Joel Z Nordin

List of Publications by Year
in descending order

28	3,924	430442	552369
papers	citations	18 h-index	26 g-index

30	30	30	6149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extracellular vesicle in vivo biodistribution is determined by cell source, route of administration and targeting. Journal of Extracellular Vesicles, 2015, 4, 26316.	5.5	1,077
2	Extracellular vesicles as drug delivery systems: Why and how?. Advanced Drug Delivery Reviews, 2020, 159, 332-343.	6.6	606
3	Ultrafiltration with size-exclusion liquid chromatography for high yield isolation of extracellular vesicles preserving intact biophysical and functional properties. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 879-883.	1.7	487
4	Systemic exosomal siRNA delivery reduced alpha-synuclein aggregates in brains of transgenic mice. Movement Disorders, 2014, 29, 1476-1485.	2.2	384
5	Reproducible and scalable purification of extracellular vesicles using combined bind-elute and size exclusion chromatography. Scientific Reports, 2017, 7, 11561.	1.6	168
6	Systematic Methodological Evaluation of a Multiplex Bead-Based Flow Cytometry Assay for Detection of Extracellular Vesicle Surface Signatures. Frontiers in Immunology, 2018, 9, 1326.	2.2	168
7	Exosome-like vesicles released from lipid-induced insulin-resistant muscles modulate gene expression and proliferation of beta recipient cells in mice. Diabetologia, 2016, 59, 1049-1058.	2.9	144
8	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. Stem Cells Translational Medicine, 2015, 4, 1199-1213.	1.6	131
9	Serumâ€free culture alters the quantity and protein composition of neuroblastomaâ€derived extracellular vesicles. Journal of Extracellular Vesicles, 2015, 4, 26883.	5.5	131
10	Heterogeneity and interplay of the extracellular vesicle small RNA transcriptome and proteome. Scientific Reports, 2018, 8, 10813.	1.6	118
11	Quantification of extracellular vesicles in vitro and in vivo using sensitive bioluminescence imaging. Journal of Extracellular Vesicles, 2020, 9, 1800222.	5.5	114
12	Systematic characterization of extracellular vesicle sorting domains and quantification at the single molecule â€“ single vesicle level by fluorescence correlation spectroscopy and single particle imaging. Journal of Extracellular Vesicles, 2019, 8, 1663043.	5.5	96
13	Self-Assembly into Nanoparticles Is Essential for Receptor Mediated Uptake of Therapeutic Antisense Oligonucleotides. Nano Letters, 2015, 15, 4364-4373.	4.5	80
14	Amelioration of systemic inflammation via the display of two different decoy protein receptors on extracellular vesicles. Nature Biomedical Engineering, 2021, 5, 1084-1098.	11.6	41
15	Micro-minicircle Gene Therapy: Implications of Size on Fermentation, Complexation, Shearing Resistance, and Expression. Molecular Therapy - Nucleic Acids, 2014, 3, e140.	2.3	28
16	Engineered extracellular vesicle decoy receptor-mediated modulation of the IL6 trans-signalling pathway in muscle. Biomaterials, 2021, 266, 120435.	5.7	26
17	Efficient Peptide-Mediated In Vitro Delivery of Cas9 RNP. Pharmaceutics, 2021, 13, 878.	2.0	24
18	Extracellular vesicles are the primary source of bloodâ€borne tumourâ€derived mutant KRAS DNA early in pancreatic cancer. Journal of Extracellular Vesicles, 2021, 10, e12142.	5.5	21

#	Article	IF	Citations
19	Lipid-based Transfection Reagents Exhibit Cryo-induced Increase in Transfection Efficiency. Molecular Therapy - Nucleic Acids, 2016, 5, e290.	2.3	17
20	Supramolecular Assembly of Aminoethyleneâ€Lipopeptide PMO Conjugates into RNA Spliceâ€Switching Nanomicelles. Advanced Functional Materials, 2019, 29, 1906432.	7.8	14
21	Tangential Flow Filtration with or Without Subsequent Bind-Elute Size Exclusion Chromatography for Purification of Extracellular Vesicles. Methods in Molecular Biology, 2019, 1953, 287-299.	0.4	14
22	Profiling of Extracellular Small RNAs Highlights a Strong Bias towards Non-Vesicular Secretion. Cells, 2021, 10, 1543.	1.8	11
23	Correlating In Vitro Splice Switching Activity With Systemic In Vivo Delivery Using Novel ZEN-modified Oligonucleotides. Molecular Therapy - Nucleic Acids, 2014, 3, e212.	2.3	8
24	Preparation and Isolation of siRNA-Loaded Extracellular Vesicles. Methods in Molecular Biology, 2017, 1545, 197-204.	0.4	6
25	Lipidomic Analyses Reveal Specific Alterations of Phosphatidylcholine in Dystrophic Mdx Muscle. Frontiers in Physiology, 2021, 12, 698166.	1.3	5
26	Autoimmune response and its longâ€term consequences after exonâ€skipping therapy in a Duchenne muscular dystrophy mouse model. Journal of Pathology, 2019, 249, 271-273.	2.1	2
27	Fine Tuning of Phosphorothioate Inclusion in 2â€²-O-Methyl Oligonucleotides Contributes to Specific Cell Targeting for Splice-Switching Modulation. Frontiers in Physiology, 2021, 12, 689179.	1.3	0
28	Characterizing Exon Skipping Efficiency in DMD Patient Samples in Clinical Trials of Antisense Oligonucleotides. Journal of Visualized Experiments, 2020, , .	0.2	0