

Michael A Firer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

1,547
citations

22
h-index

39
g-index

58
ext. papers

1,689
ext. citations

4.7
avg, IF

4.53
L-index

#	Paper	IF	Citations
53	Manifestations of milk allergy in infancy: clinical and immunologic findings. <i>Journal of Pediatrics</i> , 1986 , 109, 270-6	3.6	217
52	Targeted drug delivery for cancer therapy: the other side of antibodies. <i>Journal of Hematology and Oncology</i> , 2012 , 5, 70	22.4	194
51	The solid phase in affinity chromatography: strategies for antibody attachment. <i>Journal of Proteomics</i> , 2001 , 49, 467-80		90
50	Natural history of cow's milk allergy in children: immunological outcome over 2 years. <i>Clinical and Experimental Allergy</i> , 1993 , 23, 124-31	4.1	80
49	Gold nanoparticles stabilize peptide-drug-conjugates for sustained targeted drug delivery to cancer cells. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 34	9.4	64
48	Effect of antigen load on development of milk antibodies in infants allergic to milk. <i>British Medical Journal</i> , 1981 , 283, 693-6		60
47	Recent Innovations in Peptide Based Targeted Drug Delivery to Cancer Cells. <i>Biomedicines</i> , 2016 , 4,	4.8	59
46	Recovery from milk allergy in early childhood: antibody studies. <i>Journal of Pediatrics</i> , 1989 , 114, 761-6	3.6	54
45	Cyt1Aa toxin: crystal structure reveals implications for its membrane-perforating function. <i>Journal of Molecular Biology</i> , 2011 , 413, 804-14	6.5	53
44	Efficient elution of functional proteins in affinity chromatography. <i>Journal of Proteomics</i> , 2001 , 49, 433-42		53
43	High-resolution crystal structure of activated Cyt2Ba monomer from <i>Bacillus thuringiensis</i> subsp. israelensis. <i>Journal of Molecular Biology</i> , 2008 , 380, 820-7	6.5	50
42	Autoantibodies to DNA in multigene families with schizophrenia. <i>Biological Psychiatry</i> , 1993 , 33, 450-5	7.9	43
41	Humoral immune response to cow's milk in children with cow's milk allergy. Relationship to the time of clinical response to cow's milk challenge. <i>International Archives of Allergy and Immunology</i> , 1987 , 84, 173-7	3.7	43
40	Intracellular chemiluminescence activates targeted photodynamic destruction of leukaemic cells. <i>British Journal of Cancer</i> , 2006 , 95, 189-96	8.7	42
39	Synthesis, biological studies and molecular dynamics of new anticancer RGD-based peptide conjugates for targeted drug delivery. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 294-303	3.4	40
38	Anticardiolipin antibodies are elevated in drug-free, multiply affected families with schizophrenia. <i>Journal of Clinical Immunology</i> , 1994 , 14, 73-8	5.7	40
37	Effects of 100 GHz radiation on alkaline phosphatase activity and antigen-antibody interaction. <i>Bioelectromagnetics</i> , 2009 , 30, 167-75	1.6	34

36	Dual-drug RGD conjugates provide enhanced cytotoxicity to melanoma and non-small lung cancer cells. <i>Biopolymers</i> , 2016 , 106, 160-171	2.2	27
35	Intracellular antimicrobial photodynamic therapy: a novel technique for efficient eradication of pathogenic bacteria. <i>Photochemistry and Photobiology</i> , 2010 , 86, 1350-5	3.6	26
34	Immobilization of antibodies onto glass wool. <i>Biomedical Applications</i> , 2000 , 738, 217-23		25
33	Specific targeting to murine myeloma cells of Cyt1Aa toxin from <i>Bacillus thuringiensis</i> subspecies israelensis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 28301-28308	5.4	22
32	Increased anti-Sm antibodies in schizophrenic patients and their families. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1993 , 17, 793-800	5.5	22
31	"Switch off/switch on" regulation of drug cytotoxicity by conjugation to a cell targeting peptide. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 139-46	6.8	20
30	Drug resistance to chlorambucil in murine B-cell leukemic cells is overcome by its conjugation to a targeting peptide. <i>Anti-Cancer Drugs</i> , 2013 , 24, 112-9	2.4	20
29	Removal of chromate from industrial effluent by a new isolate of <i>Staphylococcus cohnii</i> . <i>Water Science and Technology</i> , 2000 , 42, 93-98	2.2	19
28	Discovery of peptide drug carrier candidates for targeted multi-drug delivery into prostate cancer cells. <i>Cancer Letters</i> , 2017 , 408, 164-173	9.9	16
27	Cow's milk allergy and eczema: patterns of the antibody response to cow's milk in allergic skin disease. <i>Clinical and Experimental Allergy</i> , 1982 , 12, 385-90	4.1	14
26	New somatostatin-drug conjugates for effective targeting pancreatic cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 3825-3836	3.4	13
25	Immunoaffinity purification of monoclonal antibodies: In search of an elution buffer of general applicability. <i>Biotechnology Letters</i> , 1996 , 10, 799		12
24	Milk-specific antibody measurement by elisa: development of an assay. <i>Journal of Immunological Methods</i> , 1981 , 46, 31-40	2.5	11
23	Specific destruction of hybridoma cells by antigen-toxin conjugates demonstrate an efficient strategy for targeted drug therapy in leukemias of the B cell lineage. <i>Leukemia and Lymphoma</i> , 2003 , 44, 681-9	1.9	10
22	Object reconstruction in scattering medium using multiple elliptical polarized speckle contrast projections and optical clearing agents. <i>Optics and Lasers in Engineering</i> , 2015 , 68, 172-179	4.6	9
21	Functionalized polysulfone as a novel and useful carrier for immunization and antibody detection. <i>Reactive and Functional Polymers</i> , 2003 , 54, 5-16	4.6	8
20	Possible role for rotavirus in the development of cow's milk enteropathy in infants. <i>Clinical and Experimental Allergy</i> , 1988 , 18, 53-61	4.1	8
19	syn-Bimane as a chelating O-donor ligand for palladium(II). <i>Dalton Transactions</i> , 2016 , 45, 17123-17131	4.3	7

18	Discovery of potent molecular chimera (CM358) to treat human metastatic melanoma. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 602-615	6.8	6
17	Synthesis of Gold Nanoparticle: Peptide-Drug Conjugates for Targeted Drug Delivery. <i>Methods in Molecular Biology</i> , 2020 , 2059, 145-154	1.4	6
16	Quenching of syn-bimane fluorescence by Na ⁺ complexation. <i>New Journal of Chemistry</i> , 2018 , 42, 15541-15545	3.6	5
15	12S-lipoxygenase protein associates with alpha-actin fibers in human umbilical artery vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 356, 554-60	3.4	5
14	Evidence for increased levels of circulating antiphospholipid autoantibodies in patients undergoing in vitro fertilization treatment. <i>Annals of the New York Academy of Sciences</i> , 1992 , 651, 599-601	6.5	4
13	The effects of incubation temperature and coating procedure on the measurement of antibodies to cardiolipin. <i>Journal of Immunological Methods</i> , 1991 , 143, 31-9	2.5	4
12	Hierarchical morphological design of immunoassay technology. <i>Computers in Biology and Medicine</i> , 2005 , 35, 229-45	7	3
11	The emerging role of selenium metabolic pathways in cancer: New therapeutic targets for cancer.. <i>Journal of Cellular Biochemistry</i> , 2021 ,	4.7	3
10	Broadband Infrared Spectroscopy for Non-Contact Measurement of Neurological Disease Biomarkers in Cerebrospinal Fluid. <i>Applied Spectroscopy</i> , 2017 , 71, 496-506	3.1	2
9	Long-term survival without graft-versus-host-disease following infusion of allogeneic myeloma-specific V β cell families 2019 , 7, 301		2
8	Can antibody-drug conjugates bypass multidrug resistance of cancer cells? 2015 , 106-118		1
7	Hypertrophic Cardiomyopathy Treatment [A Numerical Study. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2020 , 24-35	0.3	1
6	Experimental Validation of a Mathematical Model to Describe the Drug Cytotoxicity of Leukemic Cells. <i>Symmetry</i> , 2021 , 13, 1760	2.7	0
5	Antigen of erythroblast (Ag-Eb): a membrane protein that may be an erythroid-specific transferrin receptor. <i>Medical Hypotheses</i> , 2000 , 54, 107-14	3.8	
4	Anti-cardiolipin AB in multicase families with schizophrenia. <i>European Neuropsychopharmacology</i> , 1994 , 4, 381	1.2	
3	T cell derived IgE binding factors inhibit IgE-specific rosettes on basophilic leukaemic cells and lymphocytes. <i>Immunology Letters</i> , 1986 , 13, 1-5	4.1	
2	A New Cellular Immunotherapy for the Treatment of Multiple Myeloma without Development of Graft-Versus-Host Disease. <i>Blood</i> , 2018 , 132, 3339-3339	2.2	
1	Antibody-Drug-Conjugate Therapy for Hematological Cancers: Matching Cell Biology with Clinical Benefit. <i>Advanced Functional Materials</i> , 2100032	15.6	

