

Jukka A Hartikka

List of Publications by Year in descending order

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41
papers

3,959
citations

304743

22
h-index

395702

33
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41
all docs

41
docs citations

41
times ranked

1854
citing authors

#	ARTICLE	IF	CITATIONS
1	Nerve growth factor increases choline acetyl-transferase but not survival or fiber outgrowth of cultured fetal septal cholinergic neurons. <i>Neuroscience</i> , 1985, 14, 55-68.	2.3	493
2	Function of neurotrophic factors in the adult and aging brain and their possible use in the treatment of neurodegenerative diseases. <i>Neurobiology of Aging</i> , 1989, 10, 515-533.	3.1	470
3	Chronic intraventricular injections of nerve growth factor elevate hippocampal choline acetyltransferase activity in adult rats with partial septo-hippocampal lesions. <i>Brain Research</i> , 1984, 293, 305-311.	2.2	452
4	Gene Therapy by Intramuscular Injection of Plasmid DNA: Studies on Firefly Luciferase Gene Expression in Mice. <i>Human Gene Therapy</i> , 1993, 4, 419-431.	2.7	438
5	An Improved Plasmid DNA Expression Vector for Direct Injection into Skeletal Muscle. <i>Human Gene Therapy</i> , 1996, 7, 1205-1217.	2.7	333
6	A novel cationic lipid greatly enhances plasmid DNA delivery and expression in mouse lung.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11454-11459.	7.1	293
7	Localization of nerve growth factor receptors in cholinergic neurons of the human basal forebrain. <i>Neuroscience Letters</i> , 1986, 69, 37-41.	2.1	289
8	Electroporation-Facilitated Delivery of Plasmid DNA in Skeletal Muscle: Plasmid Dependence of Muscle Damage and Effect of Poloxamer 188. <i>Molecular Therapy</i> , 2001, 4, 407-415.	8.2	162
9	Comparison of nerve growth factor's effects on development of septum, striatum, and nucleus basalis cholinergic neurons in vitro. <i>Journal of Neuroscience Research</i> , 1988, 21, 352-364.	2.9	127
10	Vaxfectin enhances the humoral immune response to plasmid DNA-encoded antigens. <i>Vaccine</i> , 2001, 19, 1911-1923.	3.8	91
11	Spatial and temporal patterns of gene expression in mouse skeletal muscle after injection of lacZ plasmid DNA. <i>Gene Therapy</i> , 1997, 4, 648-663.	4.5	82
12	Implantation of PC12 cells into the corpus striatum of rats with lesions of the dopaminergic nigrostriatal neurons. <i>Brain Research</i> , 1985, 348, 283-288.	2.2	78
13	Safety of a GM-CSF adjuvant-plasmid DNA malaria vaccine. <i>Gene Therapy</i> , 2001, 8, 1011-1023.	4.5	67
14	Cyclic AMP, but not basic FGF, increases the in vitro survival of mesencephalic dopaminergic neurons and protects them from MPP+-induced degeneration. <i>Journal of Neuroscience Research</i> , 1992, 32, 190-201.	2.9	63
15	Effect of thyroid hormone analogs on the activity of choline acetyltransferase in cultures of dissociated septal cells. <i>Brain Research</i> , 1986, 375, 413-416.	2.2	59
16	Fibroblast Growth Factor-5 Promotes Differentiation of Cultured Rat Septal Cholinergic and Raphe Serotonergic Neurons: Comparison with the Effects of Neurotrophins. <i>European Journal of Neuroscience</i> , 1994, 6, 244-252.	2.6	58
17	Vaxfectin: a versatile adjuvant for plasmid DNA- and protein-based vaccines. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 1433-1446.	5.0	51
18	Inhibitors of Type IV Phosphodiesterases Reduce the Toxicity of MPTP in Substantia Nigra Neurons In Vivo. <i>European Journal of Neuroscience</i> , 1995, 7, 2431-2440.	2.6	49

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19	Vaxfectin enhances antigen specific antibody titers and maintains Th1 type immune responses to plasmid DNA immunization. <i>Vaccine</i> , 2001, 19, 3778-3786.	3.8	47
20	I. Poloxamer-Formulated Plasmid DNA-Based Human Cytomegalovirus Vaccine: Evaluation of Plasmid DNA Biodistribution/Persistence and Integration. <i>Human Gene Therapy</i> , 2005, 16, 1143-1150.	2.7	44
21	Physical characterization and <i>in vivo</i> evaluation of poloxamer-based DNA vaccine formulations. <i>Journal of Gene Medicine</i> , 2008, 10, 770-782.	2.8	38
22	Enhancer and Promoter Chimeras in Plasmids Designed for Intramuscular Injection: A Comparative In Vivo and In Vitro Study. <i>Human Gene Therapy</i> , 1998, 9, 2545-2553.	2.7	23
23	A cytomegalovirus DNA vaccine induces antibodies that block viral entry into fibroblasts and epithelial cells. <i>Vaccine</i> , 2015, 33, 7328-7336.	3.8	22
24	Enhancer and Promoter Chimeras in Plasmids Designed for Intramuscular Injection: A Comparative In Vivo and In Vitro Study. <i>Human Gene Therapy</i> , 1998, 9, 2545-2553.	2.7	20
25	Vaxfectin®, a cationic lipid-based adjuvant for protein-based influenza vaccines. <i>Vaccine</i> , 2009, 27, 6399-6403.	3.8	20
26	II. Cationic Lipid-Formulated Plasmid DNA-Based Bacillus anthracis Vaccine: Evaluation of Plasmid DNA Persistence and Integration Potential. <i>Human Gene Therapy</i> , 2005, 16, 1151-1156.	2.7	17
27	Preclinical evaluation of the immunogenicity and safety of plasmid DNA-based prophylactic vaccines for human cytomegalovirus. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1595-1606.	3.3	14
28	Comparison of Rabbit and Mouse Models for Persistence Analysis of Plasmid-Based Vaccines. <i>Hum Vaccin</i> , 2006, 2, 113-118.	2.4	13
29	A TaqMan® Reverse Transcription Polymerase Chain Reaction (RT-PCR) In Vitro Potency Assay for Plasmid-based Vaccine Products. <i>Molecular Biotechnology</i> , 2008, 40, 47-57.	2.4	10
30	Pharmacological activities in thermal proteins: Relationships in molecular evolution. <i>International Journal of Quantum Chemistry</i> , 1987, 32, 347-349.	2.0	9
31	Preclinical evaluation of Vaxfectin®-adjuvanted Vero cell-derived seasonal split and pandemic whole virus influenza vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 1333-1345.	3.3	9
32	Role of Nerve Growth Factor in the Central Nervous System. , 1988, , 127-138.		7
33	Authors' response to commentaries. <i>Neurobiology of Aging</i> , 1989, 10, 552-553.	3.1	4
34	Quantification of Plasmid DNA Expression in Vivo. , 1998, , 343-367.		4
35	Development and Characterization of Lyophilized DNA Vaccine Formulations. , 2000, 29, 23-34.		1
36	Adjuvants for Plasmid DNA Vaccines. , 2000, 29, 185-196.		1

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37	Effects of Nerve Growth Factor on Cholinergic Neurons of the Rat Forebrain. <i>Advances in Behavioral Biology</i> , 1985, , 495-504.	0.2	1
38	II. Cationic Lipid-Formulated Plasmid DNA-Based Bacillus anthracis Vaccine: Evaluation of Plasmid DNA Persistence and Integration Potential. <i>Human Gene Therapy</i> , 2005, .	2.7	0
39	I. Poloxamer-Formulated Plasmid DNA-Based Human Cytomegalovirus Vaccine: Evaluation of Plasmid DNA Biodistribution/Persistence and Integration. <i>Human Gene Therapy</i> , 2005, .	2.7	0
40	I. Poloxamer-Formulated Plasmid DNA-Based Human Cytomegalovirus Vaccine: Evaluation of Plasmid DNA Biodistribution/Persistence and Integration. <i>Human Gene Therapy</i> , 2005, .	2.7	0
41	II. Cationic Lipid-Formulated Plasmid DNA-Based Bacillus anthracis Vaccine: Evaluation of Plasmid DNA Persistence and Integration Potential. <i>Human Gene Therapy</i> , 2005, .	2.7	0