Animal Substance-Free Human Embryonic Stem Cells Aiming at Clinical Applications. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1269-1274.	3.3	15
11	Chemically defined and xenogeneic-free culture method for human epidermal keratinocytes on laminin-based matrices. <i>Nature Protocols</i> , 2020, 15, 694-711.	12.0	10
12	Knockdown of Tmem234 in zebrafish results in proteinuria. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F955-F966.	2.7	5
13	Evaluating Capture Sequence Performance for Single-Cell CRISPR Activation Experiments. <i>ACS Synthetic Biology</i> , 2021, 10, 640-645.	3.8	3
14	Complex genetics of Alport and Goodpasture syndromes. <i>Nature Reviews Nephrology</i> , 2021, 17, 635-636.	9.6	2