Bernard Verrier

List of Publications by Year
in descending order

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45 papers	2,146 citations	236612 25 h-index	233125 45 g-index
45 all docs	45 docs citations	45 times ranked	3118 citing authors

#	Article	IF	Citations
1	A Polylactide-Based Micellar Adjuvant Improves the Intensity and Quality of Immune Response. Pharmaceutics, 2022, 14, 107.	2.0	3
2	Comparison of Physicochemical Properties of LipoParticles as mRNA Carrier Prepared by Automated Microfluidic System and Bulk Method. Pharmaceutics, 2022, 14, 1297.	2.0	2
3	Design and Evaluation of Autophagy-Inducing Particles for the Treatment of Abnormal Lipid Accumulation. Pharmaceutics, 2022, 14, 1379.	2.0	4
4	Biodistribution of surfactant-free poly(lactic-acid) nanoparticles and uptake by endothelial cells and phagocytes in zebrafish: Evidence for endothelium to macrophage transfer.. Journal of Controlled Release, 2021, 331, 228-245.	4.8	8
5	Seaweed Sulfated Polysaccharides against Respiratory Viral Infections. Pharmaceutics, 2021, 13, 733.	2.0	15
6	Autophagy and Mitophagy-Related Pathways at the Crossroads of Genetic Pathways Involved in Familial Sarcoidosis and Host-Pathogen Interactions Induced by Coronaviruses. Cells, 2021, 10, 1995.	1.8	9
7	Combining an optimized mRNA template with a double purification process allows strong expression of inÂvitro transcribed mRNA. Molecular Therapy - Nucleic Acids, 2021, 26, 945-956.	2.3	21
8	Tailoring mRNA Vaccine to Balance Innate/Adaptive Immune Response. Trends in Molecular Medicine, 2020, 26, 311-323.	3.5	203
9	Polylactide-Based Reactive Micelles as a Robust Platform for mRNA Delivery. Pharmaceutical Research, 2020, 37, 30.	1.7	31
10	New chimeric TLR7/NOD2 agonist is a potent adjuvant to induce mucosal immune responses. EBioMedicine, 2020, 58, 102922.	2.7	19
11	Development of an antibacterial nanocomposite hydrogel for human dental pulp engineering. Journal of Materials Chemistry B, 2020, 8, 8422-8432.	2.9	29
12	Molecular modelling of TLR agonist Pam3CSK4 entrapment in PLA nanoparticles as a tool to explain loading efficiency and functionality. International Journal of Pharmaceutics, 2019, 568, 118569.	2.6	11
13	Self-assembled amphiphilic copolymers as dual delivery system for immunotherapy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 232-239.	2.0	10
14	Recombinant Haemagglutinin Derived From the Ciliated Protozoan Tetrahymena thermophila Is Protective Against Influenza Infection. Frontiers in Immunology, 2019, 10, 2661.	2.2	2
15	Poly(lactic acid) nanoparticles and cell-penetrating peptide potentiate mRNA-based vaccine expression in dendritic cells triggering their activation. Biomaterials, 2019, 195, 23-37.	5.7	132
16	Cutting Edge: A Dual TLR2 and TLR7 Ligand Induces Highly Potent Humoral and Cell-Mediated Immune Responses. Journal of Immunology, 2017, 198, 4205-4209.	0.4	34
17	Improving bioassay sensitivity through immobilization of bio-probes onto reactive micelles. Chemical Communications, 2017, 53, 8062-8065.	2.2	5
18	Antibiotic incorporation in jet-sprayed nanofibrillar biodegradable scaffolds for wound healing. International Journal of Pharmaceutics, 2017, 532, 802-812.	2.6	18

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19	Biodegradable Polymeric Nanoparticles-Based Vaccine Adjuvants for Lymph Nodes Targeting. Vaccines, 2016, 4, 34.	2.1	101
20	Triggering Intracellular Receptors for Vaccine Adjuvantation. Trends in Immunology, 2016, 37, 573-587.	2.9	54
21	First Membrane Proximal External Regionâ€“Specific Anti-HIV1 Broadly Neutralizing Monoclonal IgA1 Presenting Short CDRH3 and Low Somatic Mutations. Journal of Immunology, 2016, 197, 1979-1988.	0.4	1
22	Delivery of antigen to nasal-associated lymphoid tissue microfold cells through secretory IgA targeting local dendritic cells confers protective immunity. Journal of Allergy and Clinical Immunology, 2016, 137, 214-222.e2.	1.5	30
23	Controlled association and delivery of nanoparticles from jet-sprayed hybrid microfibrillar matrices. Colloids and Surfaces B: Biointerfaces, 2016, 140, 142-149.	2.5	10
24	Directing vaccine immune responses to mucosa by nanosized particulate carriers encapsulating NOD ligands. Biomaterials, 2016, 75, 327-339.	5.7	43
25	Micelle-Based Adjuvants for Subunit Vaccine Delivery. Vaccines, 2015, 3, 803-813.	2.1	51
26	Preparation and In Vitro Evaluation of Imiquimod Loaded Polylactide-based Micelles as Potential Vaccine Adjuvants. Pharmaceutical Research, 2015, 32, 311-320.	1.7	31
27	Poly(lactic acid) and poly(lactic-co-glycolic acid) particles as versatile carrier platforms for vaccine delivery. Nanomedicine, 2014, 9, 2703-2718.	1.7	98
28	Loading dendritic cells with PLA-p24 nanoparticles or MVA expressing HIV genes induces HIV-1-specific T cell responses. Vaccine, 2014, 32, 6266-6276.	1.7	20
29	Cutting Edge: New Chimeric NOD2/TLR2 Adjuvant Drastically Increases Vaccine Immunogenicity. Journal of Immunology, 2014, 193, 5781-5785.	0.4	59
30	Particle-based transcutaneous administration of HIV-1 p24 protein to human skin explants and targeting of epidermal antigen presenting cells. Journal of Controlled Release, 2014, 176, 115-122.	4.8	25
31	Encapsulation of Nod1 and Nod2 receptor ligands into poly(lactic acid) nanoparticles potentiates their immune properties. Journal of Controlled Release, 2013, 167, 60-67.	4.8	79
32	Secretory IgA specific for MPER can protect from HIV-1 infection in vitro. Aids, 2013, 27, 1992-1995.	1.0	12
33	Elaboration of Glycopolymer-Functionalized Micelles from anN-Vinylpyrrolidone/Lactide-Based Reactive Copolymer Platform. Macromolecular Bioscience, 2013, 13, 1213-1220.	2.1	24
34	Generation of HIV-1 potent and broad neutralizing antibodies by immunization with postfusion HR1/HR2 complex. Aids, 2013, 27, 717-730.	1.0	14
35	Intradermal Immunization Triggers Epidermal Langerhans Cell Mobilization Required for CD8 T-Cell Immune Responses. Journal of Investigative Dermatology, 2012, 132, 615-625.	0.3	61
36	Neutrophils Transport Antigen from the Dermis to the Bone Marrow, Initiating a Source of Memory CD8+ T Cells. Immunity, 2012, 37, 917-929.	6.6	160

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37	Stability of polylactic acid particles and release of fluorochromes upon topical application on human skin explants. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 76-84.	2.0	32
38	Targeting of HIV-p24 particle-based vaccine into differential skin layers induces distinct arms of the immune responses. Vaccine, 2011, 29, 6379-6391.	1.7	57
39	Elaboration of densely functionalized polylactide nanoparticles from Nâ€acryloxysuccinimideâ€based block copolymers. Journal of Polymer Science Part A, 2011, 49, 1341-1350.	2.5	22
40	Investigation of Polylactic Acid (PLA) Nanoparticles as Drug Delivery Systems for Local Dermatotherapy. Pharmaceutical Research, 2009, 26, 2027-2036.	1.7	208
41	Nanoparticle-Based Targeting of Vaccine Compounds to Skin Antigen-Presenting Cells By Hair Follicles and their Transport in Mice. Journal of Investigative Dermatology, 2009, 129, 1156-1164.	0.3	114
42	Dendritic cells loaded with HIV-1 p24 proteins adsorbed on surfactant-free anionic PLA nanoparticles induce enhanced cellular immune responses against HIV-1 after vaccination. Vaccine, 2009, 27, 5284-5291.	1.7	57
43	Formulation of HIV-1 Tat and p24 antigens by PLA nanoparticles or MF59 impacts the breadth, but not the magnitude, of serum and faecal antibody responses in rabbits. Vaccine, 2007, 25, 7491-7501.	1.7	37
44	Surfactant-free anionic PLA nanoparticles coated with HIV-1 p24 protein induced enhanced cellular and humoral immune responses in various animal models. Journal of Controlled Release, 2006, 112, 175-185.	4.8	117
45	Coadsorption of HIV-1 p24 and gp120 proteins to surfactant-free anionic PLA nanoparticles preserves antigenicity and immunogenicity. Journal of Controlled Release, 2006, 115, 57-67.	4.8	73