

# Maria Cristina Roque Barreira

## List of Publications by Year in descending order

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146  
papers

3,353  
citations

136740

32  
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214527

47  
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154  
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154  
docs citations

154  
times ranked

3357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjuvant Curdlan Contributes to Immunization against <i>Cryptococcus gattii</i> Infection in a Mouse Strain-Specific Manner. <i>Vaccines</i> , 2022, 10, 620.	2.1	3
2	Paracoccin Overexpression in <i>Paracoccidioides brasiliensis</i> Enhances Fungal Virulence by Remodeling Chitin Properties of the Cell Wall. <i>Journal of Infectious Diseases</i> , 2021, 224, 164-174.	1.9	5
3	Administration of artinm lectin reduces the severity of the acute phase infection with <i>Trypanosoma cruzi</i> . <i>FASEB BioAdvances</i> , 2021, 3, 295-304.	1.3	1
4	Microneme Proteins 1 and 4 From <i>Toxoplasma gondii</i> Induce IL-10 Production by Macrophages Through TLR4 Endocytosis. <i>Frontiers in Immunology</i> , 2021, 12, 655371.	2.2	6
5	Virulence Vs. Immunomodulation: Roles of the Paracoccin Chitinase and Carbohydrate-Binding Sites in <i>Paracoccidioides brasiliensis</i> Infection. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 700797.	1.6	0
6	iNOS/Arginase-1 expression in the pulmonary tissue over time during <i>Cryptococcus gattii</i> infection. <i>Innate Immunity</i> , 2020, 26, 117-129.	1.1	13
7	The lectin ArtinM activates RBL-2H3 mast cells without inducing degranulation. <i>PLoS ONE</i> , 2020, 15, e0230633.	1.1	5
8	ArtinM: Purification and Evaluation of Biological Activities. <i>Methods in Molecular Biology</i> , 2020, 2132, 349-358.	0.4	6
9	Pro-inflammatory response ensured by LPS and Pam3CSK4 in RAW 264.7 cells did not improve a fungistatic effect on <i>Cryptococcus gattii</i> infection. <i>PeerJ</i> , 2020, 8, e10295.	0.9	9
10	Paracoccin: Purification and Validation of Its Lectin and Enzymatic Properties. <i>Methods in Molecular Biology</i> , 2020, 2132, 139-149.	0.4	2
11	MIC4 from <i>Toxoplasma gondii</i> : A Lectin Acting as a Toll-Like Receptor Agonist. <i>Methods in Molecular Biology</i> , 2020, 2132, 379-389.	0.4	0
12	Expression of Hsp60 and its cell location in <i>Paracoccidioides brasiliensis</i> . <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2020, 62, e29.	0.5	2
13	Production and Characterization of MIC1: A Lectin from <i>Toxoplasma gondii</i> . <i>Methods in Molecular Biology</i> , 2020, 2132, 391-400.	0.4	1
14	Receptor Heterodimerization and Co-Receptor Engagement in TLR2 Activation Induced by MIC1 and MIC4 from <i>Toxoplasma gondii</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5001.	1.8	6
15	The lectin-specific activity of <i>Toxoplasma gondii</i> microneme proteins 1 and 4 binds Toll-like receptor 2 and 4 N-glycans to regulate innate immune priming. <i>PLoS Pathogens</i> , 2019, 15, e1007871.	2.1	29
16	Galectin-3 Inhibits <i>Paracoccidioides brasiliensis</i> Growth and Impacts Paracoccidioidomycosis through Multiple Mechanisms. <i>MSphere</i> , 2019, 4, .	1.3	26
17	Human neutrophils are targets to paracoccin, a lectin expressed by <i>Paracoccidioides brasiliensis</i> . <i>Inflammation Research</i> , 2018, 67, 31-41.	1.6	4
18	HU-Lacking Mutants of <i>Salmonella enterica</i> Enteritidis Are Highly Attenuated and Can Induce Protection in Murine Model of Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 1780.	1.5	2

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19	The Response of IL-17-Producing B Cells to ArtinM Is Independent of Its Interaction with TLR2 and CD14. <i>Molecules</i> , 2018, 23, 2339.	1.7	9
20	Effect of ArtinM on Human Blood Cells During Infection With <i>Paracoccidioides brasiliensis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 867.	1.5	9
21	ArtinM Binding Effinities and Kinetic Interaction with Leukemia Cells: A Quartz Crystal Microbalance Bioelectroanalysis on the Cytotoxic Effect. <i>Electroanalysis</i> , 2017, 29, 1554-1558.	1.5	3
22	Impact of Paracoccin Gene Silencing on <i>Paracoccidioides brasiliensis</i> Virulence. <i>MBio</i> , 2017, 8, .	1.8	18
23	CD14 is critical for TLR2-mediated M1 macrophage activation triggered by N-glycan recognition. <i>Scientific Reports</i> , 2017, 7, 7083.	1.6	59
24	Galectin-3 impacts <i>Cryptococcus neoformans</i> infection through direct antifungal effects. <i>Nature Communications</i> , 2017, 8, 1968.	5.8	77
25	Versatile electroanalysis of cellular receptor: The case of Toll-like immune receptors evaluated on transfected human cell. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1002-1007.	4.0	0
26	ArtinM Mediates Murine T Cell Activation and Induces Cell Death in Jurkat Human Leukemic T Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1400.	1.8	13
27	Galectin-3: A Friend but Not a Foe during <i>Trypanosoma cruzi</i> Experimental Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 463.	1.8	24
28	Targeting and Recognition of Toll-Like Receptors by Plant and Pathogen Lectins. <i>Frontiers in Immunology</i> , 2017, 8, 1820.	2.2	33
29	Vaccination of Mice with Virulence-Associated Protein G (VapG) Antigen Confers Partial Protection against <i>Rhodococcus equi</i> Infection through Induced Humoral Immunity. <i>Frontiers in Microbiology</i> , 2017, 8, 857.	1.5	1
30	Paracoccin distribution supports its role in <i>Paracoccidioides brasiliensis</i> growth and dimorphic transformation. <i>PLoS ONE</i> , 2017, 12, e0184010.	1.1	3
31	Th1-Inducing Agents in Prophylaxis and Therapy for Paracoccidioidomycosis. <i>Methods in Molecular Biology</i> , 2017, 1625, 159-167.	0.4	1
32	Systemic effects in na <sup>+</sup> ve mice injected with immunomodulatory lectin ArtinM. <i>PLoS ONE</i> , 2017, 12, e0187151.	1.1	11
33	Jacalin-Activated Macrophages Exhibit an Antitumor Phenotype. <i>BioMed Research International</i> , 2016, 1-12.	0.9	10
34	Paracoccin Induces M1 Polarization of Macrophages via Interaction with TLR4. <i>Frontiers in Microbiology</i> , 2016, 7, 1003.	1.5	32
35	Neutrophils Contribute to the Protection Conferred by ArtinM against Intracellular Pathogens: A Study on <i>Leishmania major</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004609.	1.3	24
36	Data on IL-17 production induced by plant lectins. <i>Data in Brief</i> , 2016, 7, 1584-1587.	0.5	3

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37	Lack of galectin-3 increases Jagged1/Notch activation in bone marrow-derived dendritic cells and promotes dysregulation of T helper cell polarization. <i>Molecular Immunology</i> , 2016, 76, 22-34.	1.0	22
38	Extracellular vesicles from <i>Paracoccidioides brasiliensis</i> induced M1 polarization in vitro. <i>Scientific Reports</i> , 2016, 6, 35867.	1.6	81
39	Recombinant ArtinM activates mast cells. <i>BMC Immunology</i> , 2016, 17, 22.	0.9	7
40	Yeast expressed ArtinM shares structure, carbohydrate recognition, and biological effects with native ArtinM. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 22-30.	3.6	9
41	IL-17 Induction by ArtinM is Due to Stimulation of IL-23 and IL-1 Release and/or Interaction with CD3 in CD4+ T Cells. <i>PLoS ONE</i> , 2016, 11, e0149721.	1.1	13
42	Detrimental Effect of Fungal 60-kDa Heat Shock Protein on Experimental <i>Paracoccidioides brasiliensis</i> Infection. <i>PLoS ONE</i> , 2016, 11, e0162486.	1.1	10
43	Influence of N-glycans on Expression of Cell Wall Remodeling Related Genes in <i>Paracoccidioides brasiliensis</i> Yeast Cells. <i>Current Genomics</i> , 2016, 17, 112-118.	0.7	14
44	Inhibition of Hepatocarcinogenesis by ArtinM via Anti-proliferative and Pro-apoptotic Mechanisms. <i>In Vivo</i> , 2016, 30, 845-852.	0.6	3
45	Evidence for Conformational Mechanism on the Binding of TgMIC4 with $\beta$ -Galactose-Containing Carbohydrate Ligand. <i>Langmuir</i> , 2015, 31, 12111-12119.	1.6	6
46	<i>Saccharomyces cerevisiae</i> Expressing Gp43 Protects Mice against <i>Paracoccidioides brasiliensis</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0120201.	1.1	24
47	<i>Toxoplasma gondii</i> Chitinase Induces Macrophage Activation. <i>PLoS ONE</i> , 2015, 10, e0144507.	1.1	10
48	Glycan microarray analysis of the carbohydrate-recognition specificity of native and recombinant forms of the lectin ArtinM. <i>Data in Brief</i> , 2015, 5, 1035-1047.	0.5	10
49	IL10, TGF Beta1, and IFN Gamma Modulate Intracellular Signaling Pathways and Cytokine Production to Control <i>Toxoplasma gondii</i> Infection in BeWo Trophoblast Cells <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 92, 82.	1.2	40
50	Vaccination with Recombinant Microneme Proteins Confers Protection against Experimental Toxoplasmosis in Mice. <i>PLoS ONE</i> , 2015, 10, e0143087.	1.1	52
51	Eutirucallin, a RIP-2 Type Lectin from the Latex of <i>Euphorbia tirucalli</i> L. Presents Proinflammatory Properties. <i>PLoS ONE</i> , 2014, 9, e88422.	1.1	17
52	Recognition of TLR2 N-Glycans: Critical Role in ArtinM Immunomodulatory Activity. <i>PLoS ONE</i> , 2014, 9, e98512.	1.1	28
53	Evaluating the Equilibrium Association Constant between ArtinM Lectin and Myeloid Leukemia Cells by Impedimetric and Piezoelectric Label Free Approaches. <i>Biosensors</i> , 2014, 4, 358-369.	2.3	12
54	Therapeutic Administration of Recombinant Paracoccin Confers Protection against <i>Paracoccidioides brasiliensis</i> Infection: Involvement of TLRs. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3317.	1.3	35

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55	Recombinant Paracoccin Reproduces the Biological Properties of the Native Protein and Induces Protective Th1 Immunity against Paracoccidioides brasiliensis Infection. PLoS Neglected Tropical Diseases, 2014, 8, e2788.	1.3	28
56	Î±(1,4)-Amylase, but not Î± and Î²(1,3)-glucanases, may be responsible for the impaired growth and morphogenesis of Paracoccidioides brasiliensis induced by N-glycosylation inhibition. Yeast, 2014, 31, 1-11.	0.8	11
57	Recruitment of galectin-3 during cell invasion and intracellular trafficking of Trypanosoma cruzi extracellular amastigotes. Glycobiology, 2014, 24, 179-184.	1.3	29
58	Impedance-derived electrochemical capacitance spectroscopy for the evaluation of lectin-glycoprotein binding affinity. Biosensors and Bioelectronics, 2014, 62, 102-105.	5.3	39
59	Activation of spleen cells by ArtinM may account for its immunomodulatory properties. Cell and Tissue Research, 2014, 357, 719-730.	1.5	25
60	Toxoplasma gondii 70 kDa Heat Shock Protein: Systemic Detection Is Associated with the Death of the Parasites by the Immune Response and Its Increased Expression in the Brain Is Associated with Parasite Replication. PLoS ONE, 2014, 9, e96527.	1.1	13
61	ArtinM activates CD4+ T cells through recognition of N-glycans of CD3Î³ chain (1004.3). FASEB Journal, 2014, 28, 1004.3.	0.2	1
62	The immunomodulatory effect of plant lectins: a review with emphasis on ArtinM properties. Glycoconjugate Journal, 2013, 30, 641-657.	1.4	104
63	Nasal vaccination with attenuated Salmonella expressing VapA: TLR2 activation is not essential for protection against R. equi infection. Vaccine, 2013, 31, 4528-4535.	1.7	5
64	Galectin-3 negatively regulates the frequency and function of CD4 <sup>+</sup> CD25 <sup>+</sup> FOXP3 <sup>+</sup> regulatory T cells and influences the course of Leishmania major infection. European Journal of Immunology, 2013, 43, 1806-1817.	1.6	41
65	Topical application of the lectin ArtinM accelerates wound healing in rat oral mucosa by enhancing TGF-Î² and VEGF production. Wound Repair and Regeneration, 2013, 21, 456-463.	1.5	21
66	Galectin-3 is essential for reactive oxygen species production by peritoneal neutrophils from mice infected with a virulent strain of Toxoplasma gondii. Parasitology, 2013, 140, 210-219.	0.7	22
67	Monocyte Migration Driven by Galectin-3 Occurs through Distinct Mechanisms Involving Selective Interactions with the Extracellular Matrix. ISRN Inflammation, 2013, 2013, 1-9.	4.9	20
68	Determinação da Constante de Afinidade da Lectina ArtinM-Célula Leucêmica (NB4) por meio da Técnica Piezoelétrica de Microbalança a Cristal de Quartzo (QCM). BBR - Biochemistry and Biotechnology Reports, 2013, 2, 208.	0.0	0
69	Jacalin interaction with human immunoglobulin A1 and bovine immunoglobulin G1: Affinity constant determined by piezoelectric biosensing. Glycobiology, 2012, 22, 326-331.	1.3	8
70	Galactose Recognition by the Apicomplexan Parasite Toxoplasma gondii. Journal of Biological Chemistry, 2012, 287, 16720-16733.	1.6	40
71	Neutrophil Activation Induced by Plant Lectins: Modulation of Inflammatory Processes. Inflammation and Allergy: Drug Targets, 2012, 11, 433-441.	1.8	12
72	Characterization and optimization of ArtinM lectin expression in Escherichia coli. BMC Biotechnology, 2012, 12, 44.	1.7	9

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73	ArtinM offers new perspectives in the development of antifungal therapy. <i>Frontiers in Microbiology</i> , 2012, 3, 218.	1.5	10
74	BjcuL, a lectin purified from <i>Bothrops jararacussu</i> venom, induces apoptosis in human gastric carcinoma cells accompanied by inhibition of cell adhesion and actin cytoskeleton disassembly. <i>Toxicon</i> , 2012, 59, 81-85.	0.8	36
75	Characterization of PbPga1, an Antigenic GPI-Protein in the Pathogenic Fungus <i>Paracoccidioides brasiliensis</i> . <i>PLoS ONE</i> , 2012, 7, e44792.	1.1	24
76	Effect of Macrophage Migration Inhibitory Factor (MIF) in Human Placental Explants Infected with <i>Toxoplasma gondii</i> Depends on Gestational Age. <i>American Journal of Pathology</i> , 2011, 178, 2792-2801.	1.9	48
77	The lectin ArtinM binds to mast cells inducing cell activation and mediator release. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 318-324.	1.0	15
78	ArtinM, a d-mannose-binding lectin from <i>Artocarpus integrifolia</i> , plays a potent adjuvant and immunostimulatory role in immunization against <i>Neospora caninum</i> . <i>Vaccine</i> , 2011, 29, 9183-9193.	1.7	34
79	<i>Rhodococcus equi</i> Parte 1: epidemiologia, manifesta�es cl�nicas, diagn�stico e tratamento. <i>Ciencia Rural</i> , 2011, 41, 2143-2150.	0.3	0
80	<i>Rhodococcus equi</i> Parte 2: imunologia e profilaxia. <i>Ciencia Rural</i> , 2011, 41, 2151-2158.	0.3	0
81	Influence of N-Glycosylation on the Morphogenesis and Growth of <i>Paracoccidioides brasiliensis</i> and on the Biological Activities of Yeast Proteins. <i>PLoS ONE</i> , 2011, 6, e29216.	1.1	19
82	Infectivity of <i>Strongyloides venezuelensis</i> is influenced by variations in temperature and time of culture. <i>Experimental Parasitology</i> , 2011, 127, 72-79.	0.5	2
83	Galectin-3 expression: a useful tool in the differential diagnosis of posterior fossa tumors in children. <i>Child's Nervous System</i> , 2011, 27, 253-257.	0.6	8
84	LPS-Induced Galectin-3 Oligomerization Results in Enhancement of Neutrophil Activation. <i>PLoS ONE</i> , 2011, 6, e26004.	1.1	78
85	The Recognition of N-Glycans by the Lectin ArtinM Mediates Cell Death of a Human Myeloid Leukemia Cell Line. <i>PLoS ONE</i> , 2011, 6, e27892.	1.1	27
86	Real-time monitoring and kinetic parameter estimation of the affinity interaction of jArtinM and rArtinM with peroxidase glycoprotein by the electrogravimetric technique. <i>Biosensors and Bioelectronics</i> , 2010, 26, 36-42.	5.3	32
87	Tunicamycin inhibition of N-glycosylation of $\beta$ -glucosidase from <i>Aspergillus niveus</i> : partial influence on biochemical properties. <i>Biotechnology Letters</i> , 2010, 32, 1449-1455.	1.1	8
88	Paracoccin from <i>Paracoccidioides brasiliensis</i> ; purification through affinity with chitin and identification of N-acetylglucosaminidase activity. <i>Yeast</i> , 2010, 27, 67-76.	0.8	24
89	The Lectin ArtinM Induces Recruitment of Rat Mast Cells from the Bone Marrow to the Peritoneal Cavity. <i>PLoS ONE</i> , 2010, 5, e9776.	1.1	17
90	Immunological Basis for the Gender Differences in Murine <i>Paracoccidioides brasiliensis</i> Infection. <i>PLoS ONE</i> , 2010, 5, e10757.	1.1	62

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91	Protection against <i>Paracoccidioides brasiliensis</i> infection conferred by the prophylactic administration of native and recombinant ArtinM. <i>Medical Mycology</i> , 2010, 48, 792-799.	0.3	26
92	Vaccination of Mice with Salmonella Expressing VapA: Mucosal and Systemic Th1 Responses Provide Protection against <i>Rhodococcus equi</i> Infection. <i>PLoS ONE</i> , 2010, 5, e8644.	1.1	23
93	Galectin-3 plays a modulatory role in the life span and activation of murine neutrophils during early <i>Toxoplasma gondii</i> infection. <i>Immunobiology</i> , 2010, 215, 475-485.	0.8	33
94	Lack of Galectin-3 Drives Response to <i>Paracoccidioides brasiliensis</i> toward a Th2-Biased Immunity. <i>PLoS ONE</i> , 2009, 4, e4519.	1.1	49
95	Neutrophil activation induced by ArtinM: Release of inflammatory mediators and enhancement of effector functions. <i>Immunology Letters</i> , 2009, 123, 14-20.	1.1	40
96	The lectin KM+ induces corneal epithelial wound healing in rabbits. <i>International Journal of Experimental Pathology</i> , 2009, 90, 166-173.	0.6	33
97	Standardization of protocols of vaccination with Salmonella strain expressing vapA against <i>Rhodococcus equi</i> infection. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 320-321.	0.5	0
98	Azithromycin Reduces Ocular Infection During Congenital Transmission of Toxoplasmosis in the <i>Calomys callosus</i> Model. <i>Journal of Parasitology</i> , 2009, 95, 1005-1010.	0.3	15
99	Myosin Va phosphorylated on Ser <sup>1650</sup> is found in nuclear speckles and redistributes to nucleoli upon inhibition of transcription. <i>Cytoskeleton</i> , 2008, 65, 441-456.	4.4	50
100	Lack of galectin-3 alters the balance of innate immune cytokines and confers resistance to <i>Rhodococcus equi</i> infection. <i>European Journal of Immunology</i> , 2008, 38, 2762-2775.	1.6	43
101	Artin M: A rational substitution for the names artocarpin and KM+. <i>Immunology Letters</i> , 2008, 119, 114-115.	1.1	20
102	Quartz Crystal Microbalance monitoring the real-time binding of lectin with carbohydrate with high and low molecular mass. <i>Microchemical Journal</i> , 2008, 89, 153-158.	2.3	24
103	<i>Strongyloides venezuelensis</i> : The antigenic identity of eight strains for the immunodiagnosis of human strongyloidiasis. <i>Experimental Parasitology</i> , 2008, 119, 7-14.	0.5	25
104	Cloning, expression and purification of a glycosylated form of the DNA-binding protein Dps from <i>Salmonella enterica</i> Typhimurium. <i>Protein Expression and Purification</i> , 2008, 59, 197-202.	0.6	6
105	The macrophage-derived neutrophil chemotactic factor, MNCF: A lectin with TNF-like activities on neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 764-769.	1.0	2
106	Therapeutic Administration of KM+ Lectin Protects Mice Against <i>Paracoccidioides brasiliensis</i> Infection via Interleukin-12 Production in a Toll-Like Receptor 2-Dependent Mechanism. <i>American Journal of Pathology</i> , 2008, 173, 423-432.	1.9	59
107	T Helper 1-Inducing Adjuvant Protects against Experimental <i>Paracoccidioidomycosis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e183.	1.3	18
108	Characterization of $\alpha$ -mannosidase from <i>Erythrina indica</i> seeds and influence of endogenous lectin on its activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 24-28.	1.1	9



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109	Evidence for glycosylation on a DNA-binding protein of <i>Salmonella enterica</i> . <i>Microbial Cell Factories</i> , 2007, 6, 11.	1.9	10
110	Oral administration of a live attenuated <i>Salmonella</i> vaccine strain expressing the VapA protein induces protection against infection by <i>Rhodococcus equi</i> . <i>Microbes and Infection</i> , 2007, 9, 382-390.	1.0	19
111	Paracoccin, an N-acetyl-glucosamine-binding lectin of <i>Paracoccidioides brasiliensis</i> , is involved in fungal growth. <i>Microbes and Infection</i> , 2007, 9, 695-703.	1.0	24
112	BALB/c mice resistant to <i>Toxoplasma gondii</i> infection proved to be highly susceptible when previously infected with <i>Myocoptes musculinus</i> fur mites. <i>International Journal of Experimental Pathology</i> , 2007, 88, 325-335.	0.6	15
113	Comparison of immune responses in mice infected with different strains of <i>Strongyloides venezuelensis</i> . <i>Parasite Immunology</i> , 2007, 29, 549-557.	0.7	14
114	Neutrophil haptotaxis induced by mouse MNCF: interactions with extracellular matrix glycoproteins probably contribute to overcoming the anti-inflammatory action of dexamethasone. <i>Inflammation Research</i> , 2007, 56, 368-376.	1.6	8
115	<i>Toxoplasma gondii</i> Infection Reveals a Novel Regulatory Role for Galectin-3 in the Interface of Innate and Adaptive Immunity. <i>American Journal of Pathology</i> , 2006, 168, 1910-1920.	1.9	109
116	Neutrophil activation induced by the lectin KM+ involves binding to CXCR2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 86-94.	1.1	43
117	Potential of KM+ lectin in immunization against <i>Leishmania amazonensis</i> infection. <i>Vaccine</i> , 2006, 24, 3001-3008.	1.7	52
118	Paracoccin, a GlcNAc-binding lectin from <i>Paracoccidioides brasiliensis</i> , binds to laminin and induces TNF- $\alpha$ production by macrophages. <i>Microbes and Infection</i> , 2006, 8, 704-713.	1.0	42
119	Immunization with MIC1 and MIC4 induces protective immunity against <i>Toxoplasma gondii</i> . <i>Microbes and Infection</i> , 2006, 8, 1244-1251.	1.0	67
120	An opposite role is exerted by the acarian <i>Myocoptes musculinus</i> in the outcome of <i>Toxoplasma gondii</i> infection according to the route of the protozoa inoculation. <i>Microbes and Infection</i> , 2006, 8, 2618-2628.	1.0	8
121	The Macrophage-derived Lectin, MNCF, Activates Neutrophil Migration through a Pertussis Toxin-sensitive Pathway. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 715-723.	1.3	7
122	Lectin KM+-induced neutrophil haptotaxis involves binding to laminin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1721, 152-163.	1.1	43
123	cDNA cloning and functional expression of KM+, the mannose-binding lectin from <i>Artocarpus integrifolia</i> seeds. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1726, 251-260.	1.1	22
124	The novel lectin KM+ detects a specific subset of mannosyl-glycoconjugates in the rat cerebellum. <i>Glycoconjugate Journal</i> , 2003, 20, 501-508.	1.4	3
125	<i>Paracoccidioides brasiliensis</i> exoantigens: recognition by IgG from patients with different clinical forms of paracoccidioidomycosis. <i>Microbes and Infection</i> , 2003, 5, 1205-1211.	1.0	20
126	Mast Cell Degranulation Induced by Lectins: Effect on Neutrophil Recruitment. <i>International Archives of Allergy and Immunology</i> , 2003, 132, 221-230.	0.9	50



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127	Purification, some properties of a D-galactose-binding leaf lectin from <i>Erythrina indica</i> and further characterization of seed lectin. <i>Biochimie</i> , 2002, 84, 1035-1043.	1.3	23
128	Sm60, a mannose-binding protein from <i>Schistosoma mansoni</i> with inflammatory property. <i>International Journal for Parasitology</i> , 2002, 32, 1747-1754.	1.3	7
129	Neutrophil migration induced in vivo and in vitro by marine algal lectins. <i>Inflammation Research</i> , 2001, 50, 486-490.	1.6	22
130	<i>Toxoplasma gondii</i> micronemal protein MIC1 is a lactose-binding lectin. <i>Glycobiology</i> , 2001, 11, 541-547.	1.3	72
131	KM+, a lectin from <i>Artocarpus integrifolia</i> , induces IL-12 p40 production by macrophages and switches from type 2 to type 1 cell-mediated immunity against <i>Leishmania major</i> antigens, resulting in BALB/c mice resistance to infection. <i>Glycobiology</i> , 2001, 11, 1035-1042.	1.3	64
132	The Rubino test for leprosy is a $\beta$ 2-glycoprotein 1-dependent antiphospholipid reaction. <i>Immunology</i> , 2000, 101, 147-153.	2.0	5
133	Neutrophil migration and aggregation induced by euphorbin, a lectin from the latex of <i>Euphorbia milii</i> , var. <i>milii</i> . <i>Inflammation Research</i> , 2000, 49, 732-736.	1.6	16
134	Structural and thermodynamic studies of KM+, a d-mannose binding lectin from <i>Artocarpus integrifolia</i> seeds. <i>Biophysical Chemistry</i> , 1999, 79, 81-93.	1.5	10
135	KM+, a mannose-binding lectin from <i>artocarpus integrifolia</i> : Amino acid sequence, predicted tertiary structure, carbohydrate recognition, and analysis of the $\beta$ -prism fold. <i>Protein Science</i> , 1999, 8, 13-24.	3.1	68
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137	Heparin potentiates in vivo neutrophil migration induced by IL-8. <i>Glycoconjugate Journal</i> , 1998, 15, 523-526.	1.4	20
138	Neutrophil haptotaxis induced by the lectin KM+. <i>Glycoconjugate Journal</i> , 1998, 15, 531-534.	1.4	33
139	Crystallization and preliminary crystallographic data of a neutrophil migration-inducing lectin (KM+) extracted from the seed of <i>Artocarpus integrifolia</i> . , 1997, 27, 157-159.		4
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