Sue D Xiang

List of Publications by Year
in descending order

46 papers	2,028 citations	361045 20 h-index	264894 42 g-index
46 all docs	46 docs citations	46 times ranked	3158 citing authors

#	Article	IF	Citations
1	Low-Temperature Synthesis of Hollow Î²-Tricalcium Phosphate Particles for Bone Tissue Engineering Applications. ACS Biomaterials Science and Engineering, 2022, , .	2.6	2
2	Functional Recognition by CD8+ T Cells of Epitopes with Amino Acid Variations Outside Known MHC Anchor or T Cell Receptor Recognition Residues. International Journal of Molecular Sciences, 2020, 21, 4700.	1.8	2
3	Pullulan-Coated Iron Oxide Nanoparticles for Blood-Stage Malaria Vaccine Delivery. Vaccines, 2020, 8, 651.	2.1	7
4	A Synthetic Nanoparticle Based Vaccine Approach Targeting MSP4/5 Is Immunogenic and Induces Moderate Protection Against Murine Blood-Stage Malaria. Frontiers in Immunology, 2019, 10, 331.	2.2	21
5	Design of Peptide-Based Nanovaccines Targeting Leading Antigens From Gynecological Cancers to Induce HLA-A2.1 Restricted CD8+ T Cell Responses. Frontiers in Immunology, 2018, 9, 2968.	2.2	23
6	Sperm Protein 17 Expression by Murine Epithelial Ovarian Cancer Cells and Its Impact on Tumor Progression. Cancers, 2018, 10, 276.	1.7	11
7	Immunotherapeutic Interleukin-6 or Interleukin-6 Receptor Blockade in Cancer: Challenges and Opportunities. Current Medicinal Chemistry, 2018, 25, 4785-4806.	1.2	80
8	Engineered Hydrogen-Bonded Glycopolymer Capsules and Their Interactions with Antigen Presenting Cells. ACS Applied Materials & Interfaces, 2017, 9, 6444-6452.	4.0	15
9	Understanding CD8⁺ Tâ€cell responses toward the native and alternate HLAâ€Aâˆ—02:01â€restricted WT1 epitope. Clinical and Translational Immunology, 2017, 6, e134.	1.7	24
10	Immunological effects among workers who handle engineered nanoparticles. Occupational and Environmental Medicine, 2017, 74, 868-876.	1.3	18
11	Exacerbation of Ventilation-Induced Lung Injury and Inflammation in Preterm Lambs by High-Dose Nanoparticles. Scientific Reports, 2017, 7, 14704.	1.6	5
12	Magnetic Nanovectors for the Development of DNA Blood-Stage Malaria Vaccines. Nanomaterials, 2017, 7, 30.	1.9	17
13	Inflammatory/Noninflammatory Adjuvants and Nanotechnologyâ€"The Secret to Vaccine Design. , 2017, , 99-125.		2
14	Design of nanoparticle structures for cancer immunotherapy. , 2017, , 307-328.		1
15	A Model to Study the Impact of Polymorphism Driven Liver-Stage Immune Evasion by Malaria Parasites, to Help Design Effective Cross-Reactive Vaccines. Frontiers in Microbiology, 2016, 7, 303.	1.5	13
16	Nanoparticles, Immunomodulation and Vaccine Delivery. Frontiers in Nanobiomedical Research, 2016, , 101-127.	0.1	0
17	The Use of Synthetic Carriers in Malaria Vaccine Design. Vaccines, 2015, 3, 894-929.	2.1	22
18	A Nanoparticle Based Sp17 Peptide Vaccine Exposes New Immuno-Dominant and Species Cross-reactive B Cell Epitopes. Vaccines, 2015, 3, 875-893.	2.1	9

#	Article	IF	Citations
19	Montanide, Poly I:C and nanoparticle based vaccines promote differential suppressor and effector cell expansion: a study of induction of CD8 T cells to a minimal Plasmodium berghei epitope. Frontiers in Microbiology, 2015, 6, 29.	1.5	33
20	Nanoparticles modify dendritic cell homeostasis and induce non-specific effects on immunity to malaria. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 70-76.	0.7	11
21	Mapping T and B cell epitopes in sperm protein 17 to support the development of an ovarian cancer vaccine. Vaccine, 2015, 33, 5950-5959.	1.7	9
22	The effects of engineered nanoparticles on pulmonary immune homeostasis. Drug Metabolism Reviews, 2014, 46, 176-190.	1.5	41
23	Design of magnetic polyplexes taken up efficiently by dendritic cell for enhanced DNA vaccine delivery. Gene Therapy, 2014, 21, 212-218.	2.3	40
24	Differential Uptake of Nanoparticles and Microparticles by Pulmonary APC Subsets Induces Discrete Immunological Imprints. Journal of Immunology, 2013, 191, 5278-5290.	0.4	83
25	Methods of effective conjugation of antigens to nanoparticles as non-inflammatory vaccine carriers. Methods, 2013, 60, 232-241.	1.9	42
26	On the efficacy of malaria DNA vaccination with magnetic gene vectors. Journal of Controlled Release, 2013, 168, 10-17.	4.8	18
27	Nanoparticles, Immunomodulation and Vaccine Delivery. Frontiers in Nanobiomedical Research, 2013, , 449-475.	0.1	7
28	EDITORIAL: Nanotechnology and vaccine development: Methods to study and manipulate the interaction of nanoparticles with the immune system. Methods, 2013, 60, 225.	1.9	7
29	The signalling imprints of nanoparticle uptake by bone marrow derived dendritic cells. Methods, 2013, 60, 275-283.	1.9	20
30	Myeloid Derived Suppressor Cells and Their Role in Diseases. Current Medicinal Chemistry, 2013, 20, 1437-1444.	1.2	65
31	Inert 50-nm Polystyrene Nanoparticles That Modify Pulmonary Dendritic Cell Function and Inhibit Allergic Airway Inflammation. Journal of Immunology, 2012, 188, 1431-1441.	0.4	51
32	Substantially Modified Ratios of Effector to Regulatory T Cells During Chemotherapy in Ovarian Cancer Patients Return to Pre-Treatment Levels at Completion: Implications for Immunotherapy. Cancers, 2012, 4, 581-600.	1.7	12
33	Design of Dendritic Cell-targeting Magnetic Polyplexes for Enhanced Malaria DNA Vaccine Delivery. , 2012, , .		0
34	N,Nâ€²-Carbonyldiimidazole-mediated functionalization of superparamagnetic nanoparticles as vaccine carrier. Colloids and Surfaces B: Biointerfaces, 2011, 83, 83-90.	2.5	31
35	Delivery of DNA vaccines: an overview on the use of biodegradable polymeric and magnetic nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 205-218.	3.3	67
36	Methods to measure T-cell responses. Expert Review of Vaccines, 2010, 9, 595-600.	2.0	16

#	Article	IF	Citations
37	Investigation of a novel approach to scoring Giemsa-stained malaria-infected thin blood films. Malaria Journal, 2008, 7, 62.	0.8	21
38	Vaccination against foot-and-mouth disease virus using peptides conjugated to nano-beads. Vaccine, 2008, 26, 2706-2713.	1.7	43
39	Promising particle-based vaccines in cancer therapy. Expert Review of Vaccines, 2008, 7, 1103-1119.	2.0	61
40	Type 1 and 2 Immunity Following Vaccination Is Influenced by Nanoparticle Size:Â Formulation of a Model Vaccine for Respiratory Syncytial Virus. Molecular Pharmaceutics, 2007, 4, 73-84.	2.3	258
41	Pathogen recognition and development of particulate vaccines: Does size matter?. Methods, 2006, 40, 1-9.	1.9	509
42	Methods for nano-particle based vaccine formulation and evaluation of their immunogenicity. Methods, 2006, 40, 20-29.	1.9	81
43	A simple method allowing DIC imaging in conjunction with confocal microscopy. Journal of Microscopy, 2005, 217, 265-274.	0.8	17
44	Vaccines that facilitate antigen entry into dendritic cells. Immunology and Cell Biology, 2004, 82, 506-516.	1.0	181
45	Physiologic Determinants of Endothelin Concentrations in Human Saliva. Clinical Chemistry, 2003, 49, 2012-2019.	1.5	10
46	Tracking membrane and secretory immunoglobulin Î± heavy chain mRNA variation during Bâ€¢cell differentiation by realâ€¢time quantitative polymerase chain reaction. Immunology and Cell Biology, 2001, 79, 472-481.	1.0	22