

# Cristian Smerdou

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,272  
citations

236833

25  
h-index

223716

46  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing immune responses using suicidal DNA vaccines. <i>Nature Biotechnology</i> , 1998, 16, 562-565.	9.4	225
2	PDL1 Signals through Conserved Sequence Motifs to Overcome Interferon-Mediated Cytotoxicity. <i>Cell Reports</i> , 2017, 20, 1818-1829.	2.9	220
3	Antigenic homology among coronaviruses related to transmissible gastroenteritis virus. <i>Virology</i> , 1990, 174, 410-417.	1.1	152
4	Residues involved in the antigenic sites of transmissible gastroenteritis coronavirus S glycoprotein. <i>Virology</i> , 1991, 183, 225-238.	1.1	134
5	Long noncoding <scp>RNA EGOT</scp> negatively affects the antiviral response and favors <scp>HCV</scp> replication. <i>EMBO Reports</i> , 2016, 17, 1013-1028.	2.0	109
6	Immunization with recombinant Semliki Forest virus induces protection against influenza challenge in mice. <i>Vaccine</i> , 1999, 17, 497-507.	1.7	101
7	Virotherapy with a Semliki Forest Virus-Based Vector Encoding IL12 Synergizes with PD-1/PD-L1 Blockade. <i>Cancer Immunology Research</i> , 2015, 3, 449-454.	1.6	88
8	Complete genome sequence of transmissible gastroenteritis coronavirus PUR46-MAD clone and evolution of the purdue virus cluster. <i>Virus Genes</i> , 2001, 23, 105-118.	0.7	74
9	Semliki Forest Virus Vectors Engineered to Express Higher IL-12 Levels Induce Efficient Elimination of Murine Colon Adenocarcinomas. <i>Molecular Therapy</i> , 2005, 12, 153-163.	3.7	72
10	Molecular Characterization of Transmissible Gastroenteritis Coronavirus Defective Interfering Genomes: Packaging and Heterogeneity. <i>Virology</i> , 1996, 217, 495-507.	1.1	71
11	Replication and Packaging of Transmissible Gastroenteritis Coronavirus-Derived Synthetic Minigenomes. <i>Journal of Virology</i> , 1999, 73, 1535-1545.	1.5	71
12	Mechanisms of transmissible gastroenteritis coronavirus neutralization. <i>Virology</i> , 1990, 177, 559-569.	1.1	63
13	Intratumoral Immunotherapy with XCL1 and sFlt3L Encoded in Recombinant Semliki Forest Virus-Derived Vectors Fosters Dendritic Cell-Mediated T-cell Cross-Priming. <i>Cancer Research</i> , 2018, 78, 6643-6654.	0.4	60
14	Alphavirus vectors for cancer therapy. <i>Virus Research</i> , 2010, 153, 179-196.	1.1	59
15	Immunotherapeutic Synergy Between Anti-CD137 mAb and Intratumoral Administration of a Cytopathic Semliki Forest Virus Encoding IL-12. <i>Molecular Therapy</i> , 2012, 20, 1664-1675.	3.7	55
16	A new generation of vaccines based on alphavirus self-amplifying RNA. <i>Current Opinion in Virology</i> , 2020, 44, 145-153.	2.6	45
17	Development of Protection against Coronavirus Induced Diseases. <i>Advances in Experimental Medicine and Biology</i> , 1995, 380, 197-211.	0.8	45
18	Semliki Forest Virus Expressing Interleukin-12 Induces Antiviral and Antitumoral Responses in Woodchucks with Chronic Viral Hepatitis and Hepatocellular Carcinoma. <i>Journal of Virology</i> , 2009, 83, 12266-12278.	1.5	42

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19	Induction of Antibodies Protecting against Transmissible Gastroenteritis Coronavirus (TGEV) by Recombinant Adenovirus Expressing TGEV Spike Protein. <i>Virology</i> , 1995, 213, 503-516.	1.1	37
20	Strict Requirement for Vector-Induced Type I Interferon in Efficacious Antitumor Responses to Virally Encoded IL12. <i>Cancer Research</i> , 2015, 75, 497-507.	0.4	34
21	Intensive Pharmacological Immunosuppression Allows for Repetitive Liver Gene Transfer With Recombinant Adenovirus in Nonhuman Primates. <i>Molecular Therapy</i> , 2010, 18, 754-765.	3.7	31
22	Increased Efficacy and Safety in the Treatment of Experimental Liver Cancer with a Novel Adenovirus-Alphavirus Hybrid Vector. <i>Cancer Research</i> , 2006, 66, 1620-1629.	0.4	30
23	Neoadjuvant administration of Semliki Forest virus expressing interleukin-12 combined with attenuated <i>Salmonella</i> eradicates breast cancer metastasis and achieves long-term survival in immunocompetent mice. <i>BMC Cancer</i> , 2015, 15, 620.	1.1	30
24	Gene therapy for progressive familial intrahepatic cholestasis type 3 in a clinically relevant mouse model. <i>Nature Communications</i> , 2019, 10, 5694.	5.8	30
25	Gene therapy approaches against cancer using <i>in vivo</i> and <i>ex vivo</i> gene transfer of interleukin-12. <i>Immunotherapy</i> , 2016, 8, 179-198.	1.0	29
26	Short-Term Local Expression of a PD-L1 Blocking Antibody from a Self-Replicating RNA Vector Induces Potent Antitumor Responses. <i>Molecular Therapy</i> , 2019, 27, 1892-1905.	3.7	28
27	Antigen selection and presentation to protect against transmissible gastroenteritis coronavirus. <i>Veterinary Microbiology</i> , 1992, 33, 249-262.	0.8	27
28	Development of a new noncytopathic Semliki Forest virus vector providing high expression levels and stability. <i>Virology</i> , 2008, 376, 242-251.	1.1	23
29	A continuous epitope from transmissible gastroenteritis virus S protein fused to <i>E. coli</i> heat-labile toxin B subunit expressed by attenuated <i>Salmonella</i> induces serum and secretory immunity. <i>Virus Research</i> , 1996, 41, 1-9.	1.1	21
30	Eradication of Liver-Implanted Tumors by Semliki Forest Virus Expressing IL-12 Requires Efficient Long-Term Immune Responses. <i>Journal of Immunology</i> , 2013, 190, 2994-3004.	0.4	21
31	Biodistribution and Tumor Infectivity of Semliki Forest Virus Vectors in Mice: Effects of Readministration. <i>Molecular Therapy</i> , 2007, 15, 2164-2171.	3.7	19
32	A Semliki Forest virus vector engineered to express IFN $\gamma$ induces efficient elimination of established tumors. <i>Gene Therapy</i> , 2012, 19, 271-278.	2.3	19
33	Capsid-deficient alphaviruses generate propagative infectious microvesicles at the plasma membrane. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3897-3916.	2.4	19
34	A novel system for the production of high levels of functional human therapeutic proteins in stable cells with a Semliki Forest virus noncytopathic vector. <i>New Biotechnology</i> , 2010, 27, 138-148.	2.4	17
35	Transcriptomic Effects of Tet-On and Mifepristone-Inducible Systems in Mouse Liver. <i>Human Gene Therapy</i> , 2008, 19, 1233-1248.	1.4	16
36	Short-Term Intratumoral Interleukin-12 Expressed from an Alphaviral Vector Is Sufficient to Induce an Efficient Antitumoral Response Against Spontaneous Hepatocellular Carcinomas. <i>Human Gene Therapy</i> , 2014, 25, 132-143.	1.4	15

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37	A Simple and Efficient In Vivo Non-viral RNA Transfection Method for Labeling the Whole Axonal Tree of Individual Adult Long-Range Projection Neurons. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 27.	0.9	15
38	Long-Term Systemic Expression of a Novel PD-1 Blocking Nanobody from an AAV Vector Provides Antitumor Activity without Toxicity. <i>Biomedicines</i> , 2020, 8, 562.	1.4	13
39	Characterization of transmissible gastroenteritis coronavirus S protein expression products in avirulent <i>S. typhimurium</i> $\beta^{\text{cya}}$ $\beta^{\text{crp}}$ : persistence, stability and immune response in swine. <i>Veterinary Microbiology</i> , 1996, 48, 87-100.	0.8	12
40	Heme oxygenase-1 inducer hemin does not inhibit SARS-CoV-2 virus infection. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111384.	2.5	12
41	Preclinical evaluation of a synthetic peptide vaccine against SARS-CoV-2 inducing multi-epitopic and cross-reactive humoral neutralizing and cellular CD4 and CD8 responses. <i>Emerging Microbes and Infections</i> , 2021, 10, 1931-1946.	3.0	11
42	A simple and efficient method for the production of human glycosylated glial cell line-derived neurotrophic factor using a Semliki Forest virus expression system. <i>International Journal of Pharmaceutics</i> , 2013, 440, 19-26.	2.6	9
43	Alphavirus vectors: from protein production to gene therapy. <i>Gene Therapy and Regulation</i> , 2000, 1, 33-63.	0.3	8
44	Virotherapy, gene transfer and immunostimulatory monoclonal antibodies. <i>Oncolmmunology</i> , 2012, 1, 1344-1354.	2.1	8
45	A Small Virus to Deliver Small Antibodies: New Targeted Therapies Based on AAV Delivery of Nanobodies. <i>Microorganisms</i> , 2021, 9, 1956.	1.6	8
46	A quick and efficient method to generate mammalian stable cell lines based on a novel inducible alphavirus DNA/RNA layered system. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4637-4651.	2.4	6
47	Adenovirus-Mediated Inducible Expression of a PD-L1 Blocking Antibody in Combination with Macrophage Depletion Improves Survival in a Mouse Model of Peritoneal Carcinomatosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4176.	1.8	6
48	A Proteomic Atlas of Lineage and Cancer-Polarized Expression Modules in Myeloid Cells Modeling Immunosuppressive Tumor-Infiltrating Subsets. <i>Journal of Personalized Medicine</i> , 2021, 11, 542.	1.1	6
49	Recent Patents on Alphavirus Protein Expression and Vector Production. <i>Recent Patents on Biotechnology</i> , 2011, 5, 212-226.	0.4	5
50	The immunological profile of tumor-bearing animals determines the outcome of cancer immunotherapy. <i>Oncolmmunology</i> , 2013, 2, e24499.	2.1	4
51	Neurotropic alphaviruses can propagate without capsid. <i>Oncotarget</i> , 2017, 8, 8999-9000.	0.8	4
52	Gene therapy for HCV/HBV-induced hepatocellular carcinoma. <i>Current Opinion in Investigational Drugs</i> , 2010, 11, 1368-77.	2.3	3
53	Gene Therapy for Acquired and Genetic Cholestasis. <i>Biomedicines</i> , 2022, 10, 1238.	1.4	3
54	Structure and Encapsidation of Transmissible Gastroenteritis Coronavirus (TGEV) Defective Interfering Genomes. <i>Advances in Experimental Medicine and Biology</i> , 1995, 380, 583-589.	0.8	2

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55	A minimal bile salt excretory pump promoter allows bile acid-driven physiological regulation of transgene expression from a gene therapy vector. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	2
56	Optimization of a GDNF production method based on Semliki Forest virus vector. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105726.	1.9	1
57	Idiotypic vaccines produced with a non-cytopathic alphavirus self-amplifying RNA vector induce antitumor responses in a murine model of B-cell lymphoma. <i>Scientific Reports</i> , 2021, 11, 21427.	1.6	1
58	Induction of an Immune Response to Transmissible Gastroenteritis Coronavirus Using Vectors with Enteric Tropism. <i>Advances in Experimental Medicine and Biology</i> , 1994, 342, 455-462.	0.8	0