

# Teck Chuan Lim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4340987/publications.pdf>

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papers

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docs citations

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1871  
citing authors

#	ARTICLE	IF	CITATIONS
1	A microfluidic 3D hepatocyte chip for drug toxicity testing. Lab on A Chip, 2009, 9, 2026.	6.0	378
2	Modulation of mesenchymal stem cell chondrogenesis in a tunable hyaluronic acid hydrogel microenvironment. Biomaterials, 2012, 33, 3835-3845.	11.4	261
3	The effect of injectable gelatin-hydroxyphenylpropionic acid hydrogel matrices on the proliferation, migration, differentiation and oxidative stress resistance of adult neural stem cells. Biomaterials, 2012, 33, 3446-3455.	11.4	96
4	Chemotactic recruitment of adult neural progenitor cells into multifunctional hydrogels providing sustained SDF-1 $\alpha$ release and compatible structural support. FASEB Journal, 2013, 27, 1023-1033.	0.5	58
5	Tunable Blinking Kinetics of Cy5 for Precise DNA Quantification and Single-Nucleotide Difference Detection. Biophysical Journal, 2008, 95, 729-737.	0.5	29
6	Biomaterials for Enhancing CNS Repair. Translational Stroke Research, 2017, 8, 57-64.	4.2	29
7	Hydrogel-Based Therapy for Brain Repair After Intracerebral Hemorrhage. Translational Stroke Research, 2020, 11, 412-417.	4.2	26
8	A microfluidic-FCS platform for investigation on the dissociation of Sp1-DNA complex by doxorubicin. Nucleic Acids Research, 2006, 34, e144-e144.	14.5	22
9	Facile saccharide-free mimetics that recapitulate key features of glycosaminoglycan sulfation patterns. Chemical Science, 2018, 9, 7940-7947.	7.4	10
10	Directing GDNF-mediated neuronal signaling with proactively programmable cell-surface saccharide-free glycosaminoglycan mimetics. Chemical Communications, 2019, 55, 1259-1262.	4.1	0