

# Niranjan Y Sardesai

## List of Publications by Year in descending order

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122  
papers

5,985  
citations

71102

41  
h-index

85541

71  
g-index

124  
all docs

124  
docs citations

124  
times ranked

6616  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A synDNA vaccine delivering neoAg collections controls heterogenous, multifocal murine lung and ovarian tumors via robust T <sub>H</sub> 1 cell generation. <i>Molecular Therapy - Oncolytics</i> , 2021, 21, 278-287.                                      | 4.4  | 7         |
| 2  | Intramuscular and Intradermal Electroporation of HIV-1 PENNVAX-GP <sup>2</sup> DNA Vaccine and IL-12 Is Safe, Tolerable, Acceptable in Healthy Adults. <i>Vaccines</i> , 2020, 8, 741.  | 4.4  | 11        |
| 3  | Robust antibody and cellular responses induced by DNA-only vaccination for HIV. <i>JCI Insight</i> , 2020, 5, .   | 5.0  | 25        |
| 4  | Zika-Induced Male Infertility in Mice Is Potentially Reversible and Preventable by Deoxyribonucleic Acid Immunization. <i>Journal of Infectious Diseases</i> , 2019, 219, 365-374.  | 4.0  | 11        |
| 5  | A Synthetic DNA, Multi-Neoantigen Vaccine Drives Predominately MHC Class I CD8+ T-cell Responses, Impacting Tumor Challenge. <i>Cancer Immunology Research</i> , 2019, 7, 174-182.  | 3.4  | 75        |
| 6  | Intradermal SynCon <sup>2</sup> Ebola GP DNA Vaccine Is Temperature Stable and Safely Demonstrates Cellular and Humoral Immunogenicity Advantages in Healthy Volunteers. <i>Journal of Infectious Diseases</i> , 2019, 220, 400-410.                        | 4.0  | 91        |
| 7  | Protective Efficacy and Long-Term Immunogenicity in Cynomolgus Macaques by Ebola Virus Glycoprotein Synthetic DNA Vaccines. <i>Journal of Infectious Diseases</i> , 2019, 219, 544-555.   | 4.0  | 30        |
| 8  | Clinical and Immunologic Biomarkers for Histologic Regression of High-Grade Cervical Dysplasia and Clearance of HPV16 and HPV18 after Immunotherapy. <i>Clinical Cancer Research</i> , 2018, 24, 276-294.   | 7.0  | 32        |
| 9  | Broad cross-protective anti-hemagglutination responses elicited by influenza microconsensus DNA vaccine. <i>Vaccine</i> , 2018, 36, 3079-3089.  | 3.8  | 18        |
| 10 | In Vivo Delivery of Synthetic Human DNA-Encoded Monoclonal Antibodies Protect against Ebolavirus Infection in a Mouse Model. <i>Cell Reports</i> , 2018, 25, 1982-1993.e4.  | 6.4  | 38        |
| 11 | Gag and env conserved element CE DNA vaccines elicit broad cytotoxic T cell responses targeting subdominant epitopes of HIV and SIV Able to recognize virus-infected cells in macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 2163-2177. | 3.3  | 14        |
| 12 | Control of Heterologous Simian Immunodeficiency Virus SIV <sub>smE660</sub> Infection by DNA and Protein Coimmunization Regimens Combined with Different Toll-Like-Receptor-4-Based Adjuvants in Macaques. <i>Journal of Virology</i> , 2018, 92, .         | 3.4  | 39        |
| 13 | DNA Vaccine "Induced Long-Lasting Cytotoxic T Cells Targeting Conserved Elements of Human Immunodeficiency Virus Gag Are Boosted Upon DNA or Recombinant Modified Vaccinia Ankara Vaccination. <i>Human Gene Therapy</i> , 2018, 29, 1029-1043.             | 2.7  | 12        |
| 14 | A Novel DNA Vaccine Platform Enhances Neo-antigen-like T Cell Responses against WT1 to Break Tolerance and Induce Anti-tumor Immunity. <i>Molecular Therapy</i> , 2017, 25, 976-988.  | 8.2  | 29        |
| 15 | Development of an intradermal DNA vaccine delivery strategy to achieve single-dose immunity against respiratory syncytial virus. <i>Vaccine</i> , 2017, 35, 2840-2847.  | 3.8  | 26        |
| 16 | DNA vaccination protects mice against Zika virus-induced damage to the testes. <i>Nature Communications</i> , 2017, 8, 15743.   | 12.8 | 90        |
| 17 | Safety and Immunogenicity of PENNVAX-G DNA Prime Administered by Biojector 2000 or CELLECTRA Electroporation Device With Modified Vaccinia Ankara-CMDR Boost. <i>Journal of Infectious Diseases</i> , 2017, 216, 1080-1090.                                 | 4.0  | 23        |
| 18 | A DNA vaccine delivered by dermal electroporation fully protects cynomolgus macaques against Lassa fever. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2902-2911.   | 3.3  | 61        |

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|----|---|------|-----------|
| 19 | An engineered bispecific DNA-encoded IgG antibody protects against <i>Pseudomonas aeruginosa</i> in a pneumonia challenge model. <i>Nature Communications</i> , 2017, 8, 637.   | 12.8 | 45        |
| 20 | Novel prostate cancer immunotherapy with a DNA-encoded anti-prostate-specific membrane antigen monoclonal antibody. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1577-1588.  | 4.2  | 31        |
| 21 | HIV Env conserved element DNA vaccine alters immunodominance in macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2859-2871.   | 3.3  | 17        |
| 22 | DMAb inoculation of synthetic cross reactive antibodies protects against lethal influenza A and B infections. <i>Npj Vaccines</i> , 2017, 2, 18.  | 6.0  | 42        |
| 23 | Safety, bioavailability, and pharmacokinetics of VGX-1027: A novel oral anti-inflammatory drug in healthy human subjects. <i>Clinical Pharmacology in Drug Development</i> , 2016, 5, 91-101.   | 1.6  | 12        |
| 24 | Augmentation of cellular and humoral immune responses to HPV16 and HPV18 E6 and E7 antigens by VGX-3100. <i>Molecular Therapy - Oncolytics</i> , 2016, 3, 16025.  | 4.4  | 30        |
| 25 | Protocols for Developing Novel Chikungunya Virus DNA Vaccines. <i>Methods in Molecular Biology</i> , 2016, 1426, 311-332.   | 0.9  | 2         |
| 26 | In vivo protection against ZIKV infection and pathogenesis through passive antibody transfer and active immunisation with a prMEnv DNA vaccine. <i>Npj Vaccines</i> , 2016, 1, 16021.   | 6.0  | 118       |
| 27 | DNA Prime-Boost Vaccine Regimen To Increase Breadth, Magnitude, and Cytotoxicity of the Cellular Immune Responses to Subdominant Gag Epitopes of Simian Immunodeficiency Virus and HIV. <i>Journal of Immunology</i> , 2016, 197, 3999-4013.                | 0.8  | 33        |
| 28 | Rapid and Long-Term Immunity Elicited by DNA-Encoded Antibody Prophylaxis and DNA Vaccination Against Chikungunya Virus. <i>Journal of Infectious Diseases</i> , 2016, 214, 369-378.  | 4.0  | 77        |
| 29 | Chemokine-adjuvanted electroporated DNA vaccine induces substantial protection from simian immunodeficiency virus vaginal challenge. <i>Mucosal Immunology</i> , 2016, 9, 13-23.  | 6.0  | 33        |
| 30 | Protection against dengue disease by synthetic nucleic acid antibody prophylaxis/immunotherapy. <i>Scientific Reports</i> , 2015, 5, 12616.   | 3.3  | 65        |
| 31 | Activated CD4 <sup>+</sup> CCR5 <sup>+</sup> T cells in the rectum predict increased SIV acquisition in SIVGag/Tat-vaccinated rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 518-523. | 7.1  | 88        |
| 32 | A human immune data-informed vaccine concept elicits strong and broad T-cell specificities associated with HIV-1 control in mice and macaques. <i>Journal of Translational Medicine</i> , 2015, 13, 60.   | 4.4  | 84        |
| 33 | Dose-dependent inhibition of Gag cellular immunity by Env in SIV/HIV DNA vaccinated macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2005-2011.   | 3.3  | 11        |
| 34 | Novel synthetic plasmid and Doggybone <sup>®</sup> DNA vaccines induce neutralizing antibodies and provide protection from lethal influenza challenge in mice. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1972-1982.                          | 3.3  | 27        |
| 35 | An Enhanced Synthetic Multiclade DNA Prime Induces Improved Cross-Clade-Reactive Functional Antibodies when Combined with an Adjuvanted Protein Boost in Nonhuman Primates. <i>Journal of Virology</i> , 2015, 89, 9154-9166.                               | 3.4  | 14        |
| 36 | Immunogenicity of a novel enhanced consensus DNA vaccine encoding the leptospiral protein LipL45. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1945-1953.   | 3.3  | 12        |

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|----|---|------|-----------|
| 37 | Recombinant rubella vectors elicit SIV Gag-specific T cell responses with cytotoxic potential in rhesus macaques. <i>Vaccine</i> , 2015, 33, 2167-2174.   | 3.8  | 9         |
| 38 | Safety, efficacy, and immunogenicity of VGX-3100, a therapeutic synthetic DNA vaccine targeting human papillomavirus 16 and 18 E6 and E7 proteins for cervical intraepithelial neoplasia 2/3: a randomised, double-blind, placebo-controlled phase 2b trial. <i>Lancet, The</i> , 2015, 386, 2078-2088. | 13.7 | 529       |
| 39 | Skin Transfection Patterns and Expression Kinetics of Electroporation-Enhanced Plasmid Delivery Using the CELLECTRA-3P, a Portable Next-Generation Dermal Electroporation Device. <i>Human Gene Therapy Methods</i> , 2015, 26, 134-146.  | 2.1  | 44        |
| 40 | A synthetic consensus anti-“spike protein DNA vaccine induces protective immunity against Middle East respiratory syndrome coronavirus in nonhuman primates. <i>Science Translational Medicine</i> , 2015, 7, 301ra132.   | 12.4 | 214       |
| 41 | DNA vaccines targeting heavy chain C-terminal fragments of Clostridium botulinum neurotoxin serotypes A, B, and E induce potent humoral and cellular immunity and provide protection from lethal toxin challenge. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1961-1971.                   | 3.3  | 7         |
| 42 | A multi-head intradermal electroporation device allows for tailored and increased dose DNA vaccine delivery to the skin. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 746-754.  | 3.3  | 15        |
| 43 | Synthetic Consensus HIV-1 DNA Induces Potent Cellular Immune Responses and Synthesis of Granzyme B, Perforin in HIV Infected Individuals. <i>Molecular Therapy</i> , 2015, 23, 591-601.   | 8.2  | 19        |
| 44 | Altered Response Hierarchy and Increased T-Cell Breadth upon HIV-1 Conserved Element DNA Vaccination in Macaques. <i>PLoS ONE</i> , 2014, 9, e86254.  | 2.5  | 47        |
| 45 | DNA and Protein Co-Immunization Improves the Magnitude and Longevity of Humoral Immune Responses in Macaques. <i>PLoS ONE</i> , 2014, 9, e91550.  | 2.5  | 42        |
| 46 | Strong HCV NS3/4a, NS4b, NS5a, NS5b-specific cellular immune responses induced in Rhesus macaques by a novel HCV genotype 1a/1b consensus DNA vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2357-2365.  | 3.3  | 24        |
| 47 | Novel and enhanced anti-melanoma DNA vaccine targeting the tyrosinase protein inhibits myeloid-derived suppressor cells and tumor growth in a syngeneic prophylactic and therapeutic murine model. <i>Cancer Gene Therapy</i> , 2014, 21, 507-517.  | 4.6  | 27        |
| 48 | Comparative analysis of SIV-specific cellular immune responses induced by different vaccine platforms in rhesus macaques. <i>Clinical Immunology</i> , 2014, 155, 91-107.   | 3.2  | 24        |
| 49 | Direct Transfection of Dendritic Cells in the Epidermis After Plasmid Delivery Enhanced by Surface Electroporation. <i>Human Gene Therapy Methods</i> , 2014, 25, 315-316.  | 2.1  | 10        |
| 50 | A multi-head intradermal electroporation device allows for tailored and increased dose DNA vaccine delivery to the skin. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 3039-3047.  | 3.3  | 5         |
| 51 | Adventures of a vaccinologist entrepreneur. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1431-1435.   | 3.3  | 0         |
| 52 | An Optimized, Synthetic DNA Vaccine Encoding the Toxin A and Toxin B Receptor Binding Domains of Clostridium difficile Induces Protective Antibody Responses <i>In Vivo</i> . <i>Infection and Immunity</i> , 2014, 82, 4080-4091.  | 2.2  | 31        |
| 53 | VGX-1027 modulates genes involved in lipopolysaccharide-induced T cell-like receptor 4 activation and in a murine model of systemic lupus erythematosus. <i>Immunology</i> , 2014, 142, 594-602.  | 4.4  | 37        |
| 54 | Humoral immunity induced by mucosal and/or systemic SIV-specific vaccine platforms suggests novel combinatorial approaches for enhancing responses. <i>Clinical Immunology</i> , 2014, 153, 308-322.  | 3.2  | 20        |

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|----|--|-----|-----------|
| 55 | Protective immunity to H7N9 influenza viruses elicited by synthetic DNA vaccine. <i>Vaccine</i> , 2014, 32, 2833-2842.   | 3.8 | 41        |
| 56 | DNA vaccination strategy targets epidermal dendritic cells, initiating their migration and induction of a host immune response. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14054.  | 4.1 | 22        |
| 57 | Clinical Development of Intramuscular Electroporation: Providing a "Boost" for DNA Vaccines. <i>Methods in Molecular Biology</i> , 2014, 1121, 279-289.  | 0.9 | 14        |
| 58 | DNA Vaccination in Skin Enhanced by Electroporation. <i>Methods in Molecular Biology</i> , 2014, 1143, 123-130.  | 0.9 | 16        |
| 59 | DNA vaccine cocktail expressing genotype A and C HBV surface and consensus core antigens generates robust cytotoxic and antibody responses in mice and Rhesus macaques. <i>Cancer Gene Therapy</i> , 2013, 20, 652-662.  | 4.6 | 32        |
| 60 | Highly Optimized DNA Vaccine Targeting Human Telomerase Reverse Transcriptase Stimulates Potent Antitumor Immunity. <i>Cancer Immunology Research</i> , 2013, 1, 179-189.  | 3.4 | 48        |
| 61 | Human papillomavirus therapeutic vaccines: targeting viral antigens as immunotherapy for precancerous disease and cancer. <i>Expert Review of Vaccines</i> , 2013, 12, 271-283.  | 4.4 | 52        |
| 62 | Nonstructural Protein 2 (nsP2) of Chikungunya Virus (CHIKV) Enhances Protective Immunity Mediated by a CHIKV Envelope Protein Expressing DNA Vaccine. <i>Viral Immunology</i> , 2013, 26, 75-83.   | 1.3 | 26        |
| 63 | Inducing Humoral and Cellular Responses to Multiple Sporozoite and Liver-Stage Malaria Antigens Using Exogenous Plasmid DNA. <i>Infection and Immunity</i> , 2013, 81, 3709-3720.  | 2.2 | 42        |
| 64 | Comparison of intradermal and intramuscular delivery followed by in vivo electroporation of SIV Env DNA in macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2081-2094.  | 3.3 | 26        |
| 65 | A Heterologous Prime/Boost Vaccination Strategy Enhances the Immunogenicity of Therapeutic Vaccines for Hepatitis C Virus. <i>Journal of Infectious Diseases</i> , 2013, 208, 1008-1019.   | 4.0 | 42        |
| 66 | DNA and virus particle vaccination protects against acquisition and confers control of viremia upon heterologous simian immunodeficiency virus challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2975-2980. | 7.1 | 71        |
| 67 | Tolerability of intramuscular and intradermal delivery by CELLECTRA <sup>®</sup> adaptive constant current electroporation device in healthy volunteers. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2246-2252.  | 3.3 | 75        |
| 68 | Safety and Comparative Immunogenicity of an HIV-1 DNA Vaccine in Combination with Plasmid Interleukin 12 and Impact of Intramuscular Electroporation for Delivery. <i>Journal of Infectious Diseases</i> , 2013, 208, 818-829.   | 4.0 | 171       |
| 69 | The p40 Subunit of Interleukin (IL)-12 Promotes Stabilization and Export of the p35 Subunit. <i>Journal of Biological Chemistry</i> , 2013, 288, 6763-6776.  | 3.4 | 70        |
| 70 | Therapeutic DNA Vaccination Using In Vivo Electroporation Followed by Standard of Care Therapy in Patients With Genotype 1 Chronic Hepatitis C. <i>Molecular Therapy</i> , 2013, 21, 1796-1805.  | 8.2 | 62        |
| 71 | Electroporation mediated DNA vaccination directly to a mucosal surface results in improved immune responses. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2041-2048.  | 3.3 | 31        |
| 72 | Enhanced Efficacy of a Codon-Optimized DNA Vaccine Encoding the Glycoprotein Precursor Gene of Lassa Virus in a Guinea Pig Disease Model When Delivered by Dermal Electroporation. <i>Vaccines</i> , 2013, 1, 262-277.   | 4.4 | 46        |

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|----|---|------|-----------|
| 73 | HIV-1 Env DNA Vaccine plus Protein Boost Delivered by EP Expands B- and T-Cell Responses and Neutralizing Phenotype In Vivo. <i>PLoS ONE</i> , 2013, 8, e84234.   | 2.5  | 29        |
| 74 | Enhanced Delivery and Potency of Self-Amplifying mRNA Vaccines by Electroporation in Situ. <i>Vaccines</i> , 2013, 1, 367-383.  | 4.4  | 44        |
| 75 | Elucidating the Kinetics of Expression and Immune Cell Infiltration Resulting from Plasmid Gene Delivery Enhanced by Surface Dermal Electroporation. <i>Vaccines</i> , 2013, 1, 384-397.  | 4.4  | 11        |
| 76 | HIV-1 p24gag Derived Conserved Element DNA Vaccine Increases the Breadth of Immune Response in Mice. <i>PLoS ONE</i> , 2013, 8, e60245.   | 2.5  | 44        |
| 77 | Optimization of Electroporation-Enhanced Intradermal Delivery of DNA Vaccine Using a Minimally Invasive Surface Device. <i>Human Gene Therapy Methods</i> , 2012, 23, 157-168.  | 2.1  | 44        |
| 78 | Vaccination with synthetic constructs expressing cytomegalovirus immunogens is highly T cell immunogenic in mice. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1668-1681.  | 3.3  | 21        |
| 79 | Intradermal DNA Vaccination Enhanced by Low-Current Electroporation Improves Antigen Expression and Induces Robust Cellular and Humoral Immune Responses. <i>Human Gene Therapy</i> , 2012, 23, 943-950.                                      | 2.7  | 31        |
| 80 | Optimized In Vivo Transfer of Small Interfering RNA Targeting Dermal Tissue Using In Vivo Surface Electroporation. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e11.   | 5.1  | 30        |
| 81 | IL-12 DNA as molecular vaccine adjuvant increases the cytotoxic T cell responses and breadth of humoral immune responses in SIV DNA vaccinated macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1620-1629.                   | 3.3  | 67        |
| 82 | Plasmodium inui Infection Reduces the Efficacy of a Simian Immunodeficiency Virus DNA Vaccine in a Rhesus Macaque Model Through Alteration of the Vaccine-Induced Immune Response. <i>Journal of Infectious Diseases</i> , 2012, 206, 523-33. | 4.0  | 7         |
| 83 | Induction of robust cellular immunity against HPV6 and HPV11 in mice by DNA vaccine encoding for E6/E7 antigen. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 470-478.  | 3.3  | 17        |
| 84 | Influenza A vaccines using linear expression cassettes delivered via electroporation afford full protection against challenge in a mouse model. <i>Vaccine</i> , 2012, 30, 6946-6954.   | 3.8  | 26        |
| 85 | An optimized SIV DNA vaccine can serve as a boost for Ad5 and provide partial protection from a high-dose SIVmac251 challenge. <i>Vaccine</i> , 2012, 30, 3202-3208.  | 3.8  | 17        |
| 86 | Immunotherapy Against HPV16/18 Generates Potent T <sub>H</sub> 1 and Cytotoxic Cellular Immune Responses. <i>Science Translational Medicine</i> , 2012, 4, 155ra138.  | 12.4 | 260       |
| 87 | Hepatitis C Virus NS3/NS4A DNA Vaccine Induces Multi-epitope T Cell Responses in Rhesus Macaques Mimicking Human Immune Responses. <i>Molecular Therapy</i> , 2012, 20, 669-678.  | 8.2  | 36        |
| 88 | High antibody and cellular responses induced to HIV-1 clade C envelope following DNA vaccines delivered by electroporation. <i>Vaccine</i> , 2011, 29, 6763-6770.   | 3.8  | 35        |
| 89 | Comparison of immune responses generated by optimized DNA vaccination against SIV antigens in mice and macaques. <i>Vaccine</i> , 2011, 29, 6742-6754.  | 3.8  | 28        |
| 90 | A novel prototype device for electroporation-enhanced DNA vaccine delivery simultaneously to both skin and muscle. <i>Vaccine</i> , 2011, 29, 6771-6780.  | 3.8  | 48        |

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|-----|---|-----|-----------|
| 91  | A highly optimized DNA vaccine confers complete protective immunity against high-dose lethal lymphocytic choriomeningitis virus challenge. <i>Vaccine</i> , 2011, 29, 6755-6762.  | 3.8 | 27        |
| 92  | Immunogenicity of a novel engineered HIV-1 clade C synthetic consensus-based envelope DNA vaccine. <i>Vaccine</i> , 2011, 29, 7173-7181.  | 3.8 | 37        |
| 93  | DNA vaccines 2010: A gumbo of accomplishment and excitement in New Orleans. <i>Vaccine</i> , 2011, 29, 6721-6722.   | 3.8 | 0         |
| 94  | Prototype development and preclinical immunogenicity analysis of a novel minimally invasive electroporation device. <i>Gene Therapy</i> , 2011, 18, 258-265.  | 4.5 | 60        |
| 95  | Electroporation delivery of DNA vaccines: prospects for success. <i>Current Opinion in Immunology</i> , 2011, 23, 421-429.  | 5.5 | 354       |
| 96  | Enhanced Control of Pathogenic Simian Immunodeficiency Virus SIVmac239 Replication in Macaques Immunized with an Interleukin-12 Plasmid and a DNA Prime-Viral Vector Boost Vaccine Regimen. <i>Journal of Virology</i> , 2011, 85, 9578-9587. | 3.4 | 63        |
| 97  | Co-delivery of PSA and PSMA DNA vaccines with electroporation induces potent immune responses. <i>Hum Vaccin</i> , 2011, 7, 120-127.  | 2.4 | 29        |
| 98  | Piezoelectric permeabilization of mammalian dermal tissue for in vivo DNA delivery leads to enhanced protein expression and increased immunogenicity. <i>Hum Vaccin</i> , 2011, 7, 22-28.   | 2.4 | 17        |
| 99  | Multivalent Smallpox DNA Vaccine Delivered by Intradermal Electroporation Drives Protective Immunity in Nonhuman Primates Against Lethal Monkeypox Challenge. <i>Journal of Infectious Diseases</i> , 2011, 203, 95-102.                      | 4.0 | 78        |
| 100 | A DNA Vaccine against Chikungunya Virus Is Protective in Mice and Induces Neutralizing Antibodies in Mice and Nonhuman Primates. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e928.   | 3.0 | 155       |
| 101 | Long-Term Programming of Antigen-Specific Immunity from Gene Expression Signatures in the PBMC of Rhesus Macaques Immunized with an SIV DNA Vaccine. <i>PLoS ONE</i> , 2011, 6, e19681.   | 2.5 | 25        |
| 102 | Unique Th1/Th2 Phenotypes Induced during Priming and Memory Phases by Use of Interleukin-12 (IL-12) or IL-28B Vaccine Adjuvants in Rhesus Macaques. <i>Vaccine Journal</i> , 2010, 17, 1493-1499.   | 3.1 | 38        |
| 103 | IL-28B/IFN- $\gamma$ Drives Granzyme B Loading and Significantly Increases CTL Killing Activity in Macaques. <i>Molecular Therapy</i> , 2010, 18, 1714-1723.  | 8.2 | 53        |
| 104 | Comparative Analysis of Immune Responses Induced by Vaccination With SIV Antigens by Recombinant Ad5 Vector or Plasmid DNA in Rhesus Macaques. <i>Molecular Therapy</i> , 2010, 18, 1568-1576.  | 8.2 | 42        |
| 105 | Introduction to DNA vaccines “Las Vegas”. <i>Vaccine</i> , 2010, 28, 1893-1896.   | 3.8 | 7         |
| 106 | DNA-based influenza vaccines: evaluating their potential to provide universal protection. <i>IDrugs: the Investigational Drugs Journal</i> , 2010, 13, 707-12.  | 0.7 | 4         |
| 107 | Coimmunization with an optimized IL15 plasmid adjuvant enhances humoral immunity via stimulating B cells induced by genetically engineered DNA vaccines expressing consensus JEV and WNV E DIII. <i>Vaccine</i> , 2009, 27, 4370-4380.        | 3.8 | 41        |
| 108 | Development of a novel DNA SynCon $\alpha$ , $\beta$ tetraivalent dengue vaccine that elicits immune responses against four serotypes. <i>Vaccine</i> , 2009, 27, 6444-6453.  | 3.8 | 40        |



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|-----|--|------|-----------|
| 109 | Analysis of the Potential for HIV-1 Vpr as an Anti-Cancer Agent. <i>Current HIV Research</i> , 2009, 7, 144-152.   | 0.5  | 7         |
| 110 | In vitro inhibition of enterobacteria-reactive CD4 <sup>+</sup> CD25 <sup>hi</sup> T cells and suppression of immunoinflammatory colitis in mice by the novel immunomodulatory agent VGX-1027. <i>European Journal of Pharmacology</i> , 2008, 586, 313-321. | 3.5  | 14        |
| 111 | Immunogenicity of novel consensus-based DNA vaccines against Chikungunya virus. <i>Vaccine</i> , 2008, 26, 5128-5134.  | 3.8  | 156       |
| 112 | Heterosubtypic Protection against Pathogenic Human and Avian Influenza Viruses via In Vivo Electroporation of Synthetic Consensus DNA Antigens. <i>PLoS ONE</i> , 2008, 3, e2517.  | 2.5  | 124       |
| 113 | MESOMARK <sup>®</sup> , $\phi$ : A Potential Test for Malignant Pleural Mesothelioma. <i>Clinical Chemistry</i> , 2007, 53, 666-672.   | 3.2  | 127       |
| 114 | Detection of Newly Diagnosed Bladder Cancer, Bladder Cancer Recurrence and Bladder Cancer in Patients with Hematuria Using Quantitative RT-PCR of Urinary Survivin. <i>Tumor Biology</i> , 2007, 28, 57-62.  | 1.8  | 35        |
| 115 | Mesothelin Variant 1 Is Released from Tumor Cells as a Diagnostic Marker. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1014-1020.  | 2.5  | 100       |
| 116 | RNA Scaffolds for Minihelix-Based Aminoacyl Transfer: Design of $\alpha$ -Transpeptidases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 29-37.  | 3.5  | 1         |
| 117 | Efficient 50S Ribosome-Catalyzed Peptide Bond Synthesis with an Aminoacyl Minihelix. <i>Biochemistry</i> , 1999, 38, 12080-12088.  | 2.5  | 21        |
| 118 | Functional analysis of peptide motif for RNA microhelix binding suggests new family of RNA-binding domains. <i>EMBO Journal</i> , 1998, 17, 5449-5457.   | 7.8  | 20        |
| 119 | Noncovalent Assembly of Microhelix Recognition by a Class II tRNA Synthetase. <i>Journal of the American Chemical Society</i> , 1998, 120, 3269-3270.  | 13.7 | 6         |
| 120 | DNA recognition by metal-peptide complexes containing the recognition helix of the phage 434 repressor. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 762-771.   | 2.6  | 21        |
| 121 | Construction of Coordinatively Saturated Rhodium Complexes Containing Appended Peptides. <i>Bioconjugate Chemistry</i> , 1995, 6, 302-312.   | 3.6  | 43        |
| 122 | DNA Recognition by Peptide Complexes of Rhodium(III): Example of a Glutamate Switch. <i>Journal of the American Chemical Society</i> , 1994, 116, 7502-7508.   | 13.7 | 79        |