Yu-Chieh Chiu

List of Publications by Year
in descending order

19	1,223	18	19
papers	citations	h-index	g-index
		430874	794594

19	19	19	2137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-dose controlled release of mTOR inhibitors maintains T cell plasticity and promotes central memory T cells. Journal of Controlled Release, 2017, 263, 151-161.	9.9	28
2	<i>In Vivo</i> Expansion of Melanoma-Specific T Cells Using Microneedle Arrays Coated with Immune-Polyelectrolyte Multilayers. ACS Biomaterials Science and Engineering, 2017, 3, 195-205.	5.2	77
3	Assembly and Immunological Processing of Polyelectrolyte Multilayers Composed of Antigens and Adjuvants. ACS Applied Materials & Interfaces, 2016, 8, 18722-18731.	8.0	38
4	Sustained delivery of recombinant human bone morphogenetic protein-2 from perlecan domain I - functionalized electrospun poly (Îµ-caprolactone) scaffolds for bone regeneration. Journal of Experimental Orthopaedics, 2016, 3, 25.	1.8	15
5	Design of Polyelectrolyte Multilayers to Promote Immunological Tolerance. ACS Nano, 2016, 10, 9334-9345.	14.6	68
6	Reprogramming the Local Lymph Node Microenvironment Promotes Tolerance that Is Systemic and Antigen Specific. Cell Reports, 2016, 16, 2940-2952.	6.4	127
7	Polyelectrolyte Multilayers Assembled Entirely from Immune Signals on Gold Nanoparticle Templates Promote Antigen-Specific T Cell Response. ACS Nano, 2015, 9, 6465-6477.	14.6	134
8	Controlled delivery of a metabolic modulator promotes regulatory T cells and restrains autoimmunity. Journal of Controlled Release, 2015, 210, 169-178.	9.9	42
9	Modular Vaccine Design Using Carrier-Free Capsules Assembled from Polyionic Immune Signals. ACS Biomaterials Science and Engineering, 2015, 1, 1200-1205.	5.2	57
10	The Effect of Glutathione as Chain Transfer Agent in PNIPAAm-Based Thermo-responsive Hydrogels for Controlled Release of Proteins. Pharmaceutical Research, 2014, 31, 742-753.	3.5	38
11	Evaluation of Physical and Mechanical Properties of Porous Poly (Ethylene Glycol)-co-(L-Lactic Acid) Hydrogels during Degradation. PLoS ONE, 2013, 8, e60728.	2.5	53
12	A Study of the Intrinsic Autofluorescence of Poly (ethylene glycol)-co-(L -Lactic acid) Diacrylate. Journal of Fluorescence, 2012, 22, 907-913.	2.5	22
13	An Agent-Based Model for the Investigation of Neovascularization Within Porous Scaffolds. Tissue Engineering - Part A, 2011, 17, 2133-2141.	3.1	101
14	Materials for engineering vascularized adipose tissue. Journal of Tissue Viability, 2011, 20, 37-48.	2.0	32
15	The role of pore size on vascularization and tissue remodeling in PEG hydrogels. Biomaterials, 2011, 32, 6045-6051.	11.4	229
16	Generation of Porous Poly(Ethylene Glycol) Hydrogels by Salt Leaching. Tissue Engineering - Part C: Methods, 2010, 16, 905-912.	2.1	82
17	X-Ray Imaging of Poly(Ethylene Glycol) Hydrogels Without Contrast Agents. Tissue Engineering - Part C: Methods, 2010, 16, 1597-1600.	2.1	18
18	Formation of Microchannels in Poly(ethylene glycol) Hydrogels by Selective Degradation of Patterned Microstructures. Chemistry of Materials, 2009, 21, 1677-1682.	6.7	27

#	Article	IF	Citations
19	Three-Dimensional Patterning of Poly(Ethylene Glycol) Hydrogels Through Surface-Initiated Photopolymerization. Tissue Engineering - Part C: Methods, 2008, 14, 129-140.	2.1	35