

Joel Z Nordin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,924
citations

430442

18
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

6149
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered extracellular vesicle decoy receptor-mediated modulation of the IL6 trans-signalling pathway in muscle. <i>Biomaterials</i> , 2021, 266, 120435.	5.7	26
2	Profiling of Extracellular Small RNAs Highlights a Strong Bias towards Non-Vesicular Secretion. <i>Cells</i> , 2021, 10, 1543.	1.8	11
3	Efficient Peptide-Mediated In Vitro Delivery of Cas9 RNP. <i>Pharmaceutics</i> , 2021, 13, 878.	2.0	24
4	Extracellular vesicles are the primary source of blood-borne tumour-derived mutant <i>KRAS</i> DNA early in pancreatic cancer. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12142.	5.5	21
5	Amelioration of systemic inflammation via the display of two different decoy protein receptors on extracellular vesicles. <i>Nature Biomedical Engineering</i> , 2021, 5, 1084-1098.	11.6	41
6	Fine Tuning of Phosphorothioate Inclusion in 2'-O-Methyl Oligonucleotides Contributes to Specific Cell Targeting for Splice-Switching Modulation. <i>Frontiers in Physiology</i> , 2021, 12, 689179.	1.3	0
7	Lipidomic Analyses Reveal Specific Alterations of Phosphatidylcholine in Dystrophic Mdx Muscle. <i>Frontiers in Physiology</i> , 2021, 12, 698166.	1.3	5
8	Quantification of extracellular vesicles <i>in vitro</i> and <i>in vivo</i> using sensitive bioluminescence imaging. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1800222.	5.5	114
9	Extracellular vesicles as drug delivery systems: Why and how?. <i>Advanced Drug Delivery Reviews</i> , 2020, 159, 332-343.	6.6	606
10	Characterizing Exon Skipping Efficiency in DMD Patient Samples in Clinical Trials of Antisense Oligonucleotides. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	0
11	Autoimmune response and its long-term consequences after exon-skipping therapy in a Duchenne muscular dystrophy mouse model. <i>Journal of Pathology</i> , 2019, 249, 271-273.	2.1	2
12	Supramolecular Assembly of Aminoethylene-Lipopeptide PMO Conjugates into RNA Splice-Switching Nanomicelles. <i>Advanced Functional Materials</i> , 2019, 29, 1906432.	7.8	14
13	Systematic characterization of extracellular vesicle sorting domains and quantification at the single molecule "single vesicle level by fluorescence correlation spectroscopy and single particle imaging. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1663043.	5.5	96
14	Tangential Flow Filtration with or Without Subsequent Bind-Elute Size Exclusion Chromatography for Purification of Extracellular Vesicles. <i>Methods in Molecular Biology</i> , 2019, 1953, 287-299.	0.4	14
15	Systematic Methodological Evaluation of a Multiplex Bead-Based Flow Cytometry Assay for Detection of Extracellular Vesicle Surface Signatures. <i>Frontiers in Immunology</i> , 2018, 9, 1326.	2.2	168
16	Heterogeneity and interplay of the extracellular vesicle small RNA transcriptome and proteome. <i>Scientific Reports</i> , 2018, 8, 10813.	1.6	118
17	Preparation and Isolation of siRNA-Loaded Extracellular Vesicles. <i>Methods in Molecular Biology</i> , 2017, 1545, 197-204.	0.4	6
18	Reproducible and scalable purification of extracellular vesicles using combined bind-elute and size exclusion chromatography. <i>Scientific Reports</i> , 2017, 7, 11561.	1.6	168

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19	Lipid-based Transfection Reagents Exhibit Cryo-induced Increase in Transfection Efficiency. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e290.	2.3	17
20	Exosome-like vesicles released from lipid-induced insulin-resistant muscles modulate gene expression and proliferation of beta recipient cells in mice. <i>Diabetologia</i> , 2016, 59, 1049-1058.	2.9	144
21	Extracellular vesicle in vivo biodistribution is determined by cell source, route of administration and targeting. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26316.	5.5	1,077
22	Self-Assembly into Nanoparticles Is Essential for Receptor Mediated Uptake of Therapeutic Antisense Oligonucleotides. <i>Nano Letters</i> , 2015, 15, 4364-4373.	4.5	80
23	Ultrafiltration with size-exclusion liquid chromatography for high yield isolation of extracellular vesicles preserving intact biophysical and functional properties. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 879-883.	1.7	487
24	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1199-1213.	1.6	131
25	Serum-free culture alters the quantity and protein composition of neuroblastoma-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26883.	5.5	131
26	Correlating In Vitro Splice Switching Activity With Systemic In Vivo Delivery Using Novel ZEN-modified Oligonucleotides. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e212.	2.3	8
27	Micro-minicircle Gene Therapy: Implications of Size on Fermentation, Complexation, Shearing Resistance, and Expression. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e140.	2.3	28
28	Systemic exosomal siRNA delivery reduced alpha-synuclein aggregates in brains of transgenic mice. <i>Movement Disorders</i> , 2014, 29, 1476-1485.	2.2	384