

Emanuela Signori

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7317752/publications.pdf>

Version: 2024-02-01

63
papers

3,442
citations

257357
24
h-index

143943
57
g-index

67
all docs

67
docs citations

67
times ranked

6604
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. <i>Seminars in Cancer Biology</i> , 2015, 35, S185-S198.	4.3	1,122
2	The AOM/DSS murine model for the study of colon carcinogenesis: From pathways to diagnosis and therapy studies. <i>Journal of Carcinogenesis</i> , 2011, 10, 9.	2.5	446
3	Optimisation of electrotransfer of plasmid into skeletal muscle by pretreatment with hyaluronidase “increased expression with reduced muscle damage. <i>Gene Therapy</i> , 2001, 8, 1264-1270.	2.3	235
4	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	4.3	220
5	Electrochemotherapy of tumors as in situ vaccination boosted by immunogene electrotransfer. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1315-1327.	2.0	134
6	The Fragile X Protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2013, 5, 1523-1536.	3.3	106
7	A somatic mutation in the 5'UTR of BRCA1 gene in sporadic breast cancer causes down-modulation of translation efficiency. <i>Oncogene</i> , 2001, 20, 4596-4600.	2.6	83
8	Electroporation of skeletal muscle induces danger signal release and antigen-presenting cell recruitment independently of DNA vaccine administration. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1645-1657.	1.4	71
9	Dysregulation of EGFR Pathway in EphA2 Cell Subpopulation Significantly Associates with Poor Prognosis in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 159-170.	3.2	65
10	Genomic instability and increased expression of BUB1B and MAD2L1 genes in ductal breast carcinoma. <i>Cancer Letters</i> , 2007, 254, 298-307.	3.2	50
11	Novel insights into Notum and glypicans regulation in colorectal cancer. <i>Oncotarget</i> , 2015, 6, 41237-41257.	0.8	50
12	Current understanding and clinical utility of miRNAs regulation of colon cancer stem cells. <i>Seminars in Cancer Biology</i> , 2018, 53, 232-247.	4.3	46
13	Alternative BCR/ABL Splice Variants in Philadelphia Chromosome “Positive Leukemias Result in Novel Tumor-Specific Fusion Proteins that May Represent Potential Targets for Immunotherapy Approaches. <i>Cancer Research</i> , 2007, 67, 5300-5307.	0.4	43
14	A combined analytical approach reveals novel EXT1/2 gene mutations in a large cohort of Italian multiple osteochondromas patients. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 470-477.	1.5	43
15	DNA vaccination strategies for anti-tumour effective gene therapy protocols. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1583-1591.	2.0	40
16	Tissue damage modeling in gene electrotransfer: The role of pH. <i>Bioelectrochemistry</i> , 2014, 100, 105-111.	2.4	38
17	Application of Electroporation in DNA Vaccination Protocols. <i>Current Gene Therapy</i> , 2010, 10, 281-286.	0.9	36
18	Simple and Effective Determination of Apolipoprotein E Genotypes by Positive/Negative Polymerase Chain Reaction Products. <i>Diagnostic Molecular Pathology</i> , 2006, 15, 180-185.	2.1	34

#	ARTICLE	IF	CITATIONS
19	EphB2 stem-related and EphA2 progression-related miRNA-based networks in progressive stages of CRC evolution: clinical significance and potential miRNA drivers. <i>Molecular Cancer</i> , 2018, 17, 169.	7.9	34
20	Adjuvants in vaccines and for immunisation: current trends. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1551-1562.	1.4	29
21	Increased spermine oxidase (SMO) activity as a novel differentiation marker of myogenic C2C12 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 934-944.	1.2	29
22	Gene Electrotransfer of Plasmid-Encoding IL-12 Recruits the M1 Macrophages and Antigen-Presenting Cells Inducing the Eradication of Aggressive B16F10 Murine Melanoma. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	27
23	Electroporation in DNA Vaccination Protocols Against Cancer. <i>Current Drug Metabolism</i> , 2013, 14, 291-299.	0.7	27
24	<i>Mycobacterium smegmatis</i> Expressing a Chimeric Protein MPT64-Proteolipid Protein (PLP) 139â€“151 Reorganizes the PLP-Specific T Cell Repertoire Favoring a CD8-Mediated Response and Induces a Relapsing Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2010, 184, 222-235.	0.4	26
25	Cost-effective and disposable label-free voltammetric immunosensor for sensitive detection of interleukin-6. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114467.	5.3	24
26	DNA end binding activity and Ku70/80 heterodimer expression in human colorectal tumor. <i>World Journal of Gastroenterology</i> , 2005, 11, 6694.	1.4	23
27	Treatment of severe hypercholesterolemia in apolipoprotein E-deficient mice by intramuscular injection of plasmid DNA. <i>Gene Therapy</i> , 2000, 7, 1795-1801.	2.3	22
28	Anti-tumor immunity induced by CDR3-based DNA vaccination in a murine B-cell lymphoma model. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 279-284.	1.0	22
29	Feasibility of in utero DNA vaccination following naked gene transfer into pig fetal muscle: Transgene expression, immunity and safety. <i>Vaccine</i> , 2006, 24, 4586-4591.	1.7	21
30	Electrochemotherapy in treatment of canine oral malignant melanoma and factors influencing treatment outcome. <i>Radiology and Oncology</i> , 2020, 54, 68-78.	0.6	21
31	Growth inhibition and differentiation induction in murine erythroleukemia cells by 4-hydroxynonenal. <i>Free Radical Research</i> , 2001, 34, 629-637.	1.5	19
32	Strategies for Effective Naked-DNA Vaccination Against Infectious Diseases. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2008, 3, 93-101.	0.5	18
33	Antibodies elicited by naked DNA vaccination against the complementary-determining region 3 hypervariable region of immunoglobulin heavy chain idiotype determinants of B-lymphoproliferative disorders specifically react with patients' tumor cells. <i>Cancer Research</i> , 2001, 61, 1555-62.	0.4	17
34	The Efficiency of Gene Electrotransfer in Breast-Cancer Cell Lines Cultured on a Novel Collagen-Free 3D Scaffold. <i>Cancers</i> , 2020, 12, 1043.	1.7	16
35	Gene electrotransfer of IL-2 and IL-12 plasmids effectively eradicated murine B16.F10 melanoma. <i>Bioelectrochemistry</i> , 2021, 141, 107843.	2.4	16
36	Immune response at birth, long-term immune memory and 2 years follow-up after in-utero anti-HBV DNA immunization. <i>Gene Therapy</i> , 2004, 11, 544-551.	2.3	15

#	ARTICLE	IF	CITATIONS
37	Genetic Immunization with CDR3-Based Fusion Vaccine Confers Protection and Long-Term Tumor-Free Survival in a Mouse Model of Lymphoma. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	15
38	Electroporation as the Immunotherapy Strategy for Cancer in Veterinary Medicine: State of the Art in Latin America. <i>Vaccines</i> , 2020, 8, 537.	2.1	15
39	Lack of association between genetic variants in the mannose-binding lectin 2 (MBL2) gene and HPV infection. <i>European Journal of Epidemiology</i> , 2007, 22, 159-162.	2.5	13
40	Hyaluronidase Contributes to Early Inflammatory Events Induced by Electrotransfer in Mouse Skeletal Muscle. <i>Human Gene Therapy</i> , 2013, 24, 406-416.	1.4	13
41	In Vivo Evaluation of a New Recombinant Hyaluronidase to Improve Gene Electro-Transfer Protocols for DNA-Based Drug Delivery against Cancer. <i>Cancers</i> , 2018, 10, 405.	1.7	13
42	Expression and heterodimer-binding activity of Ku70 and Ku80 in human non-melanoma skin cancer. <i>Journal of Clinical Pathology</i> , 2006, 59, 1181-1185.	1.0	12
43	An inverse-designed electrochemical platform for analytical applications. <i>Electrochemistry Communications</i> , 2020, 121, 106862.	2.3	12
44	Recent Advances in Epitope Design for Immunotherapy of Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 227-240.	0.8	11
45	pH fronts and tissue natural buffer interaction in gene electrotransfer protocols. <i>Electrochimica Acta</i> , 2017, 255, 463-471.	2.6	10
46	Evaluation of antigen specific recognition and cell mediated cytotoxicity by a modified lysis spot assay in a rat colon carcinoma model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 9.	3.5	9
47	Development of a multigenic plasmid vector for HCV DNA immunization. <i>Research in Virology</i> , 1998, 149, 315-319.	0.7	7
48	A Novel 3D Scaffold for Cell Growth to Assess Electroporation Efficacy. <i>Cells</i> , 2019, 8, 1470.	1.8	7
49	A Plasmid Family Containing Two Different Expression Cassettes Suitable for Immunomodulation and Genetic Immunization. <i>Plasmid</i> , 1998, 40, 84-89.	0.4	6
50	BCR/ABL1 Fusion Transcripts Generated from Alternative Splicing: Implications for Future Targeted Therapies in Ph+ Leukaemias. <i>Current Molecular Medicine</i> , 2012, 12, 547-565.	0.6	6
51	Clinical Applications and Immunological Aspects of Electroporation-Based Therapies. <i>Vaccines</i> , 2021, 9, 727.	2.1	6
52	ApoE gene delivery inhibits severe hypercholesterolemia in newborn ApoE-KO mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 543-548.	1.0	5
53	Numerical optimization of plasmid DNA delivery combined with hyaluronidase injection for electroporation protocol. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 186, 105204.	2.6	5
54	Gene Therapy: The Role of Cytoskeleton in Gene Transfer Studies Based on Biology and Mathematics. <i>Current Gene Therapy</i> , 2014, 14, 121-127.	0.9	3

#	ARTICLE	IF	CITATIONS
55	Predictable Animal Models for Translational Electroporation-Based Cancer Immunotherapy Studies. , 2016, , 1-21.		1
56	Intramuscular DNA Vaccination Protocols Mediated by Electric Fields. Methods in Molecular Biology, 2014, , 1121, 315-324.	0.4	1
57	DNA Vaccination by Electroporation Transfer. , 2011, , .		0
58	Erratum to “DNA vaccines for B-cell lymphomas: Towards personalised medicine and tailored drugs” [J. Biotechnol. 150S (2010) S99–S100]. Journal of Biotechnology, 2012, 160, 273.	1.9	0
59	The Fragile X Protein binds mRNA s involved in cancer progression and modulates metastasis formation. EMBO Molecular Medicine, 2014, 6, 567-568.	3.3	0
60	Strategies for Effective Naked-DNA Vaccination Against Infectious Diseases. , 2012, , 1-16.		0
61	Strategies to Elicit Anti-Idiotypic Immune Response in B-Lymphoma Patients. Advances in Experimental Medicine and Biology, 1998, 451, 323-330.	0.8	0
62	Predictable Animal Models for Translational Electroporation-Based Cancer Immunotherapy Studies. , 2017, , 1601-1621.		0
63	Abstract 4296: The EphA2/EGFR pathway dysregulation associates with poor prognosis and cetuximab treatment response in colorectal cancer. , 2020, , .		0