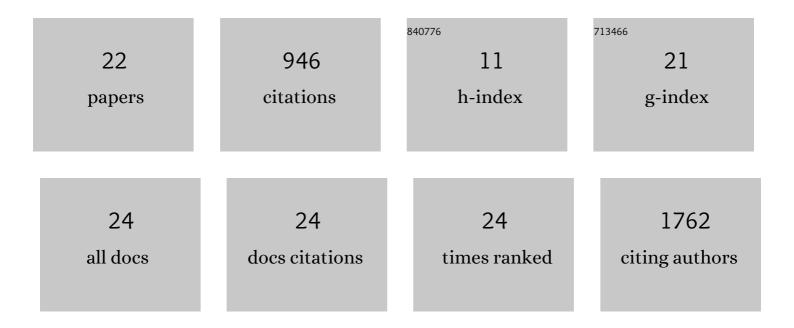
Gregory H Underhill

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High throughput interrogation of human liver stellate cells reveals microenvironmental regulation of phenotype. Acta Biomaterialia, 2022, 138, 240-253.	8.3	14
2	Simulated confluence on micropatterned substrates correlates responses regulating cellular differentiation. Biotechnology and Bioengineering, 2022, 119, 1641-1659.	3.3	5
3	Microtissue Geometry and Cellâ€Generated Forces Drive Patterning of Liver Progenitor Cell Differentiation in 3D. Advanced Healthcare Materials, 2021, 10, e2100223.	7.6	11
4	Elucidating Extracellular Matrix and Stiffness Control of Primary Human Hepatocyte Phenotype via Cell Microarrays. Advanced Materials Interfaces, 2021, 8, 2101284.	3.7	8
5	Integration of Hydrogel Microparticles With Three-Dimensional Liver Progenitor Cell Spheroids. Frontiers in Bioengineering and Biotechnology, 2020, 8, 792.	4.1	13
6	Emerging trends in modeling human liver disease <i>in vitro</i> . APL Bioengineering, 2019, 3, 040902.	6.2	18
7	High Throughput Traction Force Microscopy for Multicellular Islands on Combinatorial Microarrays. Bio-protocol, 2019, 9, .	0.4	4
8	Bioengineered Liver Models for Drug Testing and Cell Differentiation Studies. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 426-439.e1.	4.5	131
9	Click Chemistry-Based DNA Labeling of Cells for Barcoding Applications. Bioconjugate Chemistry, 2018, 29, 2846-2854.	3.6	12
10	Cellular fate decisions in the developing female anteroventral periventricular nucleus are regulated by canonical Notch signaling. Developmental Biology, 2018, 442, 87-100.	2.0	3
11	Targeted Gene Knock Out Using Nuclease-Assisted Vector Integration: Hemi- and Homozygous Deletion of JAG1. Methods in Molecular Biology, 2018, 1772, 233-248.	0.9	4
12	Advances in Engineered Human Liver Platforms for Drug Metabolism Studies. Drug Metabolism and Disposition, 2018, 46, 1626-1637.	3.3	42
13	Spatial patterning of liver progenitor cell differentiation mediated by cellular contractility and Notch signaling. ELife, 2018, 7, .	6.0	36
14	Substrate stiffness and VE-cadherin mechano-transduction coordinate to regulate endothelial monolayer integrity. Biomaterials, 2017, 140, 45-57.	11.4	71
15	A High-throughput Cell Microarray Platform for Correlative Analysis of Cell Differentiation and Traction Forces. Journal of Visualized Experiments, 2017, , .	0.3	19
16	Hydrogels for Hepatic Tissue Engineering. , 2016, , 427-462.		0
17	Combinatorial microenvironmental regulation of liver progenitor differentiation by Notch ligands, TGFβ and extracellular matrix. Scientific Reports, 2016, 6, 23490.	3.3	38
18	Substrate stiffness and matrix composition coordinately control the differentiation of liver progenitor cells. Biomaterials, 2016, 99, 82-94.	11.4	86

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#	Article	IF	CITATIONS
19	Mapping lung tumor cell drug responses as a function of matrix context and genotype using cell microarrays. Integrative Biology (United Kingdom), 2016, 8, 1221-1231.	1.3	10
20	Cell and tissue engineering for liver disease. Science Translational Medicine, 2014, 6, 245sr2.	12.4	247
21	Stem cell bioengineering at the interface of systemsâ€based models and highâ€throughput platforms. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2012, 4, 525-545.	6.6	2
22	A combinatorial extracellular matrix platform identifies cell-extracellular matrix interactions that correlate with metastasis. Nature Communications, 2012, 3, 1122.	12.8	171