

# Chin-Yu Lin

## List of Publications by Year in descending order

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22  
papers

886  
citations

567281

15  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Runx1 Messenger RNA Delivered by Polyplex Nanomicelles Alleviate Spinal Disc Hydration Loss in a Rat Disc Degeneration Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 565.	4.1	12
2	Cre/LoxP Genetic Recombination Sustains Cartilage Anabolic Factor Expression in Hyaluronan Encapsulated MSCs Alleviates Intervertebral Disc Degeneration. <i>Biomedicines</i> , 2022, 10, 555.	3.2	3
3	Dictamnine delivered by PLGA nanocarriers ameliorated inflammation in an oxazolone-induced dermatitis mouse model. <i>Journal of Controlled Release</i> , 2021, 329, 731-742.	9.9	22
4	Pain-Administrable Neuron Electrode with Wireless Energy Transmission: Architecture Design and Prototyping. <i>Micromachines</i> , 2021, 12, 356.	2.9	1
5	Polyplex nanomicelle delivery of self-amplifying RNA vaccine. <i>Journal of Controlled Release</i> , 2021, 338, 694-704.	9.9	7
6	Selective Synthesis and Photoluminescence Study of Pyrazolopyridopyridazine Diones and N-Aminopyrazolopyrrolopyridine Diones. <i>Molecules</i> , 2020, 25, 2409.	3.8	3
7	Bio-Compatibility and Bio-Insulation of Implantable Electrode Prosthesis Ameliorated by A-174 Silane Primed Parylene-C Deposited Embedment. <i>Micromachines</i> , 2020, 11, 1064.	2.9	6
8	CRISPRai for simultaneous gene activation and inhibition to promote stem cell chondrogenesis and calvarial bone regeneration. <i>Nucleic Acids Research</i> , 2019, 47, e74-e74.	14.5	48
9	Treatment of Intervertebral Disk Disease by the Administration of mRNA Encoding a Cartilage-Anabolic Transcription Factor. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 162-171.	5.1	27
10	Preparation of Messenger RNA Nanomicelles via Non-Cytotoxic PEG-Polyamine Nanocomplex for Intracerebroventricular Delivery: A Proof-of-Concept Study in Mouse Models. <i>Nanomaterials</i> , 2019, 9, 67.	4.1	21
11	Messenger RNA-based therapeutics for brain diseases: An animal study for augmenting clearance of beta-amyloid by intracerebral administration of neprilysin mRNA loaded in polyplex nanomicelles. <i>Journal of Controlled Release</i> , 2016, 235, 268-275.	9.9	82
12	Healing of massive segmental femoral bone defects in minipigs by allogenic ASCs engineered with FLPo/Frt-based baculovirus vectors. <i>Biomaterials</i> , 2015, 50, 98-106.	11.4	37
13	Preclinical Safety Evaluation of ASCs Engineered by FLPo/Frt-Based Hybrid Baculovirus: <i>In Vitro</i> and Large Animal Studies. <i>Tissue Engineering - Part A</i> , 2015, 21, 1471-1482.	3.1	8
14	Long-Term Tracking of Segmental Bone Healing Mediated by Genetically Engineered Adipose-Derived Stem Cells: Focuses on Bone Remodeling and Potential Side Effects. <i>Tissue Engineering - Part A</i> , 2014, 20, 1392-1402.	3.1	20
15	Efficient gene delivery into cell lines and stem cells using baculovirus. <i>Nature Protocols</i> , 2014, 9, 1882-1899.	12.0	76
16	The use of ASCs engineered to express BMP2 or TGF- $\beta$ 23 within scaffold constructs to promote calvarial bone repair. <i>Biomaterials</i> , 2013, 34, 9401-9412.	11.4	85
17	Immune responses during healing of massive segmental femoral bone defects mediated by hybrid baculovirus-engineered ASCs. <i>Biomaterials</i> , 2012, 33, 7422-7434.	11.4	33
18	Augmented healing of critical-size calvarial defects by baculovirus-engineered MSCs that persistently express growth factors. <i>Biomaterials</i> , 2012, 33, 3682-3692.	11.4	80

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19	Baculovirus as a gene delivery vector: Recent understandings of molecular alterations in transduced cells and latest applications. <i>Biotechnology Advances</i> , 2011, 29, 618-631.	11.7	127
20	The role of adipose-derived stem cells engineered with the persistently expressing hybrid baculovirus in the healing of massive bone defects. <i>Biomaterials</i> , 2011, 32, 6505-6514.	11.4	61
21	Baculovirus as a Gene Delivery Vector for Cartilage and Bone Tissue Engineering. <i>Current Gene Therapy</i> , 2010, 10, 242-254.	2.0	43
22	The healing of critical-sized femoral segmental bone defects in rabbits using baculovirus-engineered mesenchymal stem cells. <i>Biomaterials</i> , 2010, 31, 3222-3230.	11.4	84