

Timothy J Maguire

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1806946/publications.pdf>

Version: 2024-02-01

14
papers

496
citations

1170033

9
h-index

1255698

13
g-index

14
all docs

14
docs citations

14
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning robotic guidance for autonomous vascular access. <i>Nature Machine Intelligence</i> , 2020, 2, 104-115.	8.3	84
2	Tri-culture system for pro-hapten sensitizer identification and potency classification. <i>Technology</i> , 2018, 06, 67-74.	1.4	4
3	CFD assessment of the effect of convective mass transport on the intracellular clearance of intracellular triglycerides in macrosteatotic hepatocytes. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1095-1102.	1.4	7
4	Design and Evaluation of a Robotic Device for Automated Tail Vein Cannulations in Rodent Models. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2017, 11, 0410081-410087.	0.4	3
5	Stromal Cell-Derived Growth Factor-1 Alpha-Elastin Like Peptide Fusion Protein Promotes Cell Migration and Revascularization of Experimental Wounds in Diabetic Mice. <i>Advances in Wound Care</i> , 2017, 6, 10-22.	2.6	19
6	Metabolic Flux Distribution during Defatting of Steatotic Human Hepatoma (HepG2) Cells. <i>Metabolites</i> , 2016, 6, 1.	1.3	42
7	The System Design and Evaluation of a 7-DOF Image-Guided Venipuncture Robot. <i>IEEE Transactions on Robotics</i> , 2015, 31, 1044-1053.	7.3	36
8	Combined computational fluid dynamic and metabolic model of liver defatting under flow. , 2014, , .		0
9	Elevated sensitivity of macrosteatotic hepatocytes to hypoxia/reoxygenation stress is reversed by a novel defatting protocol. <i>Liver Transplantation</i> , 2014, 20, 1000-1011.	1.3	45
10	Predicting full thickness skin sensitization using a support vector machine. <i>Toxicology in Vitro</i> , 2014, 28, 1413-1423.	1.1	9
11	Rat hepatocyte culture model of macrosteatosis: Effect of macrosteatosis induction and reversal on viability and liver-specific function. <i>Journal of Hepatology</i> , 2013, 59, 1307-1314.	1.8	17
12	Microdevice integrating innate and adaptive immune responses associated with antigen presentation by dendritic cells. <i>RSC Advances</i> , 2013, 3, 16002.	1.7	21
13	Control of hepatic differentiation via cellular aggregation in an alginate microenvironment. <i>Biotechnology and Bioengineering</i> , 2007, 98, 631-644.	1.7	66
14	Alginate-PLL microencapsulation: Effect on the differentiation of embryonic stem cells into hepatocytes. <i>Biotechnology and Bioengineering</i> , 2006, 93, 581-591.	1.7	143