Chin-Yu Lin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8284478/publications.pdf

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22	886	567281 15	677142 22
papers	citations	h-index	g-index

22	22	22	1044
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Baculovirus as a gene delivery vector: Recent understandings of molecular alterations in transduced cells and latest applications. Biotechnology Advances, 2011, 29, 618-631.	11.7	127
2	The use of ASCs engineered to express BMP2 or TGF-Î²3 within scaffold constructs to promote calvarial bone repair. Biomaterials, 2013, 34, 9401-9412.	11.4	85
3	The healing of critical-sized femoral segmental bone defects in rabbits using baculovirus-engineered mesenchymal stem cells. Biomaterials, 2010, 31, 3222-3230.	11.4	84
4	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. Journal of Controlled Release, 2016, 235, 268-275.	9.9	82
5	Augmented healing of critical-size calvarial defects by baculovirus-engineered MSCs that persistently express growth factors. Biomaterials, 2012, 33, 3682-3692.	11.4	80
6	Efficient gene delivery into cell lines and stem cells using baculovirus. Nature Protocols, 2014, 9, 1882-1899.	12.0	76
7	The role of adipose-derived stem cells engineered with the persistently expressing hybrid baculovirus in the healing of massive bone defects. Biomaterials, 2011, 32, 6505-6514.	11.4	61
8	CRISPRai for simultaneous gene activation and inhibition to promote stem cell chondrogenesis and calvarial bone regeneration. Nucleic Acids Research, 2019, 47, e74-e74.	14.5	48
9	Baculovirus as a Gene Delivery Vector for Cartilage and Bone Tissue Engineering. Current Gene Therapy, 2010, 10, 242-254.	2.0	43
10	Healing of massive segmental femoral bone defects in minipigs by allogenic ASCs engineered with FLPo/Frt-based baculovirus vectors. Biomaterials, 2015, 50, 98-106.	11.4	37
11	Immune responses during healing of massive segmental femoral bone defects mediated by hybrid baculovirus-engineered ASCs. Biomaterials, 2012, 33, 7422-7434.	11.4	33
12	Treatment of Intervertebral Disk Disease by the Administration of mRNA Encoding a Cartilage-Anabolic Transcription Factor. Molecular Therapy - Nucleic Acids, 2019, 16, 162-171.	5.1	27
13	Dictamnine delivered by PLGA nanocarriers ameliorated inflammation in an oxazolone-induced dermatitis mouse model. Journal of Controlled Release, 2021, 329, 731-742.	9.9	22
14	Preparation of Messenger RNA Nanomicelles via Non-Cytotoxic PEG-Polyamine Nanocomplex for Intracerebroventicular Delivery: A Proof-of-Concept Study in Mouse Models. Nanomaterials, 2019, 9, 67.	4.1	21
15	Long-Term Tracking of Segmental Bone Healing Mediated by Genetically Engineered Adipose-Derived Stem Cells: Focuses on Bone Remodeling and Potential Side Effects. Tissue Engineering - Part A, 2014, 20, 1392-1402.	3.1	20
16	Runx1 Messenger RNA Delivered by Polyplex Nanomicelles Alleviate Spinal Disc Hydration Loss in a Rat Disc Degeneration Model. International Journal of Molecular Sciences, 2022, 23, 565.	4.1	12
17	Preclinical Safety Evaluation of ASCs Engineered by FLPo/Frt-Based Hybrid Baculovirus:In Vitroand Large Animal Studies. Tissue Engineering - Part A, 2015, 21, 1471-1482.	3.1	8
18	Polyplex nanomicelle delivery of self-amplifying RNA vaccine. Journal of Controlled Release, 2021, 338, 694-704.	9.9	7

#	Article	IF	Citations
19	Bio-Compatibility and Bio-Insulation of Implantable Electrode Prosthesis Ameliorated by A-174 Silane Primed Parylene-C Deposited Embedment. Micromachines, 2020, 11, 1064.	2.9	6
20	Selective Synthesis and Photoluminescence Study of Pyrazolopyridopyridazine Diones and N-Aminopyrazolopyrrolopyridine Diones. Molecules, 2020, 25, 2409.	3.8	3
21	Cre/LoxP Genetic Recombination Sustains Cartilage Anabolic Factor Expression in Hyaluronan Encapsulated MSCs Alleviates Intervertebral Disc Degeneration. Biomedicines, 2022, 10, 555.	3.2	3
22	Pain-Administrable Neuron Electrode with Wireless Energy Transmission: Architecture Design and Prototyping. Micromachines, 2021, 12, 356.	2.9	1