

# James J Pestka

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9426212/james-j-pestka-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Deoxynivalenol: mechanisms of action, human exposure, and toxicological relevance. <i>Archives of Toxicology</i> , <b>2010</b> , 84, 663-79	5.8	646
173	Deoxynivalenol: toxicology and potential effects on humans. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2005</b> , 8, 39-69	8.6	629
172	Deoxynivalenol: Toxicity, mechanisms and animal health risks. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 137, 283-298	3	379
171	Cellular and molecular mechanisms for immune modulation by deoxynivalenol and other trichothecenes: unraveling a paradox. <i>Toxicology Letters</i> , <b>2004</b> , 153, 61-73	4.4	373
170	Public health impacts of foodborne mycotoxins. <i>Annual Review of Food Science and Technology</i> , <b>2014</b> , 5, 351-72	14.7	335
169	Apoptosis induction by the satratoxins and other trichothecene mycotoxins: relationship to ERK, p38 MAPK, and SAPK/JNK activation. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 164, 149-60	4.6	229
168	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). <i>Food and Chemical Toxicology</i> , <b>2003</b> , 41, 1381-90	4.7	144
167	Role of double-stranded RNA-activated protein kinase R (PKR) in deoxynivalenol-induced ribotoxic stress response. <i>Toxicological Sciences</i> , <b>2003</b> , 74, 335-44	4.4	139
166	Vomitoxin-induced cyclooxygenase-2 gene expression in macrophages mediated by activation of ERK and p38 but not JNK mitogen-activated protein kinases. <i>Toxicological Sciences</i> , <b>2002</b> , 69, 373-82	4.4	131
165	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. <i>Toxicological Sciences</i> , <b>2003</b> , 72, 130-42	4.4	130
164	Deoxynivalenol-induced proinflammatory gene expression: mechanisms and pathological sequelae. <i>Toxins</i> , <b>2010</b> , 2, 1300-17	4.9	126
163	Stachybotrys chartarum, trichothecene mycotoxins, and damp building-related illness: new insights into a public health enigma. <i>Toxicological Sciences</i> , <b>2008</b> , 104, 4-26	4.4	123
162	The role of biomarkers in evaluating human health concerns from fungal contaminants in food. <i>Nutrition Research Reviews</i> , <b>2012</b> , 25, 162-79	7	122
161	Differential cytokine mRNA expression in mice after oral exposure to the trichothecene vomitoxin (deoxynivalenol): dose response and time course. <i>Toxicology and Applied Pharmacology</i> , <b>1997</b> , 144, 294-305	4.6	113
160	Ribotoxic stress response to the trichothecene deoxynivalenol in the macrophage involves the SRC family kinase Hck. <i>Toxicological Sciences</i> , <b>2005</b> , 85, 916-26	4.4	102
159	Proinflammatory cytokine and nitric oxide induction in murine macrophages by cell wall and cytoplasmic extracts of lactic acid bacteria. <i>Journal of Food Protection</i> , <b>1999</b> , 62, 1435-44	2.5	102
158	Transcriptional and posttranscriptional roles for p38 mitogen-activated protein kinase in upregulation of TNF-alpha expression by deoxynivalenol (vomitoxin). <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 193, 188-201	4.6	97

157	Induction of competing apoptotic and survival signaling pathways in the macrophage by the ribotoxic trichothecene deoxynivalenol. <i>Toxicological Sciences</i> , <b>2005</b> , 87, 113-22	4.4	96
156	Deoxynivalenol-induced IgA production and IgA nephropathy-aberrant mucosal immune response with systemic repercussions. <i>Toxicology Letters</i> , <b>2003</b> , 140-141, 287-95	4.4	87
155	Enzyme-linked immunosorbent assay employing monoclonal antibody specific for deoxynivalenol (vomitoxin) and several analogs. <i>Journal of Agricultural and Food Chemistry</i> , <b>1988</b> , 36, 663-668	5.7	80
154	Docosahexaenoic Acid Supplementation Alters Gut Microbial Populations in Silica-Triggered Lupus-Prone NZBWF1 Mice Fed the Total Western Diet. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 1598-1598	0.4	78
153	Dietary Postbiotics Reduced Cytotoxicity and IL-1 Cytokine Release Induced by Crystalline Silica in Lipopolysaccharide-Primed Macrophages. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 1520-1520	0.4	78
152	Dynamics of Cancer- and Immune-Pathway Gene Expression During Colitis and Recovery from Gut Injury in Mice Fed the Total Western Diet. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 347-347	0.4	78
151	p38 Mitogen-activated protein kinase mediates IL-8 induction by the ribotoxin deoxynivalenol in human monocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 213, 235-44	4.6	76
150	Stimulation of cytokine production in clonal macrophage and T-cell models by <i>Streptococcus thermophilus</i> : comparison with <i>Bifidobacterium</i> sp. and <i>Lactobacillus bulgaricus</i> . <i>Journal of Food Protection</i> , <b>1998</b> , 61, 859-64	2.5	74
149	Differential upregulation of TNF-alpha, IL-6, and IL-8 production by deoxynivalenol (vomitoxin) and other 8-ketotrichothecenes in a human macrophage model. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2001</b> , 64, 619-36	3.2	73
148	Satratoxin G from the black mold <i>Stachybotrys chartarum</i> evokes olfactory sensory neuron loss and inflammation in the murine nose and brain. <i>Environmental Health Perspectives</i> , <b>2006</b> , 114, 1099-107	8.4	72
147	Anorexia induction by the trichothecene deoxynivalenol (vomitoxin) is mediated by the release of the gut satiety hormone peptide YY. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 289-97	4.4	71
146	Comparative Assessment of Fumonisin in Grain-Based Foods by ELISA, GC-MS, and HPLC. <i>Journal of Food Protection</i> , <b>1994</b> , 57, 169-172	2.5	71
145	Immunochemical assessment of deoxynivalenol tissue distribution following oral exposure in the mouse. <i>Toxicology Letters</i> , <b>2008</b> , 178, 83-7	4.4	70
144	Dietary exposure to the trichothecene vomitoxin (deoxynivalenol) stimulates terminal differentiation of Peyer's patch B cells to IgA secreting plasma cells. <i>Toxicology and Applied Pharmacology</i> , <b>1991</b> , 108, 520-30	4.6	70
143	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. <i>Toxicology</i> , <b>2005</b> , 206, 207-19	4.4	67
142	Effects of mycotoxins on cytokine production and proliferation in EL-4 thymoma cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1996</b> , 48, 379-96	3.2	67
141	Tissue distribution and proinflammatory cytokine gene expression following acute oral exposure to deoxynivalenol: comparison of weanling and adult mice. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 2826-34	4.7	66
140	Modulation of murine host response to enteric reovirus infection by the trichothecene deoxynivalenol. <i>Toxicological Sciences</i> , <b>2005</b> , 87, 134-45	4.4	63

139	Toll-like receptor priming sensitizes macrophages to proinflammatory cytokine gene induction by deoxynivalenol and other toxicants. <i>Toxicological Sciences</i> , <b>2006</b> , 92, 445-55	4.4	62
138	Induction of cytokine gene expression in mice after repeated and subchronic oral exposure to vomitoxin (Deoxynivalenol): differential toxin-induced hyporesponsiveness and recovery. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 151, 347-58	4.6	61
137	Tissue distribution and proinflammatory cytokine induction by the trichothecene deoxynivalenol in the mouse: comparison of nasal vs. oral exposure. <i>Toxicology</i> , <b>2008</b> , 248, 39-44	4.4	61
136	Comparative induction of 28S ribosomal RNA cleavage by ricin and the trichothecenes deoxynivalenol and T-2 toxin in the macrophage. <i>Toxicological Sciences</i> , <b>2008</b> , 105, 67-78	4.4	60
135	Suppression of insulin-like growth factor acid-labile subunit expression--a novel mechanism for deoxynivalenol-induced growth retardation. <i>Toxicological Sciences</i> , <b>2010</b> , 113, 412-21	4.4	59
134	Modulation of nitric oxide, hydrogen peroxide and cytokine production in a clonal macrophage model by the trichothecene vomitoxin (deoxynivalenol). <i>Toxicology</i> , <b>1998</b> , 125, 203-14	4.4	58
133	LPS priming potentiates and prolongs proinflammatory cytokine response to the trichothecene deoxynivalenol in the mouse. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 211, 53-63	4.6	58
132	Deoxynivalenol-induced mitogen-activated protein kinase phosphorylation and IL-6 expression in mice suppressed by fish oil. <i>Journal of Nutritional Biochemistry</i> , <b>2003</b> , 14, 717-26	6.3	57
131	Ex vivo effects of lactobacilli, streptococci, and bifidobacteria ingestion on cytokine and nitric oxide production in a murine model. <i>Journal of Food Protection</i> , <b>1999</b> , 62, 162-9	2.5	53
130	Neurotoxicity and inflammation in the nasal airways of mice exposed to the macrocyclic trichothecene mycotoxin roridin a: kinetics and potentiation by bacterial lipopolysaccharide coexposure. <i>Toxicological Sciences</i> , <b>2007</b> , 98, 526-41	4.4	52
129	Gene expression profiling in spleens of deoxynivalenol-exposed mice: immediate early genes as primary targets. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2004</b> , 67, 1423-41 <sup>2</sup>	4.2	52
128	Endotoxin potentiation of trichothecene-induced lymphocyte apoptosis is mediated by up-regulation of glucocorticoids. <i>Toxicology and Applied Pharmacology</i> , <b>2002</b> , 180, 43-55	4.6	52
127	Potential role for IL-5 and IL-6 in enhanced IgA secretion by Peyer's patch cells isolated from mice acutely exposed to vomitoxin. <i>Toxicology</i> , <b>1997</b> , 122, 145-58	4.4	51
126	Superinduction of TNF-alpha and IL-6 in macrophages by vomitoxin (deoxynivalenol) modulated by mRNA stabilization. <i>Toxicology</i> , <b>2001</b> , 161, 139-49	4.4	51
125	Effects of vomitoxin (deoxynivalenol) on transcription factor NF-kappa B/Rel binding activity in murine EL-4 thymoma and primary CD4+ T cells. <i>Toxicology and Applied Pharmacology</i> , <b>1996</b> , 140, 328-36 <sup>4.6</sup>	4.6	51
124	Up-regulation of macrophage inflammatory protein-2 and complement 3A receptor by the trichothecenes deoxynivalenol and satratoxin G. <i>Toxicology</i> , <b>2003</b> , 186, 51-65	4.4	50
123	Vomitoxin (deoxynivalenol)-induced IgA nephropathy in the B6C3F1 mouse: dose response and male predilection. <i>Toxicology</i> , <b>1994</b> , 92, 245-60	4.4	48
122	Induction of suppressors of cytokine signaling by the trichothecene deoxynivalenol in the mouse. <i>Toxicological Sciences</i> , <b>2009</b> , 111, 277-87	4.4	47

121	Double-stranded RNA-activated protein kinase mediates induction of interleukin-8 expression by deoxynivalenol, Shiga toxin 1, and ricin in monocytes. <i>Toxicological Sciences</i> , <b>2008</b> , 105, 322-30	4.4	47
120	Down-regulation of the endoplasmic reticulum chaperone GRP78/BiP by vomitoxin (Deoxynivalenol). <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 162, 207-17	4.6	47
119	Role of GRP78/BiP degradation and ER stress in deoxynivalenol-induced interleukin-6 upregulation in the macrophage. <i>Toxicological Sciences</i> , <b>2009</b> , 109, 247-55	4.4	46
118	Effects of vomitoxin (deoxynivalenol) on the binding of transcription factors AP-1, NF-kappaB, and NF-IL6 in raw 264.7 macrophage cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2002</b> , 65, 1161-80	3.2	45
117	Hematopoietic cell kinase associates with the 40S ribosomal subunit and mediates the ribotoxic stress response to deoxynivalenol in mononuclear phagocytes. <i>Toxicological Sciences</i> , <b>2010</b> , 115, 444-52	4.4	44
116	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. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125481	3.7	43
115	Characterization of deoxynivalenol-induced anorexia using mouse bioassay. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 1863-9	4.7	43
114	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. <i>PLoS ONE</i> , <b>2014</b> , 9, e100255	3.7	42
113	Peptide YY3-36 and 5-hydroxytryptamine mediate emesis induction by trichothecene deoxynivalenol (vomitoxin). <i>Toxicological Sciences</i> , <b>2013</b> , 133, 186-95	4.4	42
112	Role of IL-1(beta) in endotoxin potentiation of deoxynivalenol-induced corticosterone response and leukocyte apoptosis in mice. <i>Toxicological Sciences</i> , <b>2003</b> , 74, 93-102	4.4	42
111	Comparison of murine anorectic responses to the 8-ketotrichothecenes 3-acetyldeoxynivalenol, 15-acetyldeoxynivalenol, fusarenon X and nivalenol. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2056-61	4.7	41
110	Cyclooxygenase-2 mediates interleukin-6 upregulation by vomitoxin (deoxynivalenol) in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 187, 80-8	4.6	41
109	Enhanced Surveillance of Foodborne Mycotoxins by Immunochemical Assay. <i>Journal of the Association of Official Analytical Chemists</i> , <b>1988</b> , 71, 1075-1081		41
108	Vomitoxin-Mediated IL-2, IL-4, and IL-5 Superinduction in Murine CD4+T Cells Stimulated with Phorbol Ester and Calcium Ionophore: Relation to Kinetics of Proliferation. <i>Toxicology and Applied Pharmacology</i> , <b>1996</b> , 138, 324-334	4.6	40
107	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. <i>Toxicological Sciences</i> , <b>2015</b> , 145, 407-17	4.4	39
106	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. <i>Toxins</i> , <b>2014</b> , 6, 3406-25	4.9	39
105	Effects of oral exposure to naturally-occurring and synthetic deoxynivalenol congeners on proinflammatory cytokine and chemokine mRNA expression in the mouse. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 278, 107-15	4.6	39
104	Deoxynivalenol induces p38 interaction with the ribosome in monocytes and macrophages. <i>Toxicological Sciences</i> , <b>2008</b> , 105, 59-66	4.4	39

103	Role of macrophages in elevated IgA and IL-6 production by Peyer's patch cultures following acute oral vomitoxin exposure. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 148, 261-73	4.6	38
102	Transcriptional regulation of deoxynivalenol-induced IL-8 expression in human monocytes. <i>Toxicological Sciences</i> , <b>2007</b> , 99, 502-11	4.4	38
101	Global protein phosphorylation dynamics during deoxynivalenol-induced ribotoxic stress response in the macrophage. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 268, 201-11	4.6	37
100	Comparison of emetic potencies of the 8-ketotrichothecenes deoxynivalenol, 15-acetyldeoxynivalenol, 3-acetyldeoxynivalenol, fusarenon X, and nivalenol. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 279-91	4.4	37
99	Targets and intracellular signaling mechanisms for deoxynivalenol-induced ribosomal RNA cleavage. <i>Toxicological Sciences</i> , <b>2012</b> , 127, 382-90	4.4	37
98	T-2 toxin impairment of enteric reovirus clearance in the mouse associated with suppressed immunoglobulin and IFN-gamma responses. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 214, 318-25	4.6	37
97	T-2 toxin impairs murine immune response to respiratory reovirus and exacerbates viral bronchiolitis. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 217, 76-85	4.6	37
96	Relationship of trichothecene structure to COX-2 induction in the macrophage: selective action of type B (8-keto) trichothecenes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 1967-83	3.2	37
95	Localization of satratoxin-G in <i>Stachybotrys chartarum</i> spores and spore-impacted mouse lung using immunocytochemistry. <i>Toxicologic Pathology</i> , <b>2004</b> , 32, 26-34	2.1	37
94	Modulation of transcription factor AP-1 activity in murine EL-4 thymoma cells by vomitoxin (deoxynivalenol). <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 163, 17-25	4.6	36
93	Inhibition of human lymphocyte transformation by the macrocyclic trichothecenes roridin A and verrucarin A. <i>Toxicology Letters</i> , <b>1988</b> , 41, 215-22	4.4	33
92	Role of cholecystokinin in anorexia induction following oral exposure to the 8-ketotrichothecenes deoxynivalenol, 15-acetyldeoxynivalenol, 3-acetyldeoxynivalenol, fusarenon X, and nivalenol. <i>Toxicological Sciences</i> , <b>2014</b> , 138, 278-89	4.4	32
91	Comparison of anorectic and emetic potencies of deoxynivalenol (vomitoxin) to the plant metabolite deoxynivalenol-3-glucoside and synthetic deoxynivalenol derivatives EN139528 and EN139544. <i>Toxicological Sciences</i> , <b>2014</b> , 142, 167-81	4.4	32
90	Kinetics of lipopolysaccharide-induced transcription factor activation/inactivation and relation to proinflammatory gene expression in the murine spleen. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 187, 147-61	4.6	32
89	An improved method for the purification of the trichothecene deoxynivalenol (vomitoxin) from <i>Fusarium graminearum</i> culture. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 521-3	5.7	31
88	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. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 3857-3872	5.8	30
87	Docosahexaenoic acid consumption inhibits deoxynivalenol-induced CREB/ATF1 activation and IL-6 gene transcription in mouse macrophages. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 366-72	4.1	30
86	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. <i>Toxicologic Pathology</i> , <b>2010</b> , 38, 429-51	2.1	29

85	Satratoxin-G from the black mold <i>Stachybotrys chartarum</i> induces rhinitis and apoptosis of olfactory sensory neurons in the nasal airways of rhesus monkeys. <i>Toxicologic Pathology</i> , <b>2012</b> , 40, 887-98 <sup>2,1</sup>	29
84	Docosahexaenoic acid attenuates mycotoxin-induced immunoglobulin a nephropathy, interleukin-6 transcription, and mitogen-activated protein kinase phosphorylation in mice. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 3343-9	4.1 29
83	Simultaneous Screening of Fumonisin B1, Aflatoxin B1, and Zearalenone by Line Immunoblot: A Computer-Assisted Multianalyte Assay System. <i>Journal of AOAC INTERNATIONAL</i> , <b>1994</b> , 77, 495-501	1.7 29
82	Dynamic changes in ribosome-associated proteome and phosphoproteome during deoxynivalenol-induced translation inhibition and ribotoxic stress. <i>Toxicological Sciences</i> , <b>2014</b> , 138, 217-33	4.4 28
81	DNA damage and DNA damage responses in THP-1 monocytes after exposure to spores of either <i>Stachybotrys chartarum</i> or <i>Aspergillus versicolor</i> or to T-2 toxin. <i>Toxicological Sciences</i> , <b>2010</b> , 115, 140-55	4.4 28
80	n-3 polyunsaturated fatty acids and autoimmune-mediated glomerulonephritis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2010</b> , 82, 251-8	2.8 28
79	Attenuation of mycotoxin-induced IgA nephropathy by eicosapentaenoic acid in the mouse: dose response and relation to IL-6 expression. <i>Journal of Nutritional Biochemistry</i> , <b>2006</b> , 17, 697-706	6.3 28
78	Dietary Docosahexaenoic Acid Prevents Silica-Induced Development of Pulmonary Ectopic Germinal Centers and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2002	8.4 28
77	Deoxynivalenol exacerbates viral bronchopneumonia induced by respiratory reovirus infection. <i>Toxicological Sciences</i> , <b>2007</b> , 95, 412-26	4.4 27
76	Immunochemical Assay for Satratoxin G and other Macrocytic Trichothecenes Associated with Indoor Air Contamination by <i>Stachybotrys chartarum</i> . <i>Toxicology Mechanisms and Methods</i> , <b>2003</b> , 13, 247-52	3.6 27
75	Mechanisms for suppression of interleukin-6 expression in peritoneal macrophages from docosahexaenoic acid-fed mice. <i>Journal of Nutritional Biochemistry</i> , <b>2009</b> , 20, 358-68	6.3 25
74	Potential roles for calcium-sensing receptor (CaSR) and transient receptor potential ankyrin-1 (TRPA1) in murine anorectic response to deoxynivalenol (vomitoxin). <i>Archives of Toxicology</i> , <b>2017</b> , 91, 495-507	5.8 24
73	Comparison of Anorectic Potencies of the Trichothecenes T-2 Toxin, HT-2 Toxin and Satratoxin G to the Ipecac Alkaloid Emetine. <i>Toxicology Reports</i> , <b>2015</b> , 2, 238-251	4.8 24
72	Mechanisms for ribotoxin-induced ribosomal RNA cleavage. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 265, 10-8	4.6 24
71	Modulation of lipopolysaccharide-induced proinflammatory cytokine production by satratoxins and other macrocytic trichothecenes in the murine macrophage. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 379-91	3.2 24
70	Role of gender and strain in vomitoxin-induced dysregulation of IgA production and IgA nephropathy in the mouse. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1994</b> , 43, 37-50	3.2 24
69	Emetic responses to T-2 toxin, HT-2 toxin and emetine correspond to plasma elevations of peptide YY3-36 and 5-hydroxytryptamine. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 997-1007	5.8 23
68	Docosahexaenoic acid and eicosapentaenoic acid, but not alpha-linolenic acid, suppress deoxynivalenol-induced experimental IgA nephropathy in mice. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 1353-61	4.1 23

67	Effects of <i>Lactobacillus</i> spp. on Cytokine Production by RAW 264.7 Macrophage and EL-4 Thymoma Cell Lines. <i>Journal of Food Protection</i> , <b>1997</b> , 60, 1364-1370	2.5	22
66	Dietary fish oil suppresses experimental immunoglobulin a nephropathy in mice. <i>Journal of Nutrition</i> , <b>2002</b> , 132, 261-9	4.1	22
65	Differential induction of glucocorticoid-dependent apoptosis in murine lymphoid subpopulations in vivo following coexposure to lipopolysaccharide and vomitoxin (deoxynivalenol). <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 187, 69-79	4.6	22
64	Truncated deoxynivalenol-induced splenic immediate early gene response in mice consuming (n-3) polyunsaturated fatty acids. <i>Journal of Nutritional Biochemistry</i> , <b>2005</b> , 16, 88-95	6.3	22
63	Silica-Triggered Autoimmunity in Lupus-Prone Mice Blocked by Docosahexaenoic Acid Consumption. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160622	3.7	22
62	Early phosphoproteomic changes in the mouse spleen during deoxynivalenol-induced ribotoxic stress. <i>Toxicological Sciences</i> , <b>2013</b> , 135, 129-43	4.4	21
61	Satratoxin G-induced apoptosis in PC-12 neuronal cells is mediated by PKR and caspase independent. <i>Toxicological Sciences</i> , <b>2008</b> , 105, 142-52	4.4	21
60	Potential of trichothecene-induced leukocyte cytotoxicity and apoptosis by TNF-alpha and Fas activation. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 146, 105-19	5	21
59	Comparative effects of the herbal constituent parthenolide (Feverfew) on lipopolysaccharide-induced inflammatory gene expression in murine spleen and liver. <i>Journal of Inflammation</i> , <b>2005</b> , 2, 6	6.7	21
58	ATP mediates neuroprotective and neuroproliferative effects in mouse olfactory epithelium following exposure to satratoxin G in vitro and in vivo. <i>Toxicological Sciences</i> , <b>2011</b> , 124, 169-78	4.4	20
57	ELISA Survey of Retail Grain-Based Food Products for Zearalenone and Aflatoxin B. <i>Journal of Food Protection</i> , <b>1987</b> , 50, 502-503	2.5	20
56	Application of ELISA to Retail Survey of Aflatoxin B in Peanut Butter. <i>Journal of Food Protection</i> , <b>1986</b> , 49, 792-795	2.5	20
55	Calcium-Sensing Receptor and Transient Receptor Ankyrin-1 Mediate Emesis Induction by Deoxynivalenol (Vomitoxin). <i>Toxicological Sciences</i> , <b>2017</b> , 155, 32-42	4.4	19
54	Modulation of inflammatory gene expression by the ribotoxin deoxynivalenol involves coordinate regulation of the transcriptome and translatoome. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 153-63	4.4	19
53	Satratoxin G interaction with 40S and 60S ribosomal subunits precedes apoptosis in the macrophage. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 237, 137-45	4.6	19
52	Purification and comparative neurotoxicity of the trichothecenes satratoxin G and roridin L2 from <i>Stachybotrys chartarum</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2009</b> , 72, 1242-51	3.2	19
51	Role of cyclooxygenase-2 in deoxynivalenol-induced immunoglobulin a nephropathy. <i>Food and Chemical Toxicology</i> , <b>2005</b> , 43, 721-8	4.7	19
50	Lactate Dehydrogenase as Safe Endpoint Cooking Indicator in Poultry Breast Rolls: Development of Monoclonal Antibodies and Application to Sandwich Enzyme-Linked Immunosorbent Assay (ELISA). <i>Journal of Food Protection</i> , <b>1993</b> , 56, 120-124	2.5	19



49	High Sensitivity of Aged Mice to Deoxynivalenol (Vomitoxin)-Induced Anorexia Corresponds to Elevated Proinflammatory Cytokine and Satiety Hormone Responses. <i>Toxins</i> , <b>2015</b> , 7, 4199-215	4.9	17
48	Body composition and hormonal effects following exposure to mycotoxin deoxynivalenol in the high-fat diet-induced obese mouse. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 1070-8	5.9	17
47	Detection of Fumonisin in Fusarium Cultures, Corn, and Corn Products by Polyclonal Antibody-Based ELISA: Relation to Fumonisin B Detection by Liquid Chromatography. <i>Journal of Food Protection</i> , <b>1996</b> , 59, 645-651	2.5	17
46	Application of immunology to the analysis and toxicity assessment of mycotoxins. <i>Food and Agricultural Immunology</i> , <b>1994</b> , 6, 219-233	2.9	17
45	Sex Is a Determinant for Deoxynivalenol Metabolism and Elimination in the Mouse. <i>Toxins</i> , <b>2017</b> , 9,	4.9	16
44	Consumption of the Total Western Diet Promotes Colitis and Inflammation-Associated Colorectal Cancer in Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	15
43	Pulmonary responses to <i>Stachybotrys chartarum</i> and its toxins: mouse strain affects clearance and macrophage cytotoxicity. <i>Toxicological Sciences</i> , <b>2010</b> , 116, 113-21	4.4	15
42	Docosahexaenoic acid-enriched fish oil consumption modulates immunoglobulin responses to and clearance of enteric reovirus infection in mice. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 813-9	4.1	15
41	Docosahexaenoic Acid Suppresses Silica-Induced Inflammasome Activation and IL-1 Cytokine Release by Interfering With Priming Signal. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2130	8.4	13
40	Mapping of Dynamic Transcriptome Changes Associated With Silica-Triggered Autoimmune Pathogenesis in the Lupus-Prone NZBWF1 Mouse. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 632	8.4	12
39	Deoxynivalenol-induced weight loss in the diet-induced obese mouse is reversible and PKR-independent. <i>Toxicology Letters</i> , <b>2013</b> , 221, 9-14	4.4	12
38	Kinetics of satratoxin g tissue distribution and excretion following intranasal exposure in the mouse. <i>Toxicological Sciences</i> , <b>2010</b> , 116, 433-40	4.4	12
37	In vitro vomitoxin exposure alters IgA and IgM secretion by CH12LX B cells. Relationship to proliferation and macromolecular synthesis. <i>Mycopathologia</i> , <b>1993</b> , 121, 33-40	2.9	12
36	Docosahexaenoic Acid Consumption Impedes Early Interferon- and Chemokine-Related Gene Expression While Suppressing Silica-Triggered Flaring of Murine Lupus. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2851	8.4	12
35	Lupus, Silica, and Dietary Omega-3 Fatty Acid Interventions. <i>Toxicologic Pathology</i> , <b>2019</b> , 47, 1004-1011	2.1	11
34	Vomitoxin (deoxynivalenol)-mediated inhibition of nuclear protein binding to NRE-A, an IL-2 promoter negative regulatory element, in EL-4 cells. <i>Toxicology</i> , <b>2002</b> , 172, 169-79	4.4	11
33	Lactate Dehydrogenase Polyclonal Antibody Sandwich ELISA for Determination of Endpoint Heating Temperatures of Ground Beef. <i>Journal of Food Protection</i> , <b>1996</b> , 59, 51-55	2.5	11
32	Enzyme-Linked Immunosorbent Assay for Screening Aflatoxin B1 in Cottonseed Products and Mixed Feed: Collaborative Study. <i>Journal of the Association of Official Analytical Chemists</i> , <b>1989</b> , 72, 326-332		11

31	Murine Anorectic Response to Deoxynivalenol (Vomitoxin) Is Sex-Dependent. <i>Toxins</i> , <b>2015</b> , 7, 2845-59	4.9	10
30	Molecular Cloning and Expression of Recombinant Phage Antibody against Fumonisin B. <i>Journal of Food Protection</i> , <b>1996</b> , 59, 1208-1212	2.5	10
29	Modeling the emetic potencies of food-borne trichothecenes by benchmark dose methodology. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 94, 178-85	4.7	10
28	Evaluation of insulin-like growth factor acid-labile subunit as a potential biomarker of effect for deoxynivalenol-induced proinflammatory cytokine expression. <i>Toxicology</i> , <b>2013</b> , 304, 192-8	4.4	9
27	Comparative susceptibility of B cells with different lineages to cytotoxicity and apoptosis induction by translational inhibitors. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 2105-18	3.2	9
26	Detection of Zearalenone By Tandem Immunoaffinity-Enzyme-Linked Immunosorbent Assay and Its Application to Milk. <i>Journal of Food Protection</i> , <b>1990</b> , 53, 577-580	2.5	9
25	Comparative Detection of Fumonisin by HPLC, ELISA, and Immunocytochemical Localization in Fusarium Cultures. <i>Journal of Food Protection</i> , <b>1995</b> , 58, 666-672	2.5	9
24	Omega-3 fatty acid intake suppresses induction of diverse autoantibody repertoire by crystalline silica in lupus-prone mice. <i>Autoimmunity</i> , <b>2020</b> , 53, 415-433	3	8
23	Requisite Omega-3 HUFA Biomarker Thresholds for Preventing Murine Lupus Flaring. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1796	8.4	8
22	Elisa to quantify hexanal-protein adducts in a meat model system. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 3017-23	5.7	7
21	Production of polyclonal antibody against ergosterol hemisuccinate using Freund's and Titermax adjuvants. <i>Journal of Food Protection</i> , <b>1998</b> , 61, 1060-3	2.5	7
20	Enzyme-linked Immunosorbent Assay of Versicolorin A and Related Aflatoxin Biosynthetic Precursors. <i>Journal of Food Protection</i> , <b>1991</b> , 54, 105-108	2.5	7
19	Comparison of Deoxynivalenol (Vomitoxin) Production by Fusarium graminearum Isolates in Corn Steep-Supplemented Fries Medium. <i>Journal of Food Protection</i> , <b>1985</b> , 48, 705-708	2.5	7
18	Omega-3 Polyunsaturated Fatty Acid Intervention Against Established Autoimmunity in a Murine Model of Toxicant-Triggered Lupus. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 653464	8.4	5
17	Rapid Induction of Pulmonary Inflammation, Autoimmune Gene Expression, and Ectopic Lymphoid Neogenesis Following Acute Silica Exposure in Lupus-Prone Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 635138	8.4	5
16	Influence of total western diet on docosahexaenoic acid suppression of silica-triggered lupus flaring in NZBWF1 mice. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233183	3.7	4
15	Reactivity of Deoxynivalenol (Vomitoxin) Monoclonal Antibody Towards Putative Trichothecene Precursors and Shunt Metabolites. <i>Journal of Food Protection</i> , <b>1991</b> , 54, 288-290	2.5	4
14	Determination of Zearalenone and Related Metabolites in Porcine Urine by Modified Enzyme-Linked Immunosorbent Assay. <i>Journal of the Association of Official Analytical Chemists</i> , <b>1990</b> , 73, 65-68		3

13	Omega-3 Docosahexaenoic Acid (DHA) Impedes Silica-Induced Macrophage Corpse Accumulation by Attenuating Cell Death and Potentiating Efferocytosis. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2179	8.4	3
12	Docosahexaenoic acid impacts macrophage phenotype subsets and phagolysosomal membrane permeability with particle exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 84, 152-172	3.2	3
11	Docosahexaenoic Acid (DHA) Suppresses Broad Spectrum of Pathogenic Autoantibodies Elicited in Murine Model of Lupus Flaring (OR12-03-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	1
10	Gut Mucosal Immunotoxicology in Rodents <b>2005</b> , 197-210		1
9	Centrality of Myeloid-Lineage Phagocytes in Particle-Triggered Inflammation and Autoimmunity.. <i>Frontiers in Toxicology</i> , <b>2021</b> , 3, 777768	1.6	1
8	Silica Induction of Diverse Inflammatory Proteome in Lungs of Lupus-Prone Mice Quelled by Dietary Docosahexaenoic Acid Supplementation.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 781446	8.4	0
7	Dietary Docosahexaenoic Acid as a Potential Treatment for Semi-acute and Chronic Particle-Induced Pulmonary Inflammation in Balb/c Mice. <i>Inflammation</i> , <b>2021</b> , 1	5.1	0
6	Therapeutic treatment of dietary docosahexaenoic acid for particle-induced pulmonary inflammation in Balb/c mice. <i>Inflammation Research</i> , <b>2021</b> , 70, 359-373	7.2	0
5	Fetal Liver-Derived Alveolar-like Macrophages: A Self-Replicating Ex Vivo Model of Alveolar Macrophages for Functional Genetic Studies.. <i>ImmunoHorizons</i> , <b>2022</b> , 6, 156-169	2.7	0
4	Molecular mechanisms of trichothecene toxicity. <i>Mycotoxins</i> , <b>2003</b> , 2003, 17-31	0.2	
3	Obesity-associated increases in acute phase protein expression and additive effects of leptin. <i>FASEB Journal</i> , <b>2006</b> , 20, A168	0.9	
2	Modulation of interleukin-6 (IL-6) expression and secretion in adipose tissue in vitro and in vivo by n-3 fatty acids. <i>FASEB Journal</i> , <b>2006</b> , 20, A559	0.9	
1	INGESTION OF DEOXYNIVALENOL REDUCES DIET-INDUCED OBESITY IN THE MOUSE. <i>FASEB Journal</i> , <b>2010</b> , 24, 555.9	0.9	