Isabelle Oswald

List of Publications by Year
in descending order

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260 papers	18,589 citations	9786 73 h-index	15732 125 g-index
262 all docs	262 docs citations	262 times ranked	13119 citing authors

#	Article	IF	Citations
1	Masked mycotoxins: A review. Molecular Nutrition and Food Research, 2013, 57, 165-186.	3.3	633
2	IL-10 inhibits parasite killing and nitrogen oxide production by IFN-gamma-activated macrophages. Journal of Immunology, 1992, 148, 1792-6.	0.8	537
3	Current Situation of Mycotoxin Contamination and Co-occurrence in Animal Feedâ€"Focus on Europe. Toxins, 2012, 4, 788-809.	3.4	499
4	Role of T-Cell Derived Cytokines in the Downregulation of Immune Responses in Parasitic and Retroviral Infection. Immunological Reviews, 1992, 127, 183-204.	6.0	484
5	Weaning Is Associated with an Upregulation of Expression of Inflammatory Cytokines in the Intestine of Piglets. Journal of Nutrition, 2004, 134, 641-647.	2.9	478
6	Impact of food processing and detoxification treatments on mycotoxin contamination. Mycotoxin Research, 2016, 32, 179-205.	2.3	462
7	Biosynthesis and Toxicological Effects of Patulin. Toxins, 2010, 2, 613-631.	3.4	461
8	The microbicidal activity of interferon-Î³-treated macrophages againstTrypanosoma cruzi involves an L-arginine-dependent, nitrogen oxide-mediated mechanism inhibitable by interleukin-10 and transforming growth factor-Î². European Journal of Immunology, 1992, 22, 2501-2506.	2.9	456
9	Interleukin 10 inhibits macrophage microbicidal activity by blocking the endogenous production of tumor necrosis factor alpha required as a costimulatory factor for interferon gamma-induced activation.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 8676-8680.	7.1	338
10	IL-10 synergizes with IL-4 and transforming growth factor-beta to inhibit macrophage cytotoxic activity. Journal of Immunology, 1992, 148, 3578-82.	0.8	318
11	The food contaminant deoxynivalenol, decreases intestinal barrier permeability and reduces claudin expression. Toxicology and Applied Pharmacology, 2009, 237, 41-48.	2.8	280
12	Endogenous interleukin 12 (IL-12) regulates granuloma formation induced by eggs of Schistosoma mansoni and exogenous IL-12 both inhibits and prophylactically immunizes against egg pathology.. Journal of Experimental Medicine, 1994, 179, 1551-1561.	8.5	278
13	Mycotoxin co-contamination of food and feed: meta-analysis of publications describing toxicological interactions. World Mycotoxin Journal, 2011, 4, 285-313.	1.4	259
14	Effect of Deoxynivalenol and Other Type B Trichothecenes on the Intestine: A Review. Toxins, 2014, 6, 1615-1643.	3.4	257
15	Gut function and dysfunction in young pigs: physiology. Animal Research, 2004, 53, 301-316.	0.6	250
16	Toxicology of deoxynivalenol and its acetylated and modified forms. Archives of Toxicology, 2016, 90, 2931-2957.	4.2	232
17	Chronic ingestion of deoxynivalenol and fumonisin, alone or in interaction, induces morphological and immunological changes in the intestine of piglets. British Journal of Nutrition, 2012, 107, 1776-1786.	2.3	220
18	Risks to human and animal health related to the presence of deoxynivalenol and its acetylated and modified forms in food and feed. EFSA Journal, 2017, 15, e04718.	1.8	218

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19	Immunotoxicity of aflatoxin B1: Impairment of the cell-mediated response to vaccine antigen and modulation of cytokine expression. Toxicology and Applied Pharmacology, 2008, 231, 142-149.	2.8	216
20	Toxicity of Deoxynivalenol and Its Acetylated Derivatives on the Intestine: Differential Effects on Morphology, Barrier Function, Tight Junction Proteins, and Mitogen-Activated Protein Kinases. Toxicological Sciences, 2012, 130, 180-190.	3.1	208
21	Deoxynivalenol Impairs Porcine Intestinal Barrier Function and Decreases the Protein Expression of Claudin-4 through a Mitogen-Activated Protein Kinase-Dependent Mechanism ,. Journal of Nutrition, 2010, 140, 1956-1962.	2.9	199
22	Toxoplasma gondii induces a T-independent IFN-gamma response in natural killer cells that requires both adherent accessory cells and tumor necrosis factor-alpha. Journal of Immunology, 1993, 150, 3982-9.	0.8	199
23	Mycotoxins co-contamination: Methodological aspects and biological relevance of combined toxicity studies. Critical Reviews in Food Science and Nutrition, 2017, 57, 3489-3507.	10.3	195
24	New insights into mycotoxin mixtures: The toxicity of low doses of Type B trichothecenes on intestinal epithelial cells is synergistic. Toxicology and Applied Pharmacology, 2013, 272, 191-198.	2.8	174
25	Risk assessment of aflatoxins in food. EFSA Journal, 2020, 18, e06040.	1.8	172
26	Risk to human health related to the presence of perfluorooctane sulfonic acid and perfluorooctanoic acid in food. EFSA Journal, 2018, 16, e05194.	1.8	171
27	Immunotoxicological risk of mycotoxins for domestic animals. Food Additives and Contaminants, 2005, 22, 354-360.	2.0	164
28	Aflatoxin Biosynthesis and Genetic Regulation: A Review. Toxins, 2020, 12, 150.	3.4	157
29	The Mycotoxin Fumonisin B1 Alters the Proliferation and the Barrier Function of Porcine Intestinal Epithelial Cells. Toxicological Sciences, 2003, 77, 165-171.	3.1	151
30	The effects of mycotoxins, fungal food contaminants, on the intestinal epithelial cell-derived innate immune response. Veterinary Immunology and Immunopathology, 2005, 108, 199-209.	1.2	148
31	Changes in performance, blood parameters, humoral and cellular immune responses in weanling piglets exposed to low doses of aflatoxin1. Journal of Animal Science, 2002, 80, 1250-1257.	0.5	144
32	Impact of mycotoxins on the intestine: are mucus and microbiota new targets?. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2017, 20, 249-275.	6.5	141
33	From genomics to metabolomics, moving toward an integrated strategy for the discovery of fungal secondary metabolites. Natural Product Reports, 2018, 35, 147-173.	10.3	132
34	Mycotoxin Fumonisin B 1 Increases Intestinal Colonization by Pathogenic Escherichia coli in Pigs. Applied and Environmental Microbiology, 2003, 69, 5870-5874.	3.1	129
35	Microbial biotransformation of DON: molecular basis for reduced toxicity. Scientific Reports, 2016, 6, 29105.	3.3	128
36	Growth inhibition of Mycobacterium bovis by IFN-Î³ stimulated macrophages: regulation by endogenous tumor necrosis factor-Î± and by IL-10. International Immunology, 1994, 6, 693-700.	4.0	126

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37	Ingestion of deoxynivalenol (DON) contaminated feed alters the pig vaccinal immune responses. Toxicology Letters, 2008, 177, 215-222.	0.8	125
38	Lactobacillus amylovorus Inhibits the TLR4 Inflammatory Signaling Triggered by Enterotoxigenic Escherichia coli via Modulation of the Negative Regulators and Involvement of TLR2 in Intestinal Caco-2 Cells and Pig Explants. PLoS ONE, 2014, 9, e94891.	2.5	123
39	Role of intestinal epithelial cells in the innate immune defence of the pig intestine. Veterinary Research, 2006, 37, 359-368.	3.0	123
40	Impact of mycotoxin on immune response and consequences for pig health. Animal Nutrition, 2016, 2, 63-68.	5.1	122
41	Toxicological interactions between the mycotoxins deoxynivalenol, nivalenol and their acetylated derivatives in intestinal epithelial cells. Archives of Toxicology, 2015, 89, 1337-1346.	4.2	119
42	Risks for animal health related to the presence of zearalenone and its modified forms in feed. EFSA Journal, 2017, 15, e04851.	1.8	115
43	The intestine as a possible target for fumonisin toxicity. Molecular Nutrition and Food Research, 2007, 51, 925-931.	3.3	112
44	Risks for human health related to the presence of pyrrolizidine alkaloids in honey, tea, herbal infusions and food supplements. EFSA Journal, 2017, 15, e04908.	1.8	112
45	Risk for animal and human health related to the presence of dioxins and dioxinâ€like PCBs in feed and food. EFSA Journal, 2018, 16, e05333.	1.8	110
46	Endothelial cells are activated by cytokine treatment to kill an intravascular parasite, Schistosoma mansoni, through the production of nitric oxide.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 999-1003.	7.1	108
47	The low intestinal and hepatic toxicity of hydrolyzed fumonisin B1 correlates with its inability to alter the metabolism of sphingolipids. Biochemical Pharmacology, 2012, 83, 1465-1473.	4.4	107
48	Mycotoxins and oxidative stress: where are we?. World Mycotoxin Journal, 2018, 11, 113-134.	1.4	107
49	Cytokine mRNA expression profiles in lymphoid tissues of pigs naturally affected by postweaning multisystemic wasting syndrome. Journal of General Virology, 2003, 84, 2117-2125.	2.9	106
50	Deoxynivalenol alone or in combination with nivalenol and zearalenone induce systemic histological changes in pigs. Experimental and Toxicologic Pathology, 2015, 67, 89-98.	2.1	105
51	Impact of two mycotoxins deoxynivalenol and fumonisin on pig intestinal health. Porcine Health Management, 2016, 2, 21.	2.6	103
52	A reverse transcription-polymerase chain reaction method to analyze porcine cytokine gene expression. Veterinary Immunology and Immunopathology, 1997, 58, 287-300.	1.2	100
53	Risks for human health related to the presence of 3â€and 2â€monochloropropanediol (MCPD), and their fatty acid esters, and glycidyl fatty acid esters in food. EFSA Journal, 2016, 14, e04426.	1.8	100
54	Review of mycotoxinâ€detoxifying agents used as feed additives: mode of action, efficacy and feed/food safety. EFSA Supporting Publications, 2009, 6, .	0.7	99

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55	Impact of Deoxynivalenol on the Intestinal Microflora of Pigs. International Journal of Molecular Sciences, 2009, 10, 1-17.	4.1	98
56	Individual and combined effects of subclinical doses of deoxynivalenol and fumonisins in piglets. Molecular Nutrition and Food Research, 2011, 55, 761-771.	3.3	96
57	Molecular cloning and functional characterization of two CYP619 cytochrome P450s involved in biosynthesis of patulin in Aspergillus clavatus. Microbiology (United Kingdom), 2009, 155, 1738-1747.	1.8	95
58	Intestinal toxicity of the masked mycotoxin deoxynivalenol-3-Î²-d-glucoside. Archives of Toxicology, 2016, 90, 2037-2046.	4.2	95
59	Postnatal development of intestinal immune system in piglets: implications for the process of weaning. Animal Research, 2004, 53, 325-334.	0.6	93
60	Deoxynivalenol as a New Factor in the Persistence of Intestinal Inflammatory Diseases: An Emerging Hypothesis through Possible Modulation of Th17-Mediated Response. PLoS ONE, 2013, 8, e53647.	2.5	91
61	Mycotoxin Fumonisin B1 Alters the Cytokine Profile and Decreases the Vaccinal Antibody Titer in Pigs. Toxicological Sciences, 2005, 84, 301-307.	3.1	90
62	The food contaminant deoxynivalenol activates the mitogen activated protein kinases in the intestine: Interest of exÂvivo models as an alternative to inÂvivo experiments. Toxicon, 2013, 66, 31-36.	1.6	90
63	Comparative effect of orally administered sodium butyrate before or after weaning on growth and several indices of gastrointestinal biology of piglets. British Journal of Nutrition, 2009, 102, 1285-1296.	2.3	89
64	Patulin is a cultivarâ€dependent aggressiveness factor favouring the colonization of apples by <scp>P</scp>enicillium expansum. Molecular Plant Pathology, 2016, 17, 920-930.	4.2	89
65	Sequencing, physical organization and kinetic expression of the patulin biosynthetic gene cluster from Penicillium expansum. International Journal of Food Microbiology, 2014, 189, 51-60.	4.7	88
66	Deoxynivalenol inhibits the expression by goblet cells of intestinal mucins through a PKR and MAP kinase dependent repression of the resistinâ€like molecule Î². Molecular Nutrition and Food Research, 2015, 59, 1076-1087.	3.3	88
67	Development of a pig jejunal explant culture for studying the gastrointestinal toxicity of the mycotoxin deoxynivalenol: Histopathological analysis. Toxicology in Vitro, 2009, 23, 1580-1584.	2.4	87
68	Immunity Traits in Pigs: Substantial Genetic Variation and Limited Covariation. PLoS ONE, 2011, 6, e22717.	2.5	86
69	Genotoxicity of aflatoxins and their precursors in human cells. Toxicology Letters, 2018, 287, 100-107.	0.8	86
70	Elevated expression of Th1 cytokines and nitric oxide synthase in the lungs of vaccinated mice after challenge infection with Schistosoma mansoni. Journal of Immunology, 1994, 153, 5200-9.	0.8	86
71	The food contaminant fumonisin B1reduces the maturation of porcine CD11R1+intestinal antigen presenting cells and antigen-specific immune responses, leading to a prolonged intestinal ETEC infection. Veterinary Research, 2009, 40, 40.	3.0	79
72	Trypacidin, a Spore-Borne Toxin from Aspergillus fumigatus, Is Cytotoxic to Lung Cells. PLoS ONE, 2012, 7, e29906.	2.5	78

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73	IL-12 inhibits Th2 cytokine responses induced by eggs of Schistosoma mansoni. Journal of Immunology, 1994, 153, 1707-13.	0.8	75
74	Ingestion of low doses of deoxynivalenol does not affect hematological, biochemical, or immune responses of piglets1. Journal of Animal Science, 2006, 84, 1935-1942.	0.5	74
75	Piperine inhibits aflatoxin B1 production in Aspergillus flavus by modulating fungal oxidative stress response. Fungal Genetics and Biology, 2017, 107, 77-85.	2.1	74
76	Mycotoxin fumonisin B1 selectively down-regulates the basal IL-8 expression in pig intestine: in vivo and in vitro studies. Food and Chemical Toxicology, 2006, 44, 1768-1773.	3.6	73
77	Transcriptome analysis of porcine PBMCs after in vitro stimulation by LPS or PMA/ionomycin using an expression array targeting the pig immune response. BMC Genomics, 2010, 11, 292.	2.8	73
78	Subclinical doses of T-2 toxin impair acquired immune response and liver cytochrome P450 in pigs. Toxicology, 2008, 247, 46-54.	4.2	72
79	Natural alternatives to in-feed antibiotics in pig production: can immunomodulators play a role?. Animal, 2009, 3, 1644-1661.	3.3	72
80	Alternatives to in-feed antibiotics in pigs: Evaluation of probiotics, zinc or organic acids as protective agents for the intestinal mucosa. A comparison of in vitro and in vivo results. Animal Research, 2005, 54, 203-218.	0.6	71
81	Co-exposure to low doses of the food contaminants deoxynivalenol and nivalenol has a synergistic inflammatory effect on intestinal explants. Archives of Toxicology, 2017, 91, 2677-2687.	4.2	71
82	Secondary metabolism in Penicillium expansum: Emphasis on recent advances in patulin research. Critical Reviews in Food Science and Nutrition, 2018, 58, 2082-2098.	10.3	71
83	Appropriateness to set a group healthâ€based guidance value for zearalenone and its modified forms. EFSA Journal, 2016, 14, e04425.	1.8	69
84	Patulin transformation products and last intermediates in its biosynthetic pathway, E- and Z-ascladiol, are not toxic to human cells. Archives of Toxicology, 2017, 91, 2455-2467.	4.2	69
85	NO as an affector molecule of parasite killing: modulation of its synthesis by cytokines. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1994, 108, 11-18.	0.5	66
86	Oral exposure to culture material extract containing fumonisins predisposes swine to the development of pneumonitis caused by Pasteurella multocida. Toxicology, 2005, 213, 34-44.	4.2	66
87	Risks for public health related to the presence of tetrodotoxin (TTX) and TTX analogues in marine bivalves and gastropods. EFSA Journal, 2017, 15, e04752.	1.8	64
88	Update of the risk assessment on 3â€monochloropropane diol and its fatty acid esters. EFSA Journal, 2018, 16, e05083.	1.8	64
89	Risks for public health related to the presence of furan and methylfurans in food. EFSA Journal, 2017, 15, e05005.	1.8	62
90	Validation study on urinary biomarkers of exposure for aflatoxin B1, ochratoxin A, fumonisin B1, deoxynivalenol and zearalenone in piglets. World Mycotoxin Journal, 2013, 6, 299-308.	1.4	61

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91	A study on the physicochemical parameters for <scp>P</scp>enicillium expansum growth and patulin production: effect of temperature, pH, and water activity. Food Science and Nutrition, 2016, 4, 611-622.	3.4	60
92	The Food Contaminant Deoxynivalenol Exacerbates the Genotoxicity of Gut Microbiota. MBio, 2017, 8, .	4.1	60
93	Byssochlamys nivea as a Source of Mycophenolic Acid. Applied and Environmental Microbiology, 2005, 71, 550-553.	3.1	59
94	Developmental differences determine larval susceptibility to nitric oxide-mediated killing in a murine model of vaccination against Schistosoma mansoni. Infection and Immunity, 1997, 65, 219-226.	2.2	58
95	Effect of Low Dose of Fumonisins on Pig Health: Immune Status, Intestinal Microbiota and Sensitivity to Salmonella. Toxins, 2013, 5, 841-864.	3.4	57
96	Risks for animal health related to the presence of fumonisins, their modified forms and hidden forms in feed. EFSA Journal, 2018, 16, e05242.	1.8	56
97	Sex-related differences in the immune response of weanling piglets exposed to low doses of fumonisin extract. British Journal of Nutrition, 2006, 95, 1185-1192.	2.3	55
98	Biotransformation Approaches To Alleviate the Effects Induced by Fusarium Mycotoxins in Swine. Journal of Agricultural and Food Chemistry, 2013, 61, 6711-6719.	5.2	53
99	Nivalenol Has a Greater Impact than Deoxynivalenol on Pig Jejunum Mucosa in Vitro on Explants and in Vivo on Intestinal Loops. Toxins, 2015, 7, 1945-1961.	3.4	53
100	In vitro and in vivo effects of a mycotoxin, deoxynivalenol, and a trace metal, cadmium, alone or in a mixture on the intestinal barrier. Environment International, 2019, 132, 105082.	10.0	53
101	Demonstration of the target molecule of a protective IgE antibody in secretory glands of Schistosoma japonicum larvae. International Immunology, 1994, 6, 963-971.	4.0	52
102	Parasitology and immunology of mice vaccinated with irradiated Litomosoides sigmodontis larvae. Parasitology, 2000, 120, 271-280.	1.5	51
103	Intestinal toxicity of deoxynivalenol is limited by Lactobacillus rhamnosus RC007 in pig jejunum explants. Archives of Toxicology, 2018, 92, 983-993.	4.2	51
104	Calpain is the target antigen of a Th1 clone that transfers protective immunity against Schistosoma mansoni. Journal of Immunology, 1996, 157, 806-14.	0.8	50
105	Lack of a Role of Cytotoxic Necrotizing Factor 1 Toxin from Escherichia coli in Bacterial Pathogenicity and Host Cytokine Response in Infected Germfree Piglets. Infection and Immunity, 2000, 68, 839-847.	2.2	48
106	Deciphering the Anti-Aflatoxinogenic Properties of Eugenol Using a Large-Scale q-PCR Approach. Toxins, 2016, 8, 123.	3.4	48
107	New insights into the organ-specific adverse effects of fumonisin B1: comparison between lung and liver. Archives of Toxicology, 2015, 89, 1619-1629.	4.2	47
108	Fumonisin B1 exposure and its selective effect on porcine jejunal segment: Sphingolipids, glycolipids and trans-epithelial passage disturbance. Biochemical Pharmacology, 2007, 74, 144-152.	4.4	46

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109	Comparative aspects ofin vitroproliferation of human and porcine lymphocytes exposed to mycotoxins. Archives of Animal Nutrition, 2010, 64, 383-393.	1.8	46
110	Co-Occurrence of DON and Emerging Mycotoxins in Worldwide Finished Pig Feed and Their Combined Toxicity in Intestinal Cells. Toxins, 2019, 11, 727.	3.4	46
111	Interleukin-12 synthesis is a required step in trehalose dimycolate-induced activation of mouse peritoneal macrophages. Infection and Immunity, 1997, 65, 1364-1369.	2.2	46
112	Selective impairment of drug-metabolizing enzymes in pig liver during subchronic dietary exposure to aflatoxin B1. Food and Chemical Toxicology, 2007, 45, 2145-2154.	3.6	45
113	Pattern recognition receptors in the gut: analysis of their expression along the intestinal tract and the crypt/villus axis. Physiological Reports, 2015, 3, e12225.	1.7	45
114	Erucic acid in feed and food. EFSA Journal, 2016, 14, e04593.	1.8	45
115	Appropriateness to set a group healthâ€based guidance value for fumonisins and their modified forms. EFSA Journal, 2018, 16, e05172.	1.8	45
116	Extensive Expression Differences along Porcine Small Intestine Evidenced by Transcriptome Sequencing. PLoS ONE, 2014, 9, e88515.	2.5	44
117	The inability of Byssochlamys fulva to produce patulin is related to absence of 6-methylsalicylic acid synthase and isoepoxydon dehydrogenase genes. International Journal of Food Microbiology, 2007, 115, 131-139.	4.7	43
118	The gene PatG involved in the biosynthesis pathway of patulin, a food-borne mycotoxin, encodes a 6-methylsalicylic acid decarboxylase. International Journal of Food Microbiology, 2014, 171, 77-83.	4.7	42
119	Low response of BALB/c macrophages to priming and activating signals. Journal of Leukocyte Biology, 1992, 52, 315-322.	3.3	41
120	Distribution and toxigenicity of Aspergillus section Flavi in spices marketed inÂMorocco. Food Control, 2013, 32, 143-148.	5.5	41
121	Cytokine mRNA expression in pigs infected with Schistosoma japonicum. Parasitology, 2001, 122, 299-307.	1.5	40
122	Effects of added fermentable carbohydrates in the diet on intestinal proinflammatory cytokine-specific mRNA content in weaning piglets1. Journal of Animal Science, 2007, 85, 673-683.	0.5	40
123	Analysis of the contrast between natural occurrence of toxigenic AspergilliÂof the Flavi section and aflatoxin B1 in cassava. Food Microbiology, 2014, 38, 151-159.	4.2	40
124	Impact of veA on the development, aggressiveness, dissemination and secondary metabolism of Penicillium expansum. Molecular Plant Pathology, 2018, 19, 1971-1983.	4.2	40
125	The Food-Associated Ribotoxin Deoxynivalenol Modulates Inducible NO Synthase in Human Intestinal Cell Model. Toxicological Sciences, 2015, 145, 372-382.	3.1	39
126	The emerging mycotoxin, enniatin B1, down-modulates the gastrointestinal toxicity of T-2 toxin in vitro on intestinal epithelial cells and ex vivo on intestinal explants. Archives of Toxicology, 2013, 87, 2233-2241.	4.2	38

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127	Review article: Role of satiety hormones in anorexia induction by Trichothecene mycotoxins. Food and Chemical Toxicology, 2018, 121, 701-714.	3.6	38
128	Mycotoxin mixtures in food and feed: holistic, innovative, flexible risk assessment modelling approach:. EFSA Supporting Publications, 2020, 17, 1757E.	0.7	38
129	The peripheral blood transcriptome reflects variations in immunity traits in swine: towards the identification of biomarkers. BMC Genomics, 2013, 14, 894.	2.8	37
130	Appropriateness to set a group health based guidance value for T2 and HT2 toxin and its modified forms. EFSA Journal, 2017, 15, e04655.	1.8	37
131	Effect of various doses of deoxynivalenol on liver xenobiotic metabolizing enzymes in mice. Food and Chemical Toxicology, 2006, 44, 476-483.	3.6	36
132	Development of a real-time PCR assay for Penicillium expansum quantification and patulin estimation in apples. Food Microbiology, 2015, 50, 28-37.	4.2	36
133	Aspergillus korhogoensis, a Novel Aflatoxin Producing Species from the CÃ´te dâ€™Ivoire. Toxins, 2017, 9, 353.	3.4	36
134	Experimental ovine salmonellosis (Salmonella Abortusovis): Pathogenesis and vaccination. Research in Microbiology, 1990, 141, 945-953.	2.1	35
135	Development of a Macroarray To Specifically Analyze Immunological Gene Expression in Swine. Vaccine Journal, 2004, 11, 691-698.	2.6	34
136	The fungal T-2 toxin alters the activation of primary macrophages induced by TLR-agonists resulting in a decrease of the inflammatory response in the pig. Veterinary Research, 2012, 43, 35.	3.0	34
137	Mycotoxins that affect the North American agri-food sector: state of the art and directions for the future. World Mycotoxin Journal, 2014, 7, 63-82.	1.4	34
138	The protective role of liver X receptor (LXR) during fumonisin B1-induced hepatotoxicity. Archives of Toxicology, 2019, 93, 505-517.	4.2	34
139	Effects of patulin and ascladiol on porcine intestinal mucosa: An exÂvivo approach. Food and Chemical Toxicology, 2016, 98, 189-194.	3.6	33
140	Identification of the Anti-Aflatoxinogenic Activity of Micromeria graeca and Elucidation of Its Molecular Mechanism in Aspergillus flavus. Toxins, 2017, 9, 87.	3.4	33
141	Occurrence and Identification of Aspergillus Section Flavi in the Context of the Emergence of Aflatoxins in French Maize. Toxins, 2018, 10, 525.	3.4	33
142	Combined hazard assessment of mycotoxins and their modified forms applying relative potency factors: Zearalenone and T2/HT2 toxin. Food and Chemical Toxicology, 2019, 131, 110599.	3.6	33
143	Structural and functional development of small intestine in intrauterine growth retarded porcine offspring born to gilts fed diets with differing protein ratios throughout pregnancy. Journal of Physiology and Pharmacology, 2012, 63, 225-39.	1.1	33
144	Immune response to the filaria Litomosoides sigmodontis in susceptible and resistant mice. Parasite Immunology, 1997, 19, 273-279.	1.5	32

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145	The mycotoxin Deoxynivalenol inhibits the cell surface expression of activation markers in human macrophages. Toxicology, 2009, 262, 239-244.	4.2	32
146	Identification of Signaling Pathways Targeted by the Food Contaminant FB1: Transcriptome and Kinome Analysis of Samples from Pig Liver and Intestine. Molecular Nutrition and Food Research, 2017, 61, 1700433.	3.3	32
147	Aerosolization of Mycotoxins after Growth of Toxinogenic Fungi on Wallpaper. Applied and Environmental Microbiology, 2017, 83, .	3.1	32
148	Fumonisin-Exposure Impairs Age-Related Ecological Succession of Bacterial Species in Weaned Pig Gut Microbiota. Toxins, 2018, 10, 230.	3.4	32
149	Grape Pomace, an Agricultural Byproduct Reducing Mycotoxin Absorption: In Vivo Assessment in Pig Using Urinary Biomarkers. Journal of Agricultural and Food Chemistry, 2016, 64, 6762-6771.	5.2	31
150	Intestinal toxicity of the type B trichothecene mycotoxin fusarenon-X: whole transcriptome profiling reveals new signaling pathways. Scientific Reports, 2017, 7, 7530.	3.3	31
151	Update of the Scientific Opinion on opium alkaloids in poppy seeds. EFSA Journal, 2018, 16, e05243.	1.8	31
152	Regulation of Secondary Metabolism in the Penicillium Genus. International Journal of Molecular Sciences, 2020, 21, 9462.	4.1	31
153	Comparative effects of a prenatal stress occurring during early or late gestation on pig immune response. Physiology and Behavior, 2009, 98, 498-504.	2.1	30
154	The mycotoxins deoxynivalenol and nivalenol show inÂvivo synergism on jejunum enterocytes apoptosis. Food and Chemical Toxicology, 2016, 87, 45-54.	3.6	30
155	Porcine Small and Large Intestinal Microbiota Rapidly Hydrolyze the Masked Mycotoxin Deoxynivalenol-3-Glucoside and Release Deoxynivalenol in Spiked Batch Cultures In Vitro. Applied and Environmental Microbiology, 2018, 84, .	3.1	30
156	Deepoxy-deoxynivalenol retains some immune-modulatory properties of the parent molecule deoxynivalenol in piglets. Archives of Toxicology, 2018, 92, 3381-3389.	4.2	30
157	Fumonisins at Doses below EU Regulatory Limits Induce Histological Alterations in Piglets. Toxins, 2019, 11, 548.	3.4	30
158	Fumonisin B1 alters cell cycle progression and interleukinâ€2 synthesis in swine peripheral blood mononuclear cells. Molecular Nutrition and Food Research, 2007, 51, 1406-1412.	3.3	29
159	New Untargeted Metabolic Profiling Combining Mass Spectrometry and Isotopic Labeling: Application on Aspergillus fumigatus Grown on Wheat. Analytical Chemistry, 2013, 85, 8412-8420.	6.5	28
160	The food contaminant, deoxynivalenol, modulates the Thelper/Treg balance and increases inflammatory bowel diseases. Archives of Toxicology, 2020, 94, 3173-3184.	4.2	28
161	Dietary exposure to mycotoxins in the French infant total diet study. Food and Chemical Toxicology, 2020, 140, 111301.	3.6	28
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