Tyler T Cooper

List of Publications by Year
in descending order

13	221	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Aldehyde Dehydrogenase Activity Identifies a Subset of Human Mesenchymal Stromal Cells with Vascular Regenerative Potential. Stem Cells, 2017, 35, 1542-1553.	3.2	52
2	Mechanically resilient injectable scaffolds for intramuscular stem cell delivery and cytokine release. Biomaterials, 2018, 159, 146-160.	11.4	42
3	Analytical Considerations in Nanoscale Flow Cytometry of Extracellular Vesicles to Achieve Data Linearity. Thrombosis and Haemostasis, 2018, 118, 1612-1624.	3.4	34
4	Characterization of extracellular vesicles derived from mesenchymal stromal cells by surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2021, 413, 5013-5024.	3.7	17
5	Expansion of Umbilical Cord Blood Aldehyde Dehydrogenase Expressing Cells Generates Myeloid Progenitor Cells that Stimulate Limb Revascularization. Stem Cells Translational Medicine, 2017, 6, 1607-1619.	3.3	15
6	Inhibition of Aldehyde Dehydrogenase-Activity Expands Multipotent Myeloid Progenitor Cells with Vascular Regenerative Function. Stem Cells, 2018, 36, 723-736.	3.2	14
7	Characterization of ovarian cancer-derived extracellular vesicles by surface-enhanced Raman spectroscopy. Analyst, The, 2021, 146, 7194-7206.	3.5	13
8	Decellularized adipose tissue scaffolds guide hematopoietic differentiation and stimulate vascular regeneration in a hindlimb ischemia model. Biomaterials, 2021, 274, 120867.	11.4	12
9	Expanded Hematopoietic Progenitor Cells Reselected for High Aldehyde Dehydrogenase Activity Demonstrate Islet Regenerative Functions. Stem Cells, 2016, 34, 873-887.	3.2	9
10	Ultrafiltration and Injection of Islet Regenerative Stimuli Secreted by Pancreatic Mesenchymal Stromal Cells. Stem Cells and Development, 2021, 30, 247-264.	2.1	7
11	The IsletCore Program: Improving the Supply of Human Islets to Satisfy the Demand for Research See article in Endocrinology 2016;157:560â€“569. Endocrinology, 2016, 157, 997-1002.	2.8	2
12	Vascular Organoids: Are We Entering a New Area of Cardiometabolic Research?. Cell Metabolism, 2019, 29, 792-794.	16.2	2
13	Purification and Functional Characterization of CD34-Expressing Cell Subsets Following Ex Vivo Expansion of Umbilical Cord Blood-Derived Endothelial Colony-Forming Cells. Stem Cells and Development, 2020, 29, 895-910.	2.1	1