

Katia Mangano

List of Publications by Year in descending order

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109
papers

2,647
citations

159525

30
h-index

243529

44
g-index

110
all docs

110
docs citations

110
times ranked

3574
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Group III Metabotropic Glutamate Receptors Inhibits the Production of RANTES in Glial Cell Cultures. <i>Journal of Neuroscience</i> , 2002, 22, 5403-5411.	1.7	79
2	Macrophage migration inhibitory factor (MIF) is necessary for progression of autoimmune diabetes mellitus. <i>Journal of Cellular Physiology</i> , 2008, 215, 665-675.	2.0	76
3	Preclinical evaluation of the PI3K/Akt/mTOR pathway in animal models of multiple sclerosis. <i>Oncotarget</i> , 2018, 9, 8263-8277.	0.8	75
4	The analysis of IL-1 beta and its naturally occurring inhibitors in multiple sclerosis: The elevation of IL-1 receptor antagonist and IL-1 receptor type II after steroid therapy. <i>Journal of Neuroimmunology</i> , 2009, 207, 101-106.	1.1	72
5	Emerging therapeutic targets for the treatment of hepatic fibrosis. <i>Drug Discovery Today</i> , 2016, 21, 369-375.	3.2	71
6	Treatment with rapamycin ameliorates clinical and histological signs of protracted relapsing experimental allergic encephalomyelitis in Dark Agouti rats and induces expansion of peripheral CD4+CD25+Foxp3+ regulatory T cells. <i>Journal of Autoimmunity</i> , 2009, 33, 135-140.	3.0	70
7	Contribution of the macrophage migration inhibitory factor superfamily of cytokines in the pathogenesis of preclinical and human multiple sclerosis: In silico and in vivo evidences. <i>Journal of Neuroimmunology</i> , 2018, 322, 46-56.	1.1	69
8	Anticancer properties of the novel nitric oxide-donating compound (<i>S</i> , <i>R</i>)-3-phenyl-4,5-dihydro-5-isoxazole acetic acid-nitric oxide <i>in vitro</i> and <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2008, 7, 510-520.	1.9	68
9	Pharmacological application of carbon monoxide ameliorates islet-directed autoimmunity in mice via anti-inflammatory and anti-apoptotic effects. <i>Diabetologia</i> , 2014, 57, 980-990.	2.9	66
10	Prevention of clinical and histological signs of proteolipid protein (PLP)-induced experimental allergic encephalomyelitis (EAE) in mice by the water-soluble carbon monoxide-releasing molecule (CORM)-A1. <i>Clinical and Experimental Immunology</i> , 2011, 163, 368-374.	1.1	65
11	Macrophage migration inhibitory factor (MIF) seems crucially involved in Guillain-Barré syndrome and experimental allergic neuritis. <i>Journal of Neuroimmunology</i> , 2005, 168, 168-174.	1.1	63
12	In vitro, ex vivo and in vivo immunopharmacological activities of the isoxazoline compound VGX-1027: Modulation of cytokine synthesis and prevention of both organ-specific and systemic autoimmune diseases in murine models. <i>Clinical Immunology</i> , 2007, 123, 311-323.	1.4	61
13	Pathogenic role for macrophage migration inhibitory factor in glioblastoma and its targeting with specific inhibitors as novel tailored therapeutic approach. <i>Oncotarget</i> , 2018, 9, 17951-17970.	0.8	60
14	Protection against murine endotoxemia by treatment with <i>Ruta Chalepensis</i> L., a plant with anti-inflammatory properties. <i>Journal of Ethnopharmacology</i> , 2004, 90, 267-272.	2.0	55
15	Therapeutic potential of carbon monoxide in multiple sclerosis. <i>Clinical and Experimental Immunology</i> , 2012, 167, 179-187.	1.1	55
16	Inhibition of human immunodeficiency virus (HIV-1) infection in human peripheral blood leucocytes-SCID reconstituted mice by rapamycin. <i>Clinical and Experimental Immunology</i> , 2009, 155, 28-34.	1.1	53
17	Involvement of the Nrf2/HO-1/CO axis and therapeutic intervention with the CO-releasing molecule CORM-A1, in a murine model of autoimmune hepatitis. <i>Journal of Cellular Physiology</i> , 2018, 233, 4156-4165.	2.0	47
18	Identification of novel targets for the diagnosis and treatment of liver fibrosis. <i>International Journal of Molecular Medicine</i> , 2015, 36, 747-752.	1.8	46

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19	Antimicrobial properties of <i>Lactobacillus</i> cell-free supernatants against multidrug-resistant urogenital pathogens. <i>MicrobiologyOpen</i> , 2021, 10, e1173.	1.2	46
20	Heme oxygenase-1 expression in peripheral blood mononuclear cells correlates with disease activity in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2013, 261, 82-86.	1.1	45
21	Hypomethylating Agent 5-aza-2-deoxycytidine (DAC) Ameliorates Multiple Sclerosis in Mouse Models. <i>Journal of Cellular Physiology</i> , 2014, 229, 1918-1925.	2.0	45
22	Parkinson's disease is associated with increased serum levels of macrophage migration inhibitory factor. <i>Cytokine</i> , 2011, 55, 165-167.	1.4	41
23	Effects of a new combination of plant extracts plus-mannose for the management of uncomplicated recurrent urinary tract infections. <i>Journal of Chemotherapy</i> , 2018, 30, 107-114.	0.7	41
24	The antitumor properties of a nontoxic, nitric oxide-modified version of saquinavir are independent of Akt. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1169-1178.	1.9	38
25	VGX-1027 modulates genes involved in lipopolysaccharide-induced Toll-like receptor 4 activation and in a murine model of systemic lupus erythematosus. <i>Immunology</i> , 2014, 142, 594-602.	2.0	37
26	Detection of BRAF gene mutation in primary choroidal melanoma tissue. <i>Cancer Biology and Therapy</i> , 2006, 5, 225-227.	1.5	34
27	Carbon monoxide-releasing molecule-A1 (CORM-A1) improves clinical signs of experimental autoimmune uveoretinitis (EAU) in rats. <i>Clinical Immunology</i> , 2015, 157, 198-204.	1.4	33
28	A Potent Immunomodulatory Compound, (S,R)-3-Phenyl-4,5-dihydro-5-isoxazole Acetic Acid, Prevents Spontaneous and Accelerated Forms of Autoimmune Diabetes in NOD Mice and Inhibits the Immunoinflammatory Diabetes Induced by Multiple Low Doses of Streptozotocin in CBA/H Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 1038-1049.	1.3	32
29	Plasma Levels of Inflammatory Biomarkers in Peripheral Arterial Disease. <i>Angiology</i> , 2016, 67, 870-874.	0.8	32
30	The Role of Macrophage Migration Inhibitory Factor in Alzheimer's Disease: Conventionally Pathogenetic or Unconventionally Protective?. <i>Molecules</i> , 2020, 25, 291.	1.7	31
31	Cytotoxic and immune-sensitizing properties of nitric oxide-modified saquinavir in iNOS-positive human melanoma cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1803-1812.	2.0	30
32	Prevention of clinical and histological signs of MOG-induced experimental allergic encephalomyelitis by prolonged treatment with recombinant human EGF. <i>Journal of Neuroimmunology</i> , 2019, 332, 224-232.	1.1	29
33	Therapeutic Potential of Nitric Oxide-Modified Drugs in Colon Cancer Cells. <i>Molecular Pharmacology</i> , 2012, 82, 700-710.	1.0	28
34	Identification of CD4+ T cell biomarkers for predicting the response of patients with relapsing-remitting multiple sclerosis to natalizumab treatment. <i>Molecular Medicine Reports</i> , 2019, 20, 678-684.	1.1	27
35	Specific and Strain-Independent Effects of Dexamethasone in the Prevention and Treatment of Experimental Autoimmune Encephalomyelitis in Rodents. <i>Scandinavian Journal of Immunology</i> , 2010, 72, 396-407.	1.3	26
36	Variable effects of cyclophosphamide in rodent models of experimental allergic encephalomyelitis. <i>Clinical and Experimental Immunology</i> , 2009, 159, 159-168.	1.1	26

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37	Upregulated Expression of Macrophage Migration Inhibitory Factor, Its Analogue D-Dopachrome Tautomerase, and the CD44 Receptor in Peripheral CD4 T Cells from Clinically Isolated Syndrome Patients with Rapid Conversion to Clinical Defined Multiple Sclerosis. <i>Medicina (Lithuania)</i> , 2019, 55, 667.	0.8	26
38	Overexpression of Macrophage Migration Inhibitory Factor and Its Homologue D-Dopachrome Tautomerase as Negative Prognostic Factor in Neuroblastoma. <i>Brain Sciences</i> , 2019, 9, 284.	1.1	26
39	A review: Antibody-dependent enhancement in COVID-19: The not so friendly side of antibodies. <i>International Journal of Immunopathology and Pharmacology</i> , 2021, 35, 205873842110501.	1.0	26
40	Emerging Role of the Macrophage Migration Inhibitory Factor Family of Cytokines in Neuroblastoma. Pathogenic Effectors and Novel Therapeutic Targets?. <i>Molecules</i> , 2020, 25, 1194.	1.7	25
41	Oral Delivery of Particulate Transforming Growth Factor Beta 1 and All-Trans Retinoic Acid Reduces Gut Inflammation in Murine Models of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 647-658.	0.6	24
42	Efficacy of Intracolonic Administration of Low-Molecular-Weight Heparin CB-01-05, Compared to Other Low-Molecular-Weight Heparins and Unfractionated Heparin, in Experimentally Induced Colitis in Rat. <i>Digestive Diseases and Sciences</i> , 2008, 53, 3170-3175.	1.1	23
43	Influence of lactoferrin in preventing preterm delivery: A pilot study. <i>Molecular Medicine Reports</i> , 2011, 5, 162-6.	1.1	23
44	Modulation of Tetraspanin 32 (TSPAN32) Expression in T Cell-Mediated Immune Responses and in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4323.	1.8	23
45	KCNMA1 Expression is Downregulated in Colorectal Cancer via Epigenetic Mechanisms. <i>Cancers</i> , 2019, 11, 245.	1.7	23
46	Prediction of PD-L1 Expression in Neuroblastoma via Computational Modeling. <i>Brain Sciences</i> , 2019, 9, 221.	1.1	22
47	Association of chitotriosidase genotype with the development of non- α alcoholic fatty liver disease. <i>Hepatology Research</i> , 2013, 43, 267-275.	1.8	21
48	Immunomodulatory Effects of Bifidobacterium longum W11 Produced Exopolysaccharide on Cytokine Production. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 883-889.	0.9	21
49	Atopic Dermatitis as a Multifactorial Skin Disorder. Can the Analysis of Pathophysiological Targets Represent the Winning Therapeutic Strategy?. <i>Pharmaceuticals</i> , 2020, 13, 411.	1.7	21
50	Effects of NO-Hybridization on the Immunomodulatory Properties of the HIV Protease Inhibitors Lopinavir and Ritonavir. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 306-315.	1.2	19
51	Therapeutic Potential of Alpha-Lipoic Acid in Viral Infections, including COVID-19. <i>Antioxidants</i> , 2021, 10, 1294.	2.2	19
52	HE3286: A Novel Synthetic Steroid as an Oral Treatment for Autoimmune Disease. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, 781-790.	1.8	18
53	Unique antineoplastic profile of Saquinavir-NO, a novel NO-derivative of the protease inhibitor Saquinavir, on the in vitro and in vivo tumor formation of A375 human melanoma cells. <i>Oncology Reports</i> , 2012, 28, 682-688.	1.2	18
54	Senescence as a main mechanism of Ritonavir and Ritonavir-NO action against melanoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 1362-1375.	1.3	18

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55	Exacerbation of protracted-relapsing experimental allergic encephalomyelitis in DA rats by gluten-free diet. <i>Apmis</i> , 2004, 112, 651-5.	0.9	17
56	Expression of DNA methylation genes in secondary progressive multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2016, 290, 66-69.	1.1	17
57	Effects of Treatment with the Hypomethylating Agent 5-aza-2'-deoxycytidine in Murine Type II Collagen-Induced Arthritis. <i>Pharmaceuticals</i> , 2019, 12, 174.	1.7	17
58	Novel 3,3-disubstituted oxindole derivatives. Synthesis and evaluation of the anti-proliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126845.	1.0	17
59	Transcriptomic Analysis Reveals Involvement of the Macrophage Migration Inhibitory Factor Gene Network in Duchenne Muscular Dystrophy. <i>Genes</i> , 2019, 10, 939.	1.0	16
60	Analysis of interleukin (IL)-1beta IL-1 receptor antagonist, soluble IL-1 receptor type II and IL-1 accessory protein in HCV-associated lymphoproliferative disorders. <i>Oncology Reports</i> , 2006, 15, 1305-8.	1.2	16
61	The novel NO-donating compound GIT-27NO inhibits in vivo growth of human prostate cancer cells and prevents murine immunoinflammatory hepatitis. <i>European Journal of Pharmacology</i> , 2009, 615, 228-233.	1.7	15
62	Novel components of the human metabolome: The identification, characterization and anti-inflammatory activity of two 5-androstene tetrols. <i>Steroids</i> , 2011, 76, 145-155.	0.8	15
63	Calcium butyrate: Anti-inflammatory effect on experimental colitis in rats and antitumor properties. <i>Biomedical Reports</i> , 2014, 2, 559-563.	0.9	15
64	Evaluation of hyaluronic acid-P40 conjugated cream in a mouse model of dermatitis induced by oxazolone. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2439-2444.	0.8	15
65	The Dichotomic Role of Macrophage Migration Inhibitory Factor in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3023.	1.8	15
66	Anti-inflammatory and Immune Regulatory Properties of 5-Androsten-3 β , 17 β -Diol (HE2100), and Synthetic Analogue HE3204: Implications for Treatment of Autoimmune Diseases. <i>Annals of the New York Academy of Sciences</i> , 2005, 1051, 730-742.	1.8	14
67	In vitro inhibition of enterobacteria-reactive CD4+CD25 $^+$ T cells and suppression of immunoinflammatory colitis in mice by the novel immunomodulatory agent VGX-1027. <i>European Journal of Pharmacology</i> , 2008, 586, 313-321.	1.7	14
68	Saquinavir-NO-targeted S6 protein mediates sensitivity of androgen-dependent prostate cancer cells to TRAIL. <i>Cell Cycle</i> , 2012, 11, 1174-1182.	1.3	14
69	Comparative Study of Rapamycin and Tamsirolimus Demonstrates Superimposable Anti-Tumour Potency on Prostate Cancer Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 63-69.	1.2	14
70	Neopterin: A potential marker in chronic peripheral arterial disease. <i>Molecular Medicine Reports</i> , 2013, 7, 1855-1858.	1.1	13
71	Decitabine induces regulatory T cells, inhibits the production of IFN-gamma and IL-17 and exerts preventive and therapeutic efficacy in rodent experimental autoimmune neuritis. <i>Journal of Neuroimmunology</i> , 2018, 321, 41-48.	1.1	13
72	Impaired Expression of Tetraspanin 32 (TSPAN32) in Memory T Cells of Patients with Multiple Sclerosis. <i>Brain Sciences</i> , 2020, 10, 52.	1.1	13

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73	Exploratory Analysis of iPSCS-Derived Neuronal Cells as Predictors of Diagnosis and Treatment of Alzheimer Disease. <i>Brain Sciences</i> , 2020, 10, 166.	1.1	12
74	Oral treatment with HE3286 ameliorates disease in rodent models of rheumatoid arthritis. <i>International Journal of Molecular Medicine</i> , 2010, 25, 625-33.	1.8	11
75	HE3286, an oral synthetic steroid, treats lung inflammation in mice without immune suppression. <i>Journal of Inflammation</i> , 2010, 7, 52.	1.5	11
76	5-Androstenediol Ameliorates Pleurisy, Septic Shock, and Experimental Autoimmune Encephalomyelitis in Mice. <i>Autoimmune Diseases</i> , 2010, 2010, 1-8.	2.7	11
77	Macrophage Migration Inhibitory Factor (MIF) and Its Homologue D-Dopachrome Tautomerase (DDT) Inversely Correlate with Inflammation in Discoid Lupus Erythematosus. <i>Molecules</i> , 2021, 26, 184.	1.7	11
78	Immunomodulatory Properties of Cefaclor: In Vivo Effect on Cytokine Release and Lymphoproliferative Response in Rats. <i>Journal of Chemotherapy</i> , 2006, 18, 641-647.	0.7	9
79	HE3286, an orally bioavailable synthetic analogue of an active DHEA metabolite suppresses spontaneous autoimmune diabetes in the non-obese diabetic (NOD) mouse. <i>European Journal of Pharmacology</i> , 2011, 658, 257-262.	1.7	9
80	Saquinavir-NO inhibits S6 kinase activity, impairs secretion of the encephalytogenic cytokines interleukin-17 and interferon-gamma and ameliorates experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2013, 259, 55-65.	1.1	9
81	Acceleration of SLE-like syndrome development in NZBxNZW F1 mice by beta-glucan. <i>Lupus</i> , 2014, 23, 407-411.	0.8	9
82	Effects of the immunomodulator, VGX-1027, in endotoxin-induced uveitis in Lewis rats. <i>British Journal of Pharmacology</i> , 2008, 155, 722-730.	2.7	8
83	Preventive and curative effects of cyclophosphamide in an animal model of Guillain Barré syndrome. <i>Journal of Neuroimmunology</i> , 2008, 196, 107-115.	1.1	8
84	Profiling of inhibitory immune checkpoints in glioblastoma: Potential pathogenetic players. <i>Oncology Letters</i> , 2020, 20, 332.	0.8	8
85	16 α -Bromoepiandrosterone (HE2000) limits non-productive inflammation and stimulates immunity in lungs. <i>Clinical and Experimental Immunology</i> , 2009, 158, 308-316.	1.1	7
86	Apotransferrin inhibits interleukin-2 expression and protects mice from experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2013, 262, 72-78.	1.1	7
87	Immune-Modulating Drug MP1032 with SARS-CoV-2 Antiviral Activity In Vitro: A potential Multi-Target Approach for Prevention and Early Intervention Treatment of COVID-19. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8803.	1.8	7
88	The immunobiology of apotransferrin in type 1 diabetes. <i>Clinical and Experimental Immunology</i> , 2012, 169, 244-252.	1.1	6
89	Standardized bovine colostrum derivative impedes development of type 1 diabetes in rodents. <i>Immunobiology</i> , 2017, 222, 272-279.	0.8	6
90	Effects of Combined Administration of Imatinib and Sorafenib in a Murine Model of Liver Fibrosis. <i>Molecules</i> , 2020, 25, 4310.	1.7	6

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91	Curative effects of sodium fusidate on the development of dinitrobenzenesulfonic acid-induced colitis in rats. <i>Clinical Immunology</i> , 2003, 109, 266-271.	1.4	5
92	A Network Medicine Approach for Drug Repurposing in Duchenne Muscular Dystrophy. <i>Genes</i> , 2021, 12, 543.	1.0	5
93	Exacerbation of protracted-relapsing experimental allergic encephalomyelitis in DA rats by gluten-free diet. <i>Apmis</i> , 2004, 112, 651-5.	0.9	4
94	Phase II study of the antiretroviral activity and safety of the glucocorticoid receptor antagonist mifepristone in HIV-1-infected patients. <i>International Journal of Molecular Medicine</i> , 2011, 28, 437-42.	1.8	4
95	Oral Delivery of Encapsulated All-Trans Retinoic Acid Ameliorates Disease in Rodent Models of Colitis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 455-465.	0.9	4
96	Transcriptomic analysis reveals moderate modulation of macrophage migration inhibitory factor superfamily genes in alcohol use disorders. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1755-1762.	0.8	4
97	Saquinavir Inhibits IL-6 Production in Macrophages. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 115, 499-506.	1.2	3
98	Effects of GIT-27NO, a NO-donating compound, on hepatic ischemia/reperfusion injury. <i>International Journal of Immunopathology and Pharmacology</i> , 2019, 33, 205873841986273.	1.0	3
99	Potential Mucosal Irritation Discrimination of Surface Disinfectants Employed against SARS-CoV-2 by <i>Limacus flavus</i> Slug Mucosal Irritation Assay. <i>Biomedicines</i> , 2021, 9, 424.	1.4	3
100	Altered Expression of TSPAN32 during B Cell Activation and Systemic Lupus Erythematosus. <i>Genes</i> , 2021, 12, 931.	1.0	3
101	Characterization of Altered Molecular Pathways in the Entorhinal Cortex of Alzheimer's Disease Patients and In Silico Prediction of Potential Repurposable Drugs. <i>Genes</i> , 2022, 13, 703.	1.0	3
102	Computational Analysis of Pathogenetic Pathways in Alzheimer's Disease and Prediction of Potential Therapeutic Drugs. <i>Brain Sciences</i> , 2022, 12, 827.	1.1	3
103	Isoproterenol modulates matrix metalloproteinase-2 (MMP-2) and its tissue inhibitor-2 (TIMP-2) in rat parotid gland. <i>Archives of Oral Biology</i> , 2013, 58, 370-376.	0.8	2
104	No-Modified Saquinavir is Equally Efficient Against Doxorubicin Sensitive and Resistant Non-Small Cell Lung Carcinoma Cells / MODIFIKOVANA KOVANA FORMA SAKVINAVIRA EFIKASNO SU PRIMI RA RAST AĀELIJA NESITNOĀĀELIJSKOG KARCINOMA PLUĀĀ RAZLIĀĀEITE OSETUIVOSTI NA DOKSORUBICIN. <i>Journal of Medical Biochemistry</i> , 2013, 32, 406-416.	0.7	2
105	Transcriptomic Analysis Reveals Abnormal Expression of Prion Disease Gene Pathway in Brains from Patients with Autism Spectrum Disorders. <i>Brain Sciences</i> , 2020, 10, 200.	1.1	2
106	Transcriptomic Data Analysis Reveals a Down-Expression of Galectin-8 in Schizophrenia Hippocampus. <i>Brain Sciences</i> , 2021, 11, 973.	1.1	2
107	Prevention and Treatment of Lethal Murine Endotoxemia by the Novel Immunomodulatory Agent MFP-14. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1591-1594.	1.4	1
108	Expression and localization of prominin-1 in isoproterenol-treated rat parotid gland. <i>International Journal of Molecular Medicine</i> , 2010, 26, 505-10.	1.8	1

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109	T.84. Efficacy of a Novel Synthetic Steroid, TRIOLEX [®] ,c (17 β -ethynyl-5-androsten-3 β , 7 β , 17 β -triol), in Spontaneous Autoimmune Diabetes in the Non-Obese Diabetic (NOD) Mouse. <i>Clinical Immunology</i> , 2009, 131, S75.	1.4	0