

# David A Dean

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

797  
citations

623734

14  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoplasmic transport and nuclear import of plasmid DNA. <i>Bioscience Reports</i> , 2017, 37, .	2.4	122
2	Electroporation-Mediated Gene Delivery. <i>Advances in Genetics</i> , 2015, 89, 49-88.	1.8	117
3	Electroporation-mediated Gene Transfer of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase Rescues Endotoxin-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 582-590.	5.6	72
4	Gene Transfer of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase $\alpha$ 1 Subunit Using Electroporation Increases Lung Liquid Clearance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 204-211.	5.6	70
5	Nonviral gene transfer to skeletal, smooth, and cardiac muscle in living animals. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C233-C245.	4.6	61
6	Electroporation of the Vasculature and the Lung. <i>DNA and Cell Biology</i> , 2003, 22, 797-806.	1.9	41
7	Cell-Specific Targeting Strategies for Electroporation-Mediated Gene Delivery in Cells and Animals. <i>Journal of Membrane Biology</i> , 2013, 246, 737-744.	2.1	32
8	Proteomic and Functional Analyses of Protein-DNA Complexes During Gene Transfer. <i>Molecular Therapy</i> , 2013, 21, 775-785.	8.2	32
9	Caveolin-1 gene therapy inhibits inflammasome activation to protect from bleomycin-induced pulmonary fibrosis. <i>Scientific Reports</i> , 2019, 9, 19643.	3.3	29
10	Functional Delivery of siRNA by Disulfide-Constrained Cyclic Amphipathic Peptides. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 584-589.	2.8	28
11	Nonviral Gene Transfer Strategies for the Vasculature. <i>Microcirculation</i> , 2002, 9, 35-50.	1.8	26
12	Electroporation-Mediated Gene Delivery of Na <sup>+</sup> ,K <sup>+</sup> -ATPase, and ENaC Subunits to the Lung Attenuates Acute Respiratory Distress Syndrome in a Two-Hit Porcine Model. <i>Shock</i> , 2015, 43, 16-23.	2.1	25
13	IL-13 Induces YY1 through the AKT Pathway in Lung Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0119039.	2.5	18
14	RNAi therapeutic strategies for acute respiratory distress syndrome. <i>Translational Research</i> , 2019, 214, 30-49.	5.0	15
15	Use of Electroporation for Efficacious Gene Delivery to the Lungs. <i>ECS Transactions</i> , 2011, 35, 167-177.	0.5	14
16	High expression of carbonic anhydrase IX is significantly associated with glandular lesions in gastroesophageal junction and with tumorigenesis markers BMI1, MCM4 and MCM7. <i>BMC Gastroenterology</i> , 2015, 15, 80.	2.0	14
17	Featured Article: Electroporation-mediated gene delivery of surfactant protein B (SP-B) restores expression and improves survival in mouse model of SP-B deficiency. <i>Experimental Biology and Medicine</i> , 2017, 242, 1345-1354.	2.4	14
18	In vivo rescue of recombinant Zika virus from an infectious cDNA clone and its implications in vaccine development. <i>Scientific Reports</i> , 2020, 10, 512.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Pulmonary gene delivery—Realities and possibilities. <i>Experimental Biology and Medicine</i> , 2021, 246, 260-274.	2.4	12
20	Leptomycin B alters the subcellular distribution of CRM1 (Exportin 1). <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 253-258.	2.1	11
21	Gene transfer of MRCK $\pm$ rescues lipopolysaccharide-induced acute lung injury by restoring alveolar capillary barrier function. <i>Scientific Reports</i> , 2021, 11, 20862.	3.3	7
22	Identification of differentially regulated genes in human patent ductus arteriosus. <i>Experimental Biology and Medicine</i> , 2016, 241, 2112-2118.	2.4	6
23	MRCK $\pm$ interacts with and mediates Na <sup>+</sup> , K <sup>+</sup> -ATPase-induced tight junction assembly in the lung epithelium. <i>JCI Insight</i> , 2021, 6, .	5.0	6
24	Changes in lung immune cell infiltrates after electric field treatment in mice. <i>Scientific Reports</i> , 2021, 11, 1453.	3.3	4
25	Gene Therapy for Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 786255.	2.8	4
26	Synthesis and Application of Peptide—siRNA Nanoparticles from Disulfide-Constrained Cyclic Amphipathic Peptides for the Functional Delivery of Therapeutic Oligonucleotides to the Lung. <i>Methods in Molecular Biology</i> , 2021, 2208, 49-67.	0.9	3
27	Introduction to the Special Volume on Genomics and Gene Transfer. <i>Microcirculation</i> , 2002, 9, 1-2.	1.8	0
28	Gene Delivery of MRCK $\pm$ Repairs the Alveolar—Capillary Barrier and Rescues the Experimental Lipopolysaccharide—Induced Acute Lung Injury. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
29	Non Viral Gene Therapy Education For Lung Diseases Through Multimedia. , 0, , .		0