

Michael W Russell

List of Publications by Year in descending order

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131
papers

7,620
citations

44069

48
h-index

62596

80
g-index

136
all docs

136
docs citations

136
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune Responses to <i>Neisseria gonorrhoeae</i> : Challenges and Opportunities With Respect to Pelvic Inflammatory Disease. <i>Journal of Infectious Diseases</i> , 2021, 224, S96-S102.	4.0	6
2	Historical Perspectives on Mucosal Vaccines. , 2020, , 3-17.		1
3	Mucosal Immunity in COVID-19: A Neglected but Critical Aspect of SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2020, 11, 611337.	4.8	299
4	Editorial: Immunity to <i>Neisseria gonorrhoeae</i> . <i>Frontiers in Immunology</i> , 2020, 11, 1375.	4.8	3
5	Progress Toward a Gonococcal Vaccine: The Way Forward. <i>Frontiers in Immunology</i> , 2019, 10, 2417.	4.8	49
6	Intravaginal Administration of Interleukin 12 during Genital Gonococcal Infection in Mice Induces Immunity to Heterologous Strains of <i>Neisseria gonorrhoeae</i> . <i>MSphere</i> , 2018, 3, .	2.9	29
7	Could vaccination against <i>Neisseria gonorrhoeae</i> be on the horizon?. <i>Future Microbiology</i> , 2018, 13, 495-497.	2.0	6
8	Experimental vaccine induces Th1-driven immune responses and resistance to <i>Neisseria gonorrhoeae</i> infection in a murine model. <i>Mucosal Immunology</i> , 2017, 10, 1594-1608.	6.0	80
9	Phylogeny and Comparative Physiology of Mucosal Immunoglobulins. , 2015, , 325-347.		4
10	Biological Activities of IgA. , 2015, , 429-454.		33
11	Microbial Evasion of IgA Functions. , 2015, , 455-469.		10
12	Mucosal Vaccines. , 2015, , 1039-1046.		8
13	Mucosal Immunity in the Oral Cavity, Upper Respiratory Tract, and Adjacent Areas. , 2015, , 1869-1871.		0
14	Urogenital Tract and Mammary Gland. , 2015, , 2019-2022.		1
15	Immunity to Sexually Transmitted Infections. , 2015, , 2183-2214.		2
16	Thinking Globally, Acting Locally: Harnessing the Immune System to Deal with Recalcitrant Pathogens. <i>MBio</i> , 2015, 6, e00382-15.	4.1	4
17	Historical Aspects of Mucosal Immunology. , 2015, , xxxi-lvii.		2
18	Innate Humoral Defense Factors. , 2015, , 251-270.		19

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19	Identification and Characterization of Intestinal Antigen-Presenting Cells Involved in Uptake and Processing of a Nontoxic Recombinant Chimeric Mucosal Immunogen Based on Cholera Toxin Using Imaging Flow Cytometry. <i>Vaccine Journal</i> , 2014, 21, 74-84.	3.1	10
20	Vaccines against gonorrhoea: Current status and future challenges. <i>Vaccine</i> , 2014, 32, 1579-1587.	3.8	93
21	Suppression of host adaptive immune responses by <i>Neisseria gonorrhoeae</i> : role of interleukin 10 and type 1 regulatory T cells. <i>Mucosal Immunology</i> , 2014, 7, 165-176.	6.0	78
22	Enhancement of Adaptive Immunity to <i>Neisseria gonorrhoeae</i> by Local Intravaginal Administration of Microencapsulated Interleukin 12. <i>Journal of Infectious Diseases</i> , 2013, 208, 1821-1829.	4.0	42
23	<i>Neisseria gonorrhoeae</i> selectively suppresses the development of Th1 and Th2 cells, and enhances Th17 cell responses, through TGF- β -dependent mechanisms. <i>Mucosal Immunology</i> , 2012, 5, 320-331.	6.0	77
24	Contrasting Roles of IL-22 and IL-17 in Murine Genital Tract Infection by <i>Neisseria gonorrhoeae</i> . <i>Frontiers in Immunology</i> , 2012, 3, 11.	4.8	19
25	Characterization of antigen-presenting cells induced by intragastric immunization with recombinant chimeric immunogens constructed from <i>Streptococcus mutans</i> AgI/II and type I or type II heat-labile enterotoxins. <i>Molecular Oral Microbiology</i> , 2011, 26, 200-209.	2.7	6
26	New Concepts in Immunity to <i>Neisseria Gonorrhoeae</i> : Innate Responses and Suppression of Adaptive Immunity Favor the Pathogen, Not the Host. <i>Frontiers in Microbiology</i> , 2011, 2, 52.	3.5	68
27	Diversion of the Immune Response to <i>Neisseria gonorrhoeae</i> from Th17 to Th1/Th2 by Treatment with Anti-Transforming Growth Factor β Antibody Generates Immunological Memory and Protective Immunity. <i>MBio</i> , 2011, 2, e00095-11.	4.1	48
28	Structure and function relationships in IgA. <i>Mucosal Immunology</i> , 2011, 4, 590-597.	6.0	261
29	Critical role of Th17 responses in a murine model of <i>Neisseria gonorrhoeae</i> genital infection. <i>Mucosal Immunology</i> , 2010, 3, 312-321.	6.0	110
30	Mucosal Decisions: Tolerance and Responsiveness at Mucosal Surfaces. <i>Immunological Investigations</i> , 2010, 39, 297-302.	2.0	11
31	Tolerance and Protection against Infection in the Genital Tract. <i>Immunological Investigations</i> , 2010, 39, 500-525.	2.0	25
32	Gonorrhoea. , 2009, , 963-981.		8
33	Mucosal immunization of mice with recombinant OMP P2 induces antibodies that bind to surface epitopes of multiple strains of nontypeable <i>Haemophilus influenzae</i> . <i>Mucosal Immunology</i> , 2009, 2, 63-73.	6.0	23
34	Specific antibody activity, glycan heterogeneity and polyreactivity contribute to the protective activity of S-IgA at mucosal surfaces. <i>Immunology Letters</i> , 2009, 124, 57-62.	2.5	82
35	In vivo and in vitro adjuvant activities of the B subunit of Type IIb heat-labile enterotoxin (LT-IIb-B5) from <i>Escherichia coli</i> . <i>Vaccine</i> , 2009, 27, 4302-4308.	3.8	38
36	Molecular heterogeneity of human IgA antibodies during an immune response. <i>Clinical and Experimental Immunology</i> , 2008, 87, 1-6.	2.6	70

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37	Tissue distribution of lymphocytes and plasma cells and the role of the gut. Trends in Immunology, 2008, 29, 206-208.	6.8	95
38	Terminology: nomenclature of mucosa-associated lymphoid tissue. Mucosal Immunology, 2008, 1, 31-37.	6.0	322
39	The A Subunit of Type IIb Enterotoxin (LT-IIb) Suppresses the Proinflammatory Potential of the B Subunit and Its Ability to Recruit and Interact with TLR2. Journal of Immunology, 2007, 178, 4811-4819.	0.8	35
40	In Vitro Induction of Immunoglobulin A (IgA)- and IgM-Secreting Plasma Blasts by Cholera Toxin Depends on T-Cell Help and Is Mediated by CD154 Up-Regulation and Inhibition of Gamma Interferon Synthesis. Infection and Immunity, 2007, 75, 1413-1423.	2.2	20
41	Perspectives on Mucosal Vaccines: Is Mucosal Tolerance a Barrier?. Journal of Immunology, 2007, 179, 5633-5638.	0.8	134
42	Mutants of Type II Heat-Labile Enterotoxin LT-IIa with Altered Ganglioside-Binding Activities and Diminished Toxicity Are Potent Mucosal Adjuvants. Infection and Immunity, 2007, 75, 621-633.	2.2	22
43	Gonococcal transferrin binding protein chimeras induce bactericidal and growth inhibitory antibodies in mice. Vaccine, 2007, 25, 7247-7260.	3.8	53
44	Biological Functions of IgA. , 2007, , 144-172.		11
45	Induction and recall of immune memory by mucosal immunization with a non-toxic recombinant enterotoxin-based chimeric protein. Immunology, 2005, 116, 051025020346014.	4.4	15
46	Immunologic Uniqueness of the Genital Tract: Challenge for Vaccine Development. American Journal of Reproductive Immunology, 2005, 53, 208-214.	1.2	146
47	Mucosal Immunology of Sexually Transmitted Diseases. , 2005, , 1693-1720.		11
48	Immunomodulation with Enterotoxins for the Generation of Secretory Immunity or Tolerance: Applications for Oral Infections. Journal of Dental Research, 2005, 84, 1104-1116.	5.2	56
49	Innate Humoral Defense Factors. , 2005, , 73-93.		9
50	Phylogeny and Comparative Physiology of IgA. , 2005, , 195-210.		13
51	Biological Activities of IgA. , 2005, , 267-289.		19
52	Microbial Evasion of IgA Functions. , 2005, , 291-303.		17
53	Differential Binding of Escherichia coli Enterotoxins LT-IIa and LT-IIb and of Cholera Toxin Elicits Differences in Apoptosis, Proliferation, and Activation of Lymphoid Cells. Infection and Immunity, 2005, 73, 2718-2727.	2.2	37
54	Mucosal Adjuvant Properties of Mutant LT-IIa and LT-IIb Enterotoxins That Exhibit Altered Ganglioside-Binding Activities. Infection and Immunity, 2005, 73, 1330-1342.	2.2	45

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55	Toll-Like Receptor 2 Mediates Cellular Activation by the B Subunits of Type II Heat-Labile Enterotoxins. <i>Infection and Immunity</i> , 2005, 73, 1343-1349.	2.2	71
56	Intranasal Administration of Recombinant <i>Neisseria gonorrhoeae</i> Transferrin Binding Proteins A and B Conjugated to the Cholera Toxin B Subunit Induces Systemic and Vaginal Antibodies in Mice. <i>Infection and Immunity</i> , 2005, 73, 3945-3953.	2.2	55
57	The Type II Heat-Labile Enterotoxins LT-IIa and LT-IIb and Their Respective B Pentamers Differentially Induce and Regulate Cytokine Production in Human Monocytic Cells. <i>Infection and Immunity</i> , 2004, 72, 6351-6358.	2.2	44
58	A Caries Vaccine?. <i>Caries Research</i> , 2004, 38, 230-235.	2.0	74
59	Mucosal Immunity. , 2003, , 63-79.		2
60	Interactions of Oral Pathogens With Toll-Like Receptors: Possible Role in Atherosclerosis. , 2002, 7, 72-78.		84
61	Identification and Characterization of a Nonimmunoglobulin Factor in Human Saliva That Inhibits <i>Streptococcus mutans</i> Glucosyltransferase. <i>Infection and Immunity</i> , 2002, 70, 1136-1142.	2.2	14
62	Dependence of Bacterial Protein Adhesins on Toll-Like Receptors for Proinflammatory Cytokine Induction. <i>Vaccine Journal</i> , 2002, 9, 403-411.	3.1	53
63	Immunization against dental caries. <i>Vaccine</i> , 2002, 20, 2027-2044.	3.8	100
64	Immunization for Protection of the Reproductive Tract: A Review. <i>American Journal of Reproductive Immunology</i> , 2002, 47, 265-268.	1.2	24
65	Humoral immune responses to microbial infections in the genital tract. <i>Microbes and Infection</i> , 2002, 4, 667-677.	1.9	120
66	Mechanisms of Immune Tolerance to Food Antigens in Humans. <i>Clinical Immunology</i> , 2001, 101, 158-168.	3.2	23
67	Long-term persistence and recall of immune responses in aged mice after mucosal immunization. <i>Oral Microbiology and Immunology</i> , 2001, 16, 170-177.	2.8	13
68	Urethral Cytokine and Immune Responses in <i>Chlamydia trachomatis</i> -Infected Males. <i>Infection and Immunity</i> , 2001, 69, 7178-7181.	2.2	48
69	Distinct Cytokine Regulation by Cholera Toxin and Type II Heat-Labile Toxins Involves Differential Regulation of CD40 Ligand on CD4+ T Cells. <i>Infection and Immunity</i> , 2001, 69, 4486-4492.	2.2	34
70	Intestinal Macrophages Lack CD14 and CD89 and Consequently Are Down-Regulated for LPS- and IgA-Mediated Activities. <i>Journal of Immunology</i> , 2001, 167, 2651-2656.	0.8	298
71	Recombinant Antigen-Enterotoxin A2/B Chimeric Mucosal Immunogens Differentially Enhance Antibody Responses and B7-Dependent Costimulation of CD4+ T Cells. <i>Infection and Immunity</i> , 2001, 69, 252-261.	2.2	30
72	Effect of Attenuated <i>Salmonella enterica</i> Serovar Typhimurium Expressing a <i>Streptococcus mutans</i> Antigen on Secondary Responses to the Cloned Protein. <i>Infection and Immunity</i> , 2001, 69, 6604-6611.	2.2	20

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73	Induction of mucosal immune responses in the human genital tract. FEMS Immunology and Medical Microbiology, 2000, 27, 351-355.	2.7	40
74	A method for quantification of absolute amounts of nucleic acids by (RT)-PCR and a new mathematical model for data analysis. Nucleic Acids Research, 2000, 28, 18e-18.	14.5	35
75	Comparative Analysis of the Mucosal Adjuvanticity of the Type II Heat-Labile Enterotoxins LT-IIa and LT-IIb. Infection and Immunity, 2000, 68, 281-287.	2.2	58
76	Generation of Female Genital Tract Antibody Responses by Local or Central (Common) Mucosal Immunization. Infection and Immunity, 2000, 68, 5539-5545.	2.2	66
77	Strategies of immunization against mucosal infections. Vaccine, 2000, 19, S122-S127.	3.8	24
78	Induction of mucosal immune responses in the human genital tract. FEMS Immunology and Medical Microbiology, 2000, 27, 351-355.	2.7	0
79	Intestinal IgA: novel views on its function in the defence of the largest mucosal surface. Gut, 1999, 44, 2-5.	12.1	199
80	Mucosal Immunity in the Genital Tract: Prospects for Vaccines Against Sexually Transmitted Diseases—A Review. American Journal of Reproductive Immunology, 1999, 42, 58-63.	1.2	27
81	Cholera Toxin B Subunit as an Immunomodulator for Mucosal Vaccine Delivery. Advances in Veterinary Medicine, 1999, 41, 105-114.	0.6	5
82	Secretory Immunity in Defense against Cariogenic Mutans Streptococci. Caries Research, 1999, 33, 4-15.	2.0	103
83	Protective Immunity against <i>Streptococcus mutans</i> Infection in Mice after Intranasal Immunization with the Glucan-Binding Region of <i>S. mutans</i> Glucosyltransferase. Infection and Immunity, 1999, 67, 6543-6549.	2.2	46
84	A Controlled Clinical Study of the Effect of Nasal Immunization with a <i>Streptococcus mutans</i> Antigen Alone or Incorporated into Liposomes on Induction of Immune Responses. Infection and Immunity, 1999, 67, 618-623.	2.2	59
85	Functional and Immunogenic Characterization of Two Cloned Regions of <i>Streptococcus mutans</i> Glucosyltransferase I. Infection and Immunity, 1999, 67, 810-816.	2.2	35
86	Limited Local and Systemic Antibody Responses to <i>Neisseria gonorrhoeae</i> during Uncomplicated Genital Infections. Infection and Immunity, 1999, 67, 3937-3946.	2.2	106
87	Induction of mucosal and systemic immune responses by intranasal immunization using recombinant cholera toxin B subunit as an adjuvant. Vaccine, 1998, 16, 286-292.	3.8	109
88	Passive and active protection against disorders of the gut. Veterinary Quarterly, 1998, 20, 83-87.	6.7	13
89	Cytokine and Antibody Responses in Women Infected with <i>Neisseria gonorrhoeae</i> : Effects of Concomitant Infections. Journal of Infectious Diseases, 1998, 178, 742-751.	4.0	104
90	Evaluation of Immunoglobulin A1 (IgA1) Protease and IgA1 Protease-Inhibitory Activity in Human Female Genital Infection with <i>Neisseria gonorrhoeae</i> . Infection and Immunity, 1998, 66, 5826-5832.	2.2	36

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91	Comparison of an Adherence Domain and a Structural Region of <i>Streptococcus mutans</i> Antigen I/II in Protective Immunity against Dental Caries in Rats after Intranasal Immunization. <i>Infection and Immunity</i> , 1998, 66, 1740-1743.	2.2	52
92	IgA antibody as a non-inflammatory regulator of immunity. <i>Biochemical Society Transactions</i> , 1997, 25, 466-470.	3.4	61
93	Mucosal immunoglobulins and their contribution to defence mechanisms: an overview. <i>Biochemical Society Transactions</i> , 1997, 25, 457-462.	3.4	39
94	Establishment of a <i>Streptococcus pneumoniae</i> nasopharyngeal colonization model in adult mice. <i>Microbial Pathogenesis</i> , 1997, 23, 127-137.	2.9	106
95	Current options for vaccine delivery systems by mucosal routes. <i>Journal of Controlled Release</i> , 1997, 48, 243-257.	9.9	58
96	Nasal lymphoid tissue, intranasal immunization, and compartmentalization of the common mucosal immune system. <i>Immunologic Research</i> , 1997, 16, 187-201.	2.9	169
97	Systemic and Mucosal Protective Immunity to Pneumococcal Surface Protein A. <i>Annals of the New York Academy of Sciences</i> , 1996, 797, 118-126.	3.8	61
98	Construction and oral immunogenicity of a <i>Salmonella typhimurium</i> strain expressing a streptococcal adhesin linked to the A2/B subunits of cholera toxin. <i>Vaccine</i> , 1996, 14, 1545-1548.	3.8	20
99	Dual function of human IgA antibodies: inhibition of phagocytosis in circulating neutrophils and enhancement of responses in IL-8-stimulated cells. <i>Journal of Leukocyte Biology</i> , 1995, 57, 875-882.	3.3	65
100	Compartmentalization within the Common Mucosal Immune System. <i>Advances in Experimental Medicine and Biology</i> , 1995, 371A, 97-101.	1.6	47
101	Secretory IgA response in oral immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1994, 49, 760-765.	5.7	16
102	All Forms of Human IgA Antibodies Bound to Antigen Interfere with Complement (C3) Fixation Induced by IgG or by Antigen Alone. <i>Scandinavian Journal of Immunology</i> , 1994, 39, 275-280.	2.7	41
103	Comparison of systemic and mucosal priming for mucosal immune responses to a bacterial protein antigen given with or coupled to cholera toxin (CT) B subunit. <i>Vaccine</i> , 1994, 12, 215-222.	3.8	36
104	Affinity and Specificity of the Interactions between <i>Streptococcus mutans</i> Antigen I/II and Salivary Components. <i>Journal of Dental Research</i> , 1994, 73, 1493-1502.	5.2	107
105	Function of Mucosal Immunoglobulins. <i>Infection and Immunity</i> , 1994, 60, 127-137.		55
106	Serum antibody responses to <i>Streptococcus mutans</i> antigens in humans systemically infected with oral streptococci. <i>Oral Microbiology and Immunology</i> , 1992, 7, 321-325.	2.8	32
107	Liposomes and Conjugate Vaccines for Antigen Delivery and Induction of Mucosal Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 1992, 327, 191-198.	1.6	38
108	Peroral Immunization with a Cholera Toxin-Linked Bacterial Protein Antigen and Synthetic Peptide. <i>Advances in Experimental Medicine and Biology</i> , 1992, 327, 199-207.	1.6	5

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109	Selective Transport of IgA. <i>Gastroenterology Clinics of North America</i> , 1991, 20, 441-471.	2.2	112
110	<i>Streptococcus Mutans</i> And The Problem of Heart Cross-Reactivity. <i>Critical Reviews in Oral Biology and Medicine</i> , 1990, 1, 191-205.	4.4	16
111	Interaction between surface protein antigens of <i>Streptococcus mutans</i> and human salivary components. <i>Oral Microbiology and Immunology</i> , 1989, 4, 106-111.	2.8	107
112	Anti-inflammatory activity of human IgA antibodies and their Fab μ fragments: inhibition of IgG-mediated complement activation. <i>European Journal of Immunology</i> , 1989, 19, 2243-2249.	2.9	157
113	Complement-Fixing Properties of Human IgA Antibodies Alternative Pathway Complement Activation by Plastic-Bound, But Not Specific Antigen-Bound, IgA. <i>Scandinavian Journal of Immunology</i> , 1989, 30, 175-183.	2.7	99
114	Role of hepatocytes in the uptake of IgA and IgA-containing immune complexes in mice. <i>Molecular Immunology</i> , 1988, 25, 873-879.	2.2	20
115	IgA antibody-producing cells in peripheral blood after antigen ingestion: evidence for a common mucosal immune system in humans.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 2449-2453.	7.1	265
116	Striking Elevation of Serum IgA, IgA-Containing Immune Complexes, and IgA Rheumatoid Factor in Clinically Silent Dermatitis Herpetiformis. <i>American Journal of Kidney Diseases</i> , 1987, 10, 378-384.	1.9	7
117	Analysis of heart-reactive antibodies induced in rabbits by immunization with <i>Streptococcus mutans</i> . <i>Journal of Oral Pathology and Medicine</i> , 1987, 16, 234-240.	2.7	21
118	The human IgA system: A reassessment. <i>Clinical Immunology and Immunopathology</i> , 1986, 40, 105-114.	2.0	224
119	Analysis of the hepatobiliary transport of IgA with monoclonal anti-idiotypic and anti-allotypic antibodies. <i>Molecular Immunology</i> , 1986, 23, 339-346.	2.2	15
120	Assay of human IgA subclass antibodies in serum and secretions by means of monoclonal antibodies. <i>Journal of Immunological Methods</i> , 1986, 87, 87-93.	1.4	67
121	IgA-associated renal diseases: Antibodies to environmental antigens in sera and deposition of immunoglobulins and antigens in glomeruli. <i>Journal of Clinical Immunology</i> , 1986, 6, 74-86.	3.8	134
122	Selective hepatobiliary transport of human polymeric IgA in mice. <i>Molecular Immunology</i> , 1984, 21, 907-914.	2.2	39
123	FUNCTION AND BIOSYNTHESIS OF POLYMERIC IgA. <i>Annals of the New York Academy of Sciences</i> , 1983, 409, 292-306.	3.8	10
124	IgA-MEDIATED HEPATOBILIARY CLEARANCE OF BACTERIAL ANTIGENS. <i>Annals of the New York Academy of Sciences</i> , 1983, 409, 871-872.	3.8	4
125	SELECTIVE HEPATOBILIARY TRANSPORT OF MONOCLONAL IgG, BUT NOT IgM ANTI-IDIOTYPIC ANTIBODIES, BY IgA. <i>Annals of the New York Academy of Sciences</i> , 1983, 409, 859-860.	3.8	11
126	Preferential transport of IgA and IgA-immune complexes to bile compared with other external secretions. <i>Molecular Immunology</i> , 1982, 19, 677-682.	2.2	58

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127	Researchers insecure. Nature, 1981, 292, 490-490.	27.8	0
128	IMMUNISATION WITH A PURIFIED PROTEIN FROM STREPTOCOCCUS MUTANS AGAINST DENTAL CARIES IN RHESUS MONKEYS. Lancet, The, 1980, 315, 995-996.	13.7	92
129	PASSIVE IMMUNISATION WITH SERUM AND IMMUNOGLOBULINS AGAINST DENTAL CARIES IN RHESUS MONKEYS. Lancet, The, 1978, 311, 693-695.	13.7	53
130	Characterisation of antigens extracted from cells and culture fluids of Streptococcus mutans serotype c. Archives of Oral Biology, 1978, 23, 7-15.	1.8	220
131	Intestinal Immunoglobulin A: Role in Host Defense. , 0, , 95-112.		2