

Martha L Hale

List of Publications by Year in descending order

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48
papers

1,458
citations

279798

23
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docs citations

48
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Inhalation Exposure Modality and Particle Size on the Respiratory Deposition of Ricin in BALB/c Mice. <i>Inhalation Toxicology</i> , 2003, 15, 619-638.	1.6	106
2	Isolation of a human-like antibody fragment (scFv) that neutralizes ricin biological activity. <i>BMC Biotechnology</i> , 2009, 9, 60.	3.3	82
3	Proteomic analysis of detergent-resistant membrane rafts. <i>Electrophoresis</i> , 2004, 25, 1307-1318.	2.4	78
4	<i>Bacillus anthracis</i> Spores of the <i>bclA</i> Mutant Exhibit Increased Adherence to Epithelial Cells, Fibroblasts, and Endothelial Cells but Not to Macrophages. <i>Infection and Immunity</i> , 2007, 75, 4498-4505.	2.2	78
5	Quantitative Profiling of the Detergent-Resistant Membrane Proteome of Iota-b Toxin Induced Vero Cells. <i>Journal of Proteome Research</i> , 2005, 4, 523-531.	3.7	75
6	Quality Sample Collection, Handling, and Preservation for an Effective Microbial Forensics Program. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6431-6438.	3.1	59
7	Development of Antiricin Single Domain Antibodies Toward Detection and Therapeutic Reagents. <i>Analytical Chemistry</i> , 2008, 80, 9604-9611.	6.5	58
8	High-performance liquid chromatography-mass selective detection assay for adenine released from a synthetic RNA substrate by ricin A chain. <i>Analytical Biochemistry</i> , 2004, 330, 119-122.	2.4	57
9	<i>Clostridium perfringens</i> Iota Toxin: Binding Studies and Characterization of Cell Surface Receptor by Fluorescence-Activated Cytometry. <i>Infection and Immunity</i> , 2000, 68, 3475-3484.	2.2	54
10	OROPHARYNGEAL ASPIRATION OF RICIN AS A LUNG CHALLENGE MODEL FOR EVALUATION OF THE THERAPEUTIC INDEX OF ANTIBODIES AGAINST RICIN A-CHAIN FOR POST-EXPOSURE TREATMENT. <i>Experimental Lung Research</i> , 2007, 33, 459-481.	1.2	52
11	<i>Clostridium perfringens</i> Iota-Toxin: Mapping of Receptor Binding and Ia Docking Domains on Ib. <i>Infection and Immunity</i> , 2001, 69, 2435-2441.	2.2	50
12	<i>Clostridium perfringens</i> iota toxin: characterization of the cell-associated iota b complex. <i>Biochemical Journal</i> , 2002, 367, 801-808.	3.7	50
13	Differential requirement for the translocation of clostridial binary toxins: Iota toxin requires a membrane potential gradient. <i>FEBS Letters</i> , 2007, 581, 1287-1296.	2.8	49
14	Pirfenidone Blocks the In Vitro and In Vivo Effects of Staphylococcal Enterotoxin B. <i>Infection and Immunity</i> , 2002, 70, 2989-2994.	2.2	46
15	Detergent-Resistant Membrane Microdomains Facilitate Ib Oligomer Formation and Biological Activity of <i>Clostridium perfringens</i> Iota-Toxin. <i>Infection and Immunity</i> , 2004, 72, 2186-2193.	2.2	46
16	Characterization of Botulinum Progenitor Toxins by Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4478-4486.	3.1	42
17	Endocytosis and toxicity of clostridial binary toxins depend on a clathrin-independent pathway regulated by Rho-GDI. <i>Cellular Microbiology</i> , 2011, 13, 154-170.	2.1	40
18	Nude mice from homozygous nude parents show smaller PFC responses to sheep erythrocytes than nude mice from heterozygous mothers. <i>Nature</i> , 1976, 260, 44-45.	27.8	39

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19	Microtiter-Based Assay for Evaluating the Biological Activity of Ribosome-Inactivating Proteins. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 88, 255-260.	0.0	36
20	Deregulation of mouse antibody-forming cells by streptococcal pyrogenic exotoxin II. Modification of spleen T-cell-complemented nude mouse PFC responses. <i>Cellular Immunology</i> , 1976, 26, 168-177.	3.0	35
21	Purification and analysis of rat hematopoietic stem cells by flow cytometry. <i>Cytometry</i> , 1987, 8, 296-305.	1.8	28
22	Development of Cell-Based Assays to Measure Botulinum Neurotoxin Serotype A Activity Using Cleavage-Sensitive Antibodies. <i>Journal of Biomolecular Screening</i> , 2010, 15, 42-51.	2.6	28
23	Basic Tetrapeptides as Potent Intracellular Inhibitors of Type A Botulinum Neurotoxin Protease Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 1802-1811.	3.4	28
24	Protective effects of anti-ricin A-chain RNA aptamer against ricin toxicity. <i>World Journal of Gastroenterology</i> , 2008, 14, 6360.	3.3	23
25	Monoclonal Antibodies to Ricin: In Vitro Inhibition of Toxicity and Utility as Diagnostic Reagents. <i>Hybridoma</i> , 2005, 24, 236-243.	0.4	22
26	Detection of <i>Clostridium perfringens</i> alpha toxin using a capture antibody ELISA. <i>Toxicon</i> , 1999, 37, 471-484.	1.6	19
27	Evaluation of a ricin vaccine candidate (RVEc) for human toxicity using an in vitro vascular leak assay. <i>Toxicon</i> , 2011, 58, 68-75.	1.6	18
28	<i>Clostridium botulinum</i> C2 toxin: binding studies with fluorescence-activated cytometry. <i>Toxicon</i> , 2002, 40, 1135-1140.	1.6	16
29	Evidence that Membrane Rafts Are Not Required for the Action of <i>Clostridium perfringens</i> Enterotoxin. <i>Infection and Immunity</i> , 2008, 76, 5677-5685.	2.2	16
30	Stability of isolated antibody-antigen complexes as a predictive tool for selecting toxin neutralizing antibodies. <i>MAbs</i> , 2017, 9, 43-57.	5.2	16
31	Characterization of rat prothymocyte with monoclonal antibodies recognizing rat lymphocyte membrane antigenic determinants. <i>Cellular Immunology</i> , 1987, 107, 188-200.	3.0	14
32	Intralaboratory Validation of Cell-Free Translation Assay for Detecting Ricin Toxin Biological Activity. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1316-1325.	1.5	14
33	Identification of the RNA N-glycosidase activity of ricin in castor bean extracts by an electrochemiluminescence-based assay. <i>Analytical Biochemistry</i> , 2008, 378, 87-89.	2.4	13
34	Impact of Inhalation Exposure Modality and Particle Size on the Respiratory Deposition of Ricin in BALB/c Mice. <i>Inhalation Toxicology</i> , 2003, 15, 619-638.	1.6	11
35	Development of a time-resolved immunofluorometric assay for quantitation of mucosal and systemic antibody responses. <i>Journal of Immunological Methods</i> , 2001, 257, 83-92.	1.4	10
36	Host response during <i>Yersinia pestis</i> infection of human bronchial epithelial cells involves negative regulation of autophagy and suggests a modulation of survival-related and cellular growth pathways. <i>Frontiers in Microbiology</i> , 2015, 6, 50.	3.5	9

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37	Role of critical elements in botulinum neurotoxin complex in toxin routing across intestinal and bronchial barriers. PLoS ONE, 2018, 13, e0199524.	2.5	9
38	Further enrichment and analysis of rat CFUâ€s. International Journal of Cell Cloning, 1990, 8, 184-195.	1.6	6
39	Translocation of ricin across polarized human bronchial epithelial cells. Toxicon, 2009, 54, 184-191.	1.6	6
40	Near-infrared imaging of balb/c mice injected with a detoxified botulinum neurotoxin A. Botulinum Journal, 2010, 1, 431.	0.2	5
41	Rational design of peptide derivatives for inhibition of MyD88â€mediated tollâ€like receptor signaling in human peripheral blood mononuclear cells and epithelial cells exposed to <i>Francisella tularensis</i>. Chemical Biology and Drug Design, 2017, 90, 1190-1205.	3.2	4
42	Flow cytometry techniques in radiation biology. Toxicology Letters, 1988, 43, 219-233.	0.8	3
43	Deregulation of mouse antibody-forming cells by streptococcal pyrogenic exotoxin (SPE). Cellular Immunology, 1980, 56, 247-257.	3.0	2
44	Near infrared whole body imaging. Botulinum Journal, 2012, 2, 168.	0.2	2
45	Modulation of Suppressor T-Cells by Streptococcal Pyrogenic Exotoxin. , 1981, , 59-75.		2
46	Medical Applications of Clostridia and Clostridial Toxins. Journal of Toxicology, 2012, 2012, 1-2.	3.0	1
47	Development of a Coxiella burnetii culture method for high-throughput assay to identify host-directed therapeutics. Journal of Microbiological Methods, 2020, 169, 105813.	1.6	1
48	Model systems to study a superantigen-induced disease: Toxic shock syndrome. Drug Discovery Today: Disease Models, 2006, 3, 121-126.	1.2	0