Louis D Falo

List of Publications by Year
in descending order

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53 papers	3,120 citations	257357 24 h-index	175177 52 g-index
53 all docs	53 docs citations	53 times ranked	4180 citing authors

#	Article	IF	Citations
1	DNAâ€“based immunization by in vivo transfection of dendritic cells. Nature Medicine, 1996, 2, 1122-1128.	15.2	814
2	Microneedle array delivered recombinant coronavirus vaccines: Immunogenicity and rapid translational development. EBioMedicine, 2020, 55, 102743.	2.7	304
3	Dermal-resident CD14+ cells differentiate into Langerhans cells. Nature Immunology, 2001, 2, 1151-1158.	7.0	200
4	Skin-Derived Dendritic Cells Induce Potent CD8+ T Cell Immunity in Recombinant Lentivector-Mediated Genetic Immunization. Immunity, 2006, 24, 643-656.	6.6	178
5	Dissolvable Microneedle Arrays for Intradermal Delivery of Biologics: Fabrication and Application. Pharmaceutical Research, 2014, 31, 117-135.	1.7	111
6	Preventative Vaccines for Zika Virus Outbreak: Preliminary Evaluation. EBioMedicine, 2016, 13, 315-320.	2.7	104
7	Systemic administration of LPD prepared with CpG oligonucleotides inhibits the growth of established pulmonary metastases by stimulating innate and acquired antitumor immune responses. Cancer Immunology, Immunotherapy, 2001, 50, 503-514.	2.0	100
8	CD4+ T Cell Responses Elicited by Different Subsets of Human Skin Migratory Dendritic Cells. Journal of Immunology, 2005, 175, 7905-7915.	0.4	99
9	Signaling through Purinergic Receptors for ATP Induces Human Cutaneous Innate and Adaptive Th17 Responses: Implications in the Pathogenesis of Psoriasis. Journal of Immunology, 2013, 190, 4324-4336.	0.4	94
10	Changing Paradigms in Cutaneous Immunology: Adapting with Dendritic Cells. Journal of Investigative Dermatology, 2005, 124, 1-12.	0.3	81
11	Dissolving undercut microneedle arrays for multicomponent cutaneous vaccination. Journal of Controlled Release, 2020, 317, 336-346.	4.8	81
12	Targeting Mitochondrial Oxidative Stress to Mitigate UV-Induced Skin Damage. Frontiers in Pharmacology, 2018, 9, 920.	1.6	67
13	Therapeutic intradermal delivery of tumor necrosis factor-alpha antibodies using tip-loaded dissolvable microneedle arrays. Acta Biomaterialia, 2015, 24, 96-105.	4.1	61
14	Role of infectious agents in cutaneous T-cell lymphoma: Facts and controversies. Clinics in Dermatology, 2013, 31, 423-431.	0.8	57
15	Microarray patches enable the development of skin-targeted vaccines against COVID-19. Advanced Drug Delivery Reviews, 2021, 171, 164-186.	6.6	45
16	Regression of Human Mammary Adenocarcinoma by Systemic Administration of a Recombinant Gene Encoding the hFlex-TRAIL Fusion Protein. Molecular Therapy, 2001, 3, 368-374.	3.7	44
17	DNA immunisation: altering the cellular localisation of expressed protein and the immunisation route allows manipulation of the immune response. Vaccine, 2004, 22, 447-456.	1.7	44
18	In vivo induction of regulatory T cells promotes allergen tolerance and suppresses allergic contact dermatitis. Journal of Controlled Release, 2017, 261, 223-233.	4.8	44

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19	Interplay between Keratinocytes and Myeloid Cells Drives Dengue Virus Spread in Human Skin. Journal of Investigative Dermatology, 2018, 138, 618-626.	0.3	44
20	Utilization of Asynchronous and Synchronous Teledermatology in a Large Health Care System During the COVID-19 Pandemic. Telemedicine Journal and E-Health, 2021, 27, 771-777.	1.6	44
21	Tip-Loaded Dissolvable Microneedle Arrays Effectively Deliver Polymer-Conjugated Antibody Inhibitors of Tumor-Necrosis-Factor-Alpha Into Human Skin. Journal of Pharmaceutical Sciences, 2016, 105, 3453-3457.	1.6	37
22	A Topical Mitochondria-Targeted Redox-Cycling Nitroxide Mitigates Oxidative Stress-Induced Skin Damage. Journal of Investigative Dermatology, 2017, 137, 576-586.	0.3	37
23	Genetic Vaccines To Potentiate the Effective CD103+ Dendritic Cellâ€“Mediated Cross-Priming of Antitumor Immunity. Journal of Immunology, 2015, 194, 5937-5947.	0.4	35
24	A single subcutaneous or intranasal immunization with adenovirusâ€based SARSâ€CoVâ€2 vaccine induces robust humoral and cellular immune responses in mice. European Journal of Immunology, 2021, 51, 1774-1784.	1.6	30
25	Dysregulation of the TOX-RUNX3 pathway in cutaneous T-cell lymphoma. Oncotarget, 2019, 10, 3104-3113.	0.8	26
26	Highly efficient expression of transgenic proteins by naked DNA-transfected dendritic cells through terminal differentiation. Blood, 2004, 103, 811-819.	0.6	24
27	Neurokinin-1 Receptor Signaling Is Required for Efficient Ca2+ Flux in T-Cell-Receptor-Activated T Cells. Cell Reports, 2020, 30, 3448-3465.e8.	2.9	24
28	Recombinant lentivector as a genetic immunization vehicle for antitumor immunity. Expert Review of Vaccines, 2007, 6, 913-924.	2.0	23
29	Therapeutic reduction of cell-mediated immunosuppression in mycosis fungoides and SÃ©zary syndrome. Cancer Immunology, Immunotherapy, 2018, 67, 423-434.	2.0	23
30	Three antigen-loading methods in dendritic cell vaccines for metastatic melanoma. Melanoma Research, 2018, 28, 211-221.	0.6	21
31	Improved Cutaneous Genetic Immunization by Microneedle Array Delivery of an Adjuvanted Adenovirus Vaccine. Journal of Investigative Dermatology, 2020, 140, 2528-2531.e2.	0.3	21
32	Extracellular ATP and IL-23 Form a Local Inflammatory Circuit Leading to the Development of a Neutrophil-Dependent Psoriasiform Dermatitis. Journal of Investigative Dermatology, 2018, 138, 2595-2605.	0.3	20
33	Generating and Regulating Immune Responses through Cutaneous Gene Delivery. Human Gene Therapy, 2000, 11, 2301-2305.	1.4	18
34	Inpatient eDermatology (Teledermatology) Can Help Meet the Demand for Inpatient Skin Disease. Telemedicine Journal and E-Health, 2020, 26, 872-878.	1.6	18
35	3D printing of microneedle arrays: challenges towards clinical translation. Journal of 3D Printing in Medicine, 2021, 5, 65-70.	1.0	16
36	Dendritic cell-derived interleukin-15 is crucial for therapeutic cancer vaccine potency. OncoImmunology, 2014, 3, e959321.	2.1	15

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37	Emerging skin-targeted drug delivery strategies to engineer immunity: A focus on infectious diseases. Expert Opinion on Drug Delivery, 2021, 18, 151-167.	2.4	15
38	Intratumoral delivery of tumor antigen-loaded DC and tumor-primed CD4⁺ T cells combined with agonist Î±-GITR mAb promotes durable CD8⁺ T-cell-dependent antitumor immunity. OncoImmunology, 2017, 6, e1315487.	2.1	12
39	Topical electrophilic nitro-fatty acids potentiate cutaneous inflammation. Free Radical Biology and Medicine, 2018, 115, 31-42.	1.3	11
40	Electrophilic nitro-fatty acids suppress psoriasiform dermatitis: STAT3 inhibition as a contributory mechanism. Redox Biology, 2021, 43, 101987.	3.9	11
41	Microfluidic Systems For Manufacturing of Microparticle-Based Drug-Delivery Systems: Design, Construction, and Operation. ACS Biomaterials Science and Engineering, 2022, 8, 2864-2877.	2.6	11
42	Tumor-derived high-mobility group box 1 and thymic stromal lymphopoietin are involved in modulating dendritic cells to activate T regulatory cells in a mouse model. Cancer Immunology, Immunotherapy, 2018, 67, 353-366.	2.0	10
43	Evaluation of Different Formulations and Routes for the Delivery of the Ionizing Radiation Mitigator GS-Nitroxide (JP4-039). In Vivo, 2018, 32, 1009-1023.	0.6	8
44	Response: â€œDistinguishing Stevens-Johnson syndrome/toxic epidermal necrolysis from clinical mimickers during inpatient dermatologic consultationâ€”A retrospective chart reviewâ€• Journal of the American Academy of Dermatology, 2020, 82, e111-e112.	0.6	6
45	Spherical Nucleic Acids as Emerging Topical Therapeutics: A Focus on Psoriasis. Journal of Investigative Dermatology, 2020, 140, 278-281.	0.3	6
46	Ethanol consumption synergistically increases ultraviolet radiation induced skin damage and immune dysfunction. Journal of Dermatological Science, 2021, 101, 40-48.	1.0	6
47	Skin codelivery of contact sensitizers and neurokinin-1 receptor antagonists integrated in microneedle arrays suppresses allergic contact dermatitis. Journal of Allergy and Clinical Immunology, 2022, 150, 114-130.	1.5	6
48	Advances in skin science enable the development of a COVID-19 vaccine. Journal of the American Academy of Dermatology, 2020, 83, 1226-1227.	0.6	5
49	Skin Immunization Obviates Alcohol-Related Immune Dysfunction. Biomolecules, 2015, 5, 3009-3028.	1.8	3
50	â€œTollâ€•erance in the Skin. Immunity, 2014, 41, 677-679.	6.6	2
51	Skin immunization for effective treatment of multifocal melanoma refractory to PD1 blockade and Braf inhibitors. , 2021, 9, e001179.		2
52	Interferon-Î±2b-induced STAT3 suppression in myeloid-derived suppressor cells in mycosis fungoides. Cancer Immunology, Immunotherapy, 2018, 67, 1177-1178.	2.0	1
53	Research Techniques Made Simple: Skin-Targeted DrugÂand Vaccine Delivery Using Dissolvable Microneedle Arrays. Journal of Investigative Dermatology, 2021, 141, 2549-2557.e1.	0.3	1