James J Pestka

List of Publications by Year in Descending Order

174 papers	8,847 citations	50 h-index	87 g-index
178 ext. papers	9,782 ext. citations	4.2 avg, IF	6.61 L-index

#	Paper	IF	Citations
174	Fetal Liver-Derived Alveolar-like Macrophages: A Self-Replicating Ex Vivo Model of Alveolar Macrophages for Functional Genetic Studies.. *ImmunoHorizons*, **2022**, 6, 156-169	2.7	0
173	Silica Induction of Diverse Inflammatory Proteome in Lungs of Lupus-Prone Mice Quelled by Dietary Docosahexaenoic Acid Supplementation.. *Frontiers in Immunology*, **2021**, 12, 781446	8.4	0
172	Centrality of Myeloid-Lineage Phagocytes in Particle-Triggered Inflammation and Autoimmunity.. *Frontiers in Toxicology*, **2021**, 3, 777768	1.6	1
171	Dietary Docosahexaenoic Acid as a Potential Treatment for Semi-acute and Chronic Particle-Induced Pulmonary Inflammation in Balb/c Mice. *Inflammation*, **2021**, 1	5.1	0
170	Omega-3 Polyunsaturated Fatty Acid Intervention Against Established Autoimmunity in a Murine Model of Toxicant-Triggered Lupus. *Frontiers in Immunology*, **2021**, 12, 653464	8.4	5
169	Docosahexaenoic acid impacts macrophage phenotype subsets and phagolysosomal membrane permeability with particle exposure. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2021**, 84, 152-172	3.2	3
168	Rapid Induction of Pulmonary Inflammation, Autoimmune Gene Expression, and Ectopic Lymphoid Neogenesis Following Acute Silica Exposure in Lupus-Prone Mice. *Frontiers in Immunology*, **2021**, 12, 635138	8.4	5
167	Therapeutic treatment of dietary docosahexaenoic acid for particle-induced pulmonary inflammation in Balb/c mice. *Inflammation Research*, **2021**, 70, 359-373	7.2	0
166	Influence of total western diet on docosahexaenoic acid suppression of silica-triggered lupus flaring in NZBWF1 mice. *PLoS ONE*, **2020**, 15, e0233183	3.7	4
165	Consumption of the Total Western Diet Promotes Colitis and Inflammation-Associated Colorectal Cancer in Mice. *Nutrients*, **2020**, 12,	6.7	15
164	Docosahexaenoic Acid Supplementation Alters Gut Microbial Populations in Silica-Triggered Lupus-Prone NZBWF1 Mice Fed the Total Western Diet. *Current Developments in Nutrition*, **2020**, 4, 1598-1598	0.4	78
163	Dietary Postbiotics Reduced Cytotoxicity and IL-1 Cytokine Release Induced by Crystalline Silica in Lipopolysaccharide-Primed Macrophages. *Current Developments in Nutrition*, **2020**, 4, 1520-1520	0.4	78
162	Dynamics of Cancer- and Immune-Pathway Gene Expression During Colitis and Recovery from Gut Injury in Mice Fed the Total Western Diet. *Current Developments in Nutrition*, **2020**, 4, 347-347	0.4	78
161	Omega-3 Docosahexaenoic Acid (DHA) Impedes Silica-Induced Macrophage Corpse Accumulation by Attenuating Cell Death and Potentiating Efferocytosis. *Frontiers in Immunology*, **2020**, 11, 2179	8.4	3
160	Omega-3 fatty acid intake suppresses induction of diverse autoantibody repertoire by crystalline silica in lupus-prone mice. *Autoimmunity*, **2020**, 53, 415-433	3	8
159	Requisite Omega-3 HUFA Biomarker Thresholds for Preventing Murine Lupus Flaring. *Frontiers in Immunology*, **2020**, 11, 1796	8.4	8
158	Docosahexaenoic Acid (DHA) Suppresses Broad Spectrum of Pathogenic Autoantibodies Elicited in Murine Model of Lupus Flaring (OR12-03-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	1

157	Mapping of Dynamic Transcriptome Changes Associated With Silica-Triggered Autoimmune Pathogenesis in the Lupus-Prone NZBWF1 Mouse. *Frontiers in Immunology*, **2019**, 10, 632	8.4	12
156	Docosahexaenoic Acid Suppresses Silica-Induced Inflammasome Activation and IL-1 Cytokine Release by Interfering With Priming Signal. *Frontiers in Immunology*, **2019**, 10, 2130	8.4	13
155	Lupus, Silica, and Dietary Omega-3 Fatty Acid Interventions. *Toxicologic Pathology*, **2019**, 47, 1004-1011	2.1	11
154	Docosahexaenoic Acid Consumption Impedes Early Interferon- and Chemokine-Related Gene Expression While Suppressing Silica-Triggered Flaring of Murine Lupus. *Frontiers in Immunology*, **2019**, 10, 2851	8.4	12
153	Dietary Docosahexaenoic Acid Prevents Silica-Induced Development of Pulmonary Ectopic Germinal Centers and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse. *Frontiers in Immunology*, **2018**, 9, 2002	8.4	28
152	Potential roles for calcium-sensing receptor (CaSR) and transient receptor potential ankyrin-1 (TRPA1) in murine anorectic response to deoxynivalenol (vomitoxin). *Archives of Toxicology*, **2017**, 91, 495-507	5.8	24
151	Glucuronidation of deoxynivalenol (DON) by different animal species: identification of iso-DON glucuronides and iso-deepoxy-DON glucuronides as novel DON metabolites in pigs, rats, mice, and cows. *Archives of Toxicology*, **2017**, 91, 3857-3872	5.8	30
150	Calcium-Sensing Receptor and Transient Receptor Ankyrin-1 Mediate Emesis Induction by Deoxynivalenol (Vomitoxin). *Toxicological Sciences*, **2017**, 155, 32-42	4.4	19
149	Sex Is a Determinant for Deoxynivalenol Metabolism and Elimination in the Mouse. *Toxins*, **2017**, 9,	4.9	16
148	Emetic responses to T-2 toxin, HT-2 toxin and emetine correspond to plasma elevations of peptide YY3-36 and 5-hydroxytryptamine. *Archives of Toxicology*, **2016**, 90, 997-1007	5.8	23
147	Silica-Triggered Autoimmunity in Lupus-Prone Mice Blocked by Docosahexaenoic Acid Consumption. *PLoS ONE*, **2016**, 11, e0160622	3.7	22
146	Modeling the emetic potencies of food-borne trichothecenes by benchmark dose methodology. *Food and Chemical Toxicology*, **2016**, 94, 178-85	4.7	10
145	Deoxynivalenol (Vomitoxin)-Induced Cholecystokinin and Glucagon-Like Peptide-1 Release in the STC-1 Enteroendocrine Cell Model Is Mediated by Calcium-Sensing Receptor and Transient Receptor Potential Ankyrin-1 Channel. *Toxicological Sciences*, **2015**, 145, 407-17	4.4	39
144	Murine Anorectic Response to Deoxynivalenol (Vomitoxin) Is Sex-Dependent. *Toxins*, **2015**, 7, 2845-59	4.9	10
143	High Sensitivity of Aged Mice to Deoxynivalenol (Vomitoxin)-Induced Anorexia Corresponds to Elevated Proinflammatory Cytokine and Satiety Hormone Responses. *Toxins*, **2015**, 7, 4199-215	4.9	17
142	Silica Triggers Inflammation and Ectopic Lymphoid Neogenesis in the Lungs in Parallel with Accelerated Onset of Systemic Autoimmunity and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse. *PLoS ONE*, **2015**, 10, e0125481	3.7	43
141	Comparison of Anorectic Potencies of the Trichothecenes T-2 Toxin, HT-2 Toxin and Satratoxin G to the Ipecac Alkaloid Emetine. *Toxicology Reports*, **2015**, 2, 238-251	4.8	24
140	Dynamic changes in ribosome-associated proteome and phosphoproteome during deoxynivalenol-induced translation inhibition and ribotoxic stress. *Toxicological Sciences*, **2014**, 138, 217-33	4.4	28

139	Role of cholecystokinin in anorexia induction following oral exposure to the 8-ketotrichothecenes deoxynivalenol, 15-acetyldeoxynivalenol, 3-acetyldeoxynivalenol, fusarenon X, and nivalenol. *Toxicological Sciences*, **2014**, 138, 278-89	4.4	32
138	Comparison of anorectic and emetic potencies of deoxynivalenol (vomitoxin) to the plant metabolite deoxynivalenol-3-glucoside and synthetic deoxynivalenol derivatives EN139528 and EN139544. *Toxicological Sciences*, **2014**, 142, 167-81	4.4	32
137	Public health impacts of foodborne mycotoxins. *Annual Review of Food Science and Technology*, **2014**, 5, 351-72	14.7	335
136	Comparative effects of n-3, n-6 and n-9 unsaturated fatty acid-rich diet consumption on lupus nephritis, autoantibody production and CD4+ T cell-related gene responses in the autoimmune NZBWF1 mouse. *PLoS ONE*, **2014**, 9, e100255	3.7	42
135	Direct activation of ribosome-associated double-stranded RNA-dependent protein kinase (PKR) by deoxynivalenol, anisomycin and ricin: a new model for ribotoxic stress response induction. *Toxins*, **2014**, 6, 3406-25	4.9	39
134	Effects of oral exposure to naturally-occurring and synthetic deoxynivalenol congeners on proinflammatory cytokine and chemokine mRNA expression in the mouse. *Toxicology and Applied Pharmacology*, **2014**, 278, 107-15	4.6	39
133	Evaluation of insulin-like growth factor acid-labile subunit as a potential biomarker of effect for deoxynivalenol-induced proinflammatory cytokine expression. *Toxicology*, **2013**, 304, 192-8	4.4	9
132	Global protein phosphorylation dynamics during deoxynivalenol-induced ribotoxic stress response in the macrophage. *Toxicology and Applied Pharmacology*, **2013**, 268, 201-11	4.6	37
131	Deoxynivalenol-induced weight loss in the diet-induced obese mouse is reversible and PKR-independent. *Toxicology Letters*, **2013**, 221, 9-14	4.4	12
130	Comparison of emetic potencies of the 8-ketotrichothecenes deoxynivalenol, 15-acetyldeoxynivalenol, 3-acetyldeoxynivalenol, fusarenon X, and nivalenol. *Toxicological Sciences*, **2013**, 131, 279-91	4.4	37
129	Modulation of inflammatory gene expression by the ribotoxin deoxynivalenol involves coordinate regulation of the transcriptome and translatome. *Toxicological Sciences*, **2013**, 131, 153-63	4.4	19
128	Early phosphoproteomic changes in the mouse spleen during deoxynivalenol-induced ribotoxic stress. *Toxicological Sciences*, **2013**, 135, 129-43	4.4	21
127	Peptide YY3-36 and 5-hydroxytryptamine mediate emesis induction by trichothecene deoxynivalenol (vomitoxin). *Toxicological Sciences*, **2013**, 133, 186-95	4.4	42
126	The role of biomarkers in evaluating human health concerns from fungal contaminants in food. *Nutrition Research Reviews*, **2012**, 25, 162-79	7	122
125	Comparison of murine anorectic responses to the 8-ketotrichothecenes 3-acetyldeoxynivalenol, 15-acetyldeoxynivalenol, fusarenon X and nivalenol. *Food and Chemical Toxicology*, **2012**, 50, 2056-61	4.7	41
124	Mechanisms for ribotoxin-induced ribosomal RNA cleavage. *Toxicology and Applied Pharmacology*, **2012**, 265, 10-8	4.6	24
123	Satratoxin-G from the black mold Stachybotrys chartarum induces rhinitis and apoptosis of olfactory sensory neurons in the nasal airways of rhesus monkeys. *Toxicologic Pathology*, **2012**, 40, 887-98	2.1	29
122	Anorexia induction by the trichothecene deoxynivalenol (vomitoxin) is mediated by the release of the gut satiety hormone peptide YY. *Toxicological Sciences*, **2012**, 130, 289-97	4.4	71

121	Targets and intracellular signaling mechanisms for deoxynivalenol-induced ribosomal RNA cleavage. *Toxicological Sciences*, **2012**, 127, 382-90	4.4	37
120	Characterization of deoxynivalenol-induced anorexia using mouse bioassay. *Food and Chemical Toxicology*, **2011**, 49, 1863-9	4.7	43
119	Body composition and hormonal effects following exposure to mycotoxin deoxynivalenol in the high-fat diet-induced obese mouse. *Molecular Nutrition and Food Research*, **2011**, 55, 1070-8	5.9	17
118	ATP mediates neuroprotective and neuroproliferative effects in mouse olfactory epithelium following exposure to satratoxin G in vitro and in vivo. *Toxicological Sciences*, **2011**, 124, 169-78	4.4	20
117	Neurotoxic, inflammatory, and mucosecretory responses in the nasal airways of mice repeatedly exposed to the macrocyclic trichothecene mycotoxin roridin A: dose-response and persistence of injury. *Toxicologic Pathology*, **2010**, 38, 429-51	2.1	29
116	Hematopoietic cell kinase associates with the 40S ribosomal subunit and mediates the ribotoxic stress response to deoxynivalenol in mononuclear phagocytes. *Toxicological Sciences*, **2010**, 115, 444-52	4.4	44
115	Suppression of insulin-like growth factor acid-labile subunit expression--a novel mechanism for deoxynivalenol-induced growth retardation. *Toxicological Sciences*, **2010**, 113, 412-21	4.4	59
114	Pulmonary responses to Stachybotrys chartarum and its toxins: mouse strain affects clearance and macrophage cytotoxicity. *Toxicological Sciences*, **2010**, 116, 113-21	4.4	15
113	Kinetics of satratoxin g tissue distribution and excretion following intranasal exposure in the mouse. *Toxicological Sciences*, **2010**, 116, 433-40	4.4	12
112	DNA damage and DNA damage responses in THP-1 monocytes after exposure to spores of either Stachybotrys chartarum or Aspergillus versicolor or to T-2 toxin. *Toxicological Sciences*, **2010**, 115, 140-55	4.4	28
111	n-3 polyunsaturated fatty acids and autoimmune-mediated glomerulonephritis. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2010**, 82, 251-8	2.8	28
110	Deoxynivalenol-induced proinflammatory gene expression: mechanisms and pathological sequelae. *Toxins*, **2010**, 2, 1300-17	4.9	126
109	Deoxynivalenol: mechanisms of action, human exposure, and toxicological relevance. *Archives of Toxicology*, **2010**, 84, 663-79	5.8	646
108	INGESTION OF DEOXYNIVALENOL REDUCES DIET-INDUCED OBESITY IN THE MOUSE. *FASEB Journal*, **2010**, 24, 555.9	0.9	
107	Induction of suppressors of cytokine signaling by the trichothecene deoxynivalenol in the mouse. *Toxicological Sciences*, **2009**, 111, 277-87	4.4	47
106	Role of GRP78/BiP degradation and ER stress in deoxynivalenol-induced interleukin-6 upregulation in the macrophage. *Toxicological Sciences*, **2009**, 109, 247-55	4.4	46
105	Satratoxin G interaction with 40S and 60S ribosomal subunits precedes apoptosis in the macrophage. *Toxicology and Applied Pharmacology*, **2009**, 237, 137-45	4.6	19
104	Mechanisms for suppression of interleukin-6 expression in peritoneal macrophages from docosahexaenoic acid-fed mice. *Journal of Nutritional Biochemistry*, **2009**, 20, 358-68	6.3	25

103	Purification and comparative neurotoxicity of the trichothecenes satratoxin G and roridin L2 from Stachybotrys chartarum. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2009**, 72, 1242-51	3.2	19
102	Immunochemical assessment of deoxynivalenol tissue distribution following oral exposure in the mouse. *Toxicology Letters*, **2008**, 178, 83-7	4.4	70
101	Tissue distribution and proinflammatory cytokine gene expression following acute oral exposure to deoxynivalenol: comparison of weanling and adult mice. *Food and Chemical Toxicology*, **2008**, 46, 2826-31	4.7	66
100	Satratoxin G-induced apoptosis in PC-12 neuronal cells is mediated by PKR and caspase independent. *Toxicological Sciences*, **2008**, 105, 142-52	4.4	21
99	Double-stranded RNA-activated protein kinase mediates induction of interleukin-8 expression by deoxynivalenol, Shiga toxin 1, and ricin in monocytes. *Toxicological Sciences*, **2008**, 105, 322-30	4.4	47
98	Stachybotrys chartarum, trichothecene mycotoxins, and damp building-related illness: new insights into a public health enigma. *Toxicological Sciences*, **2008**, 104, 4-26	4.4	123
97	Deoxynivalenol induces p38 interaction with the ribosome in monocytes and macrophages. *Toxicological Sciences*, **2008**, 105, 59-66	4.4	39
96	Comparative induction of 28S ribosomal RNA cleavage by ricin and the trichothecenes deoxynivalenol and T-2 toxin in the macrophage. *Toxicological Sciences*, **2008**, 105, 67-78	4.4	60
95	Docosahexaenoic acid-enriched fish oil consumption modulates immunoglobulin responses to and clearance of enteric reovirus infection in mice. *Journal of Nutrition*, **2008**, 138, 813-9	4.1	15
94	Tissue distribution and proinflammatory cytokine induction by the trichothecene deoxynivalenol in the mouse: comparison of nasal vs. oral exposure. *Toxicology*, **2008**, 248, 39-44	4.4	61
93	Deoxynivalenol exacerbates viral bronchopneumonia induced by respiratory reovirus infection. *Toxicological Sciences*, **2007**, 95, 412-26	4.4	27
92	Transcriptional regulation of deoxynivalenol-induced IL-8 expression in human monocytes. *Toxicological Sciences*, **2007**, 99, 502-11	4.4	38
91	Neurotoxicity and inflammation in the nasal airways of mice exposed to the macrocyclic trichothecene mycotoxin roridin a: kinetics and potentiation by bacterial lipopolysaccharide coexposure. *Toxicological Sciences*, **2007**, 98, 526-41	4.4	52
90	Deoxynivalenol: Toxicity, mechanisms and animal health risks. *Animal Feed Science and Technology*, **2007**, 137, 283-298	3	379
89	LPS priming potentiates and prolongs proinflammatory cytokine response to the trichothecene deoxynivalenol in the mouse. *Toxicology and Applied Pharmacology*, **2006**, 211, 53-63	4.6	58
88	p38 Mitogen-activated protein kinase mediates IL-8 induction by the ribotoxin deoxynivalenol in human monocytes. *Toxicology and Applied Pharmacology*, **2006**, 213, 235-44	4.6	76
87	T-2 toxin impairment of enteric reovirus clearance in the mouse associated with suppressed immunoglobulin and IFN-gamma responses. *Toxicology and Applied Pharmacology*, **2006**, 214, 318-25	4.6	37
86	T-2 toxin impairs murine immune response to respiratory reovirus and exacerbates viral bronchiolitis. *Toxicology and Applied Pharmacology*, **2006**, 217, 76-85	4.6	37

85	Satratoxin G from the black mold Stachybotrys chartarum evokes olfactory sensory neuron loss and inflammation in the murine nose and brain. *Environmental Health Perspectives*, **2006**, 114, 1099-107	8.4	72
84	Toll-like receptor priming sensitizes macrophages to proinflammatory cytokine gene induction by deoxynivalenol and other toxicants. *Toxicological Sciences*, **2006**, 92, 445-55	4.4	62
83	Docosahexaenoic acid consumption inhibits deoxynivalenol-induced CREB/ATF1 activation and IL-6 gene transcription in mouse macrophages. *Journal of Nutrition*, **2006**, 136, 366-72	4.1	30
82	Attenuation of mycotoxin-induced IgA nephropathy by eicosapentaenoic acid in the mouse: dose response and relation to IL-6 expression. *Journal of Nutritional Biochemistry*, **2006**, 17, 697-706	6.3	28
81	Obesity-associated increases in acute phase protein expression and additive effects of leptin. *FASEB Journal*, **2006**, 20, A168	0.9	
80	Modulation of interleukin-6 (IL-6) expression and secretion in adipose tissue in vitro and in vivo by n-3 fatty acids. *FASEB Journal*, **2006**, 20, A559	0.9	
79	Role of cyclooxygenase-2 in deoxynivalenol-induced immunoglobulin a nephropathy. *Food and Chemical Toxicology*, **2005**, 43, 721-8	4.7	19
78	Truncated deoxynivalenol-induced splenic immediate early gene response in mice consuming (n-3) polyunsaturated fatty acids. *Journal of Nutritional Biochemistry*, **2005**, 16, 88-95	6.3	22
77	Induction of apoptosis and cytokine production in the Jurkat human T cells by deoxynivalenol: role of mitogen-activated protein kinases and comparison to other 8-ketotrichothecenes. *Toxicology*, **2005**, 206, 207-19	4.4	67
76	Comparative effects of the herbal constituent parthenolide (Feverfew) on lipopolysaccharide-induced inflammatory gene expression in murine spleen and liver. *Journal of Inflammation*, **2005**, 2, 6	6.7	21
75	Modulation of murine host response to enteric reovirus infection by the trichothecene deoxynivalenol. *Toxicological Sciences*, **2005**, 87, 134-45	4.4	63
74	Induction of competing apoptotic and survival signaling pathways in the macrophage by the ribotoxic trichothecene deoxynivalenol. *Toxicological Sciences*, **2005**, 87, 113-22	4.4	96
73	Deoxynivalenol: toxicology and potential effects on humans. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2005**, 8, 39-69	8.6	629
72	Ribotoxic stress response to the trichothecene deoxynivalenol in the macrophage involves the SRC family kinase Hck. *Toxicological Sciences*, **2005**, 85, 916-26	4.4	102
71	Gut Mucosal Immunotoxicology in Rodents **2005**, 197-210		1
70	Docosahexaenoic acid attenuates mycotoxin-induced immunoglobulin a nephropathy, interleukin-6 transcription, and mitogen-activated protein kinase phosphorylation in mice. *Journal of Nutrition*, **2004**, 134, 3343-9	4.1	29
69	Localization of satratoxin-G in Stachybotrys chartarum spores and spore-impacted mouse lung using immunocytochemistry. *Toxicologic Pathology*, **2004**, 32, 26-34	2.1	37
68	Gene expression profiling in spleens of deoxynivalenol-exposed mice: immediate early genes as primary targets. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2004**, 67, 1423-41	2.2	52

67	Cellular and molecular mechanisms for immune modulation by deoxynivalenol and other trichothecenes: unraveling a paradox. *Toxicology Letters*, **2004**, 153, 61-73	4.4	373
66	Docosahexaenoic acid and eicosapentaenoic acid, but not alpha-linolenic acid, suppress deoxynivalenol-induced experimental IgA nephropathy in mice. *Journal of Nutrition*, **2004**, 134, 1353-61	4.1	23
65	Immunochemical Assay for Satratoxin G and other Macrocyclic Trichothecenes Associated with Indoor Air Contamination by Stachybotrys chartarum. *Toxicology Mechanisms and Methods*, **2003**, 13, 247-52	3.6	27
64	Role of double-stranded RNA-activated protein kinase R (PKR) in deoxynivalenol-induced ribotoxic stress response. *Toxicological Sciences*, **2003**, 74, 335-44	4.4	139
63	Relationship of trichothecene structure to COX-2 induction in the macrophage: selective action of type B (8-keto) trichothecenes. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2003**, 66, 1967-83	3.2	37
62	Role of IL-1(beta) in endotoxin potentiation of deoxynivalenol-induced corticosterone response and leukocyte apoptosis in mice. *Toxicological Sciences*, **2003**, 74, 93-102	4.4	42
61	Modulation of lipopolysaccharide-induced proinflammatory cytokine production by satratoxins and other macrocyclic trichothecenes in the murine macrophage. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2003**, 66, 379-91	3.2	24
60	Molecular mechanisms of trichothecene toxicity. *Mycotoxins*, **2003**, 2003, 17-31	0.2	
59	Deoxynivalenol-induced mitogen-activated protein kinase phosphorylation and IL-6 expression in mice suppressed by fish oil. *Journal of Nutritional Biochemistry*, **2003**, 14, 717-26	6.3	57
58	Potentiation of trichothecene-induced leukocyte cytotoxicity and apoptosis by TNF-alpha and Fas activation. *Chemico-Biological Interactions*, **2003**, 146, 105-19	5	21
57	Differential induction of glucocorticoid-dependent apoptosis in murine lymphoid subpopulations in vivo following coexposure to lipopolysaccharide and vomitoxin (deoxynivalenol). *Toxicology and Applied Pharmacology*, **2003**, 187, 69-79	4.6	22
56	Cyclooxygenase-2 mediates interleukin-6 upregulation by vomitoxin (deoxynivalenol) in vitro and in vivo. *Toxicology and Applied Pharmacology*, **2003**, 187, 80-8	4.6	41
55	Kinetics of lipopolysaccharide-induced transcription factor activation/inactivation and relation to proinflammatory gene expression in the murine spleen. *Toxicology and Applied Pharmacology*, **2003**, 187, 147-61	4.6	32
54	Transcriptional and posttranscriptional roles for p38 mitogen-activated protein kinase in upregulation of TNF-alpha expression by deoxynivalenol (vomitoxin). *Toxicology and Applied Pharmacology*, **2003**, 193, 188-201	4.6	97
53	Up-regulation of macrophage inflammatory protein-2 and complement 3A receptor by the trichothecenes deoxynivalenol and satratoxin G. *Toxicology*, **2003**, 186, 51-65	4.4	50
52	Deoxynivalenol-induced IgA production and IgA nephropathy-aberrant mucosal immune response with systemic repercussions. *Toxicology Letters*, **2003**, 140-141, 287-95	4.4	87
51	An improved method for the purification of the trichothecene deoxynivalenol (vomitoxin) from Fusarium graminearum culture. *Journal of Agricultural and Food Chemistry*, **2003**, 51, 521-3	5.7	31
50	Modulation of lipopolysaccharide-induced proinflammatory cytokine production in vitro and in vivo by the herbal constituents apigenin (chamomile), ginsenoside Rb(1) (ginseng) and parthenolide (feverfew). *Food and Chemical Toxicology*, **2003**, 41, 1381-90	4.7	144

49	Rapid, sequential activation of mitogen-activated protein kinases and transcription factors precedes proinflammatory cytokine mRNA expression in spleens of mice exposed to the trichothecene vomitoxin. *Toxicological Sciences*, **2003**, 72, 130-42	4.4	130
48	Comparative susceptibility of B cells with different lineages to cytotoxicity and apoptosis induction by translational inhibitors. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2003**, 66, 2105-18	3.2	9
47	Dietary fish oil suppresses experimental immunoglobulin a nephropathy in mice. *Journal of Nutrition*, **2002**, 132, 261-9	4.1	22
46	Vomitoxin (deoxynivalenol)-mediated inhibition of nuclear protein binding to NRE-A, an IL-2 promoter negative regulatory element, in EL-4 cells. *Toxicology*, **2002**, 172, 169-79	4.4	11
45	Endotoxin potentiation of trichothecene-induced lymphocyte apoptosis is mediated by up-regulation of glucocorticoids. *Toxicology and Applied Pharmacology*, **2002**, 180, 43-55	4.6	52
44	Vomitoxin-induced cyclooxygenase-2 gene expression in macrophages mediated by activation of ERK and p38 but not JNK mitogen-activated protein kinases. *Toxicological Sciences*, **2002**, 69, 373-82	4.4	131
43	Effects of vomitoxin (deoxynivalenol) on the binding of transcription factors AP-1, NF-kappaB, and NF-IL6 in raw 264.7 macrophage cells. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2002**, 65, 1161-80	3.2	45
42	Superinduction of TNF-alpha and IL-6 in macrophages by vomitoxin (deoxynivalenol) modulated by mRNA stabilization. *Toxicology*, **2001**, 161, 139-49	4.4	51
41	Differential upregulation of TNF-alpha, IL-6, and IL-8 production by deoxynivalenol (vomitoxin) and other 8-ketotrichothecenes in a human macrophage model. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2001**, 64, 619-36	3.2	73
40	Elisa to quantify hexanal-protein adducts in a meat model system. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 3017-23	5.7	7
39	Down-regulation of the endoplasmic reticulum chaperone GRP78/BiP by vomitoxin (Deoxynivalenol). *Toxicology and Applied Pharmacology*, **2000**, 162, 207-17	4.6	47
38	Modulation of transcription factor AP-1 activity in murine EL-4 thymoma cells by vomitoxin (deoxynivalenol). *Toxicology and Applied Pharmacology*, **2000**, 163, 17-25	4.6	36
37	Apoptosis induction by the satratoxins and other trichothecene mycotoxins: relationship to ERK, p38 MAPK, and SAPK/JNK activation. *Toxicology and Applied Pharmacology*, **2000**, 164, 149-60	4.6	229
36	Ex vivo effects of lactobacilli, streptococci, and bifidobacteria ingestion on cytokine and nitric oxide production in a murine model. *Journal of Food Protection*, **1999**, 62, 162-9	2.5	53
35	Proinflammatory cytokine and nitric oxide induction in murine macrophages by cell wall and cytoplasmic extracts of lactic acid bacteria. *Journal of Food Protection*, **1999**, 62, 1435-44	2.5	102
34	Role of macrophages in elevated IgA and IL-6 production by Peyer's patch cultures following acute oral vomitoxin exposure. *Toxicology and Applied Pharmacology*, **1998**, 148, 261-73	4.6	38
33	Induction of cytokine gene expression in mice after repeated and subchronic oral exposure to vomitoxin (Deoxynivalenol): differential toxin-induced hyporesponsiveness and recovery. *Toxicology and Applied Pharmacology*, **1998**, 151, 347-58	4.6	61
32	Modulation of nitric oxide, hydrogen peroxide and cytokine production in a clonal macrophage model by the trichothecene vomitoxin (deoxynivalenol). *Toxicology*, **1998**, 125, 203-14	4.4	58

31	Stimulation of cytokine production in clonal macrophage and T-cell models by Streptococcus thermophilus: comparison with Bifidobacterium sp. and Lactobacillus bulgaricus. *Journal of Food Protection*, **1998**, 61, 859-64	2.5	74
30	Production of polyclonal antibody against ergosterol hemisuccinate using Freund's and Titermax adjuvants. *Journal of Food Protection*, **1998**, 61, 1060-3	2.5	7
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