

Premendra D Dwivedi

List of Publications by Citations

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

54
papers

1,618
citations

25
h-index

39
g-index

55
ext. papers

1,808
ext. citations

5.3
avg, IF

4.66
L-index

#	Paper	IF	Citations
54	Zinc oxide nanoparticles induce apoptosis by enhancement of autophagy via PI3K/Akt/mTOR inhibition. <i>Toxicology Letters</i> , 2014 , 227, 29-40	4.4	151
53	A comprehensive review of legume allergy. <i>Clinical Reviews in Allergy and Immunology</i> , 2013 , 45, 30-46	12.3	106
52	Role of oxidative stress in Deoxynivalenol induced toxicity. <i>Food and Chemical Toxicology</i> , 2014 , 72, 20-9	4.7	95
51	Interactive threats of nanoparticles to the biological system. <i>Immunology Letters</i> , 2014 , 158, 79-87	4.1	73
50	Molecular mechanisms of IgE mediated food allergy. <i>International Immunopharmacology</i> , 2012 , 13, 432-9	5.8	71
49	Patulin causes DNA damage leading to cell cycle arrest and apoptosis through modulation of Bax, p(53) and p(21/WAF1) proteins in skin of mice. <i>Toxicology and Applied Pharmacology</i> , 2009 , 234, 192-201	4.6	62
48	Citrinin-generated reactive oxygen species cause cell cycle arrest leading to apoptosis via the intrinsic mitochondrial pathway in mouse skin. <i>Toxicological Sciences</i> , 2011 , 122, 557-66	4.4	60
47	Maillard reaction in food allergy: Pros and cons. <i>Critical Reviews in Food Science and Nutrition</i> , 2018 , 58, 208-226	11.5	59
46	Zinc oxide nanoparticles provide an adjuvant effect to ovalbumin via a Th2 response in Balb/c mice. <i>International Immunology</i> , 2014 , 26, 159-72	4.9	58
45	Occurrence of deoxynivalenol in cereals and exposure risk assessment in Indian population. <i>Food Control</i> , 2013 , 30, 549-555	6.2	51
44	Clinical complications of kidney bean (<i>Phaseolus vulgaris</i> L.) consumption. <i>Nutrition</i> , 2013 , 29, 821-7	4.8	47
43	Health Risks and Benefits of Chickpea (<i>Cicer arietinum</i>) Consumption. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6-22	5.7	47
42	Deoxynivalenol induced mouse skin cell proliferation and inflammation via MAPK pathway. <i>Toxicology and Applied Pharmacology</i> , 2014 , 279, 186-97	4.6	45
41	Impact of thermal processing on legume allergens. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 430-41	3.9	44
40	Cytotoxicity and uptake of zinc oxide nanoparticles leading to enhanced inflammatory cytokines levels in murine macrophages: comparison with bulk zinc oxide. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 110-1	4	44
39	Toxicological mode of action of ZnO nanoparticles: Impact on immune cells. <i>Molecular Immunology</i> , 2015 , 63, 184-92	4.3	41
38	Role of mitogen activated protein kinases in skin tumorigenicity of patulin. <i>Toxicology and Applied Pharmacology</i> , 2011 , 257, 264-71	4.6	40

37	Topical application of ochratoxin A causes DNA damage and tumor initiation in mouse skin. <i>PLoS ONE</i> , 2012 , 7, e47280	3.7	35
36	Pathophysiology of IL-33 and IL-17 in allergic disorders. <i>Cytokine and Growth Factor Reviews</i> , 2017 , 38, 22-36	17.9	33
35	Toll-like receptor 6 mediated inflammatory and functional responses of zinc oxide nanoparticles primed macrophages. <i>Immunology</i> , 2014 , 142, 453-64	7.8	30
34	Partial characterization of red gram (<i>Cajanus cajan</i> L. Millsp) polypeptides recognized by patients exhibiting rhinitis and bronchial asthma. <i>Food and Chemical Toxicology</i> , 2010 , 48, 2725-36	4.7	30
33	ZnO nanoparticles induced adjuvant effect via toll-like receptors and Src signaling in Balb/c mice. <i>Toxicology Letters</i> , 2014 , 230, 421-33	4.4	29
32	Chickpea (<i>Cicer arietinum</i>) proteins induce allergic responses in nasobronchial allergic patients and BALB/c mice. <i>Toxicology Letters</i> , 2012 , 210, 24-33	4.4	29
31	Patulin in apple juices: Incidence and likely intake in an Indian population. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2008 , 1, 140-6	3.3	27
30	Influence of temperature and pH on the degradation of deoxynivalenol (DON) in aqueous medium: comparative cytotoxicity of DON and degraded product. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014 , 31, 121-31	3.2	26
29	Allergenic responses of red kidney bean (<i>Phaseolus vulgaris</i> cv chitra) polypeptides in BALB/c mice recognized by bronchial asthma and allergic rhinitis patients. <i>Food Research International</i> , 2011 , 44, 2868-2879	7.24	24
28	Phytohemagglutinins augment red kidney bean (<i>Phaseolus vulgaris</i> L.) induced allergic manifestations. <i>Journal of Proteomics</i> , 2013 , 93, 50-64	3.9	23
27	Allergenic Diversity among Plant and Animal Food Proteins. <i>Food Reviews International</i> , 2012 , 28, 277-298	3.5	21
26	Probing novel allergenic proteins of commonly consumed legumes. <i>Immunopharmacology and Immunotoxicology</i> , 2009 , 31, 186-94	3.2	20
25	Deoxynivalenol induced mouse skin tumor initiation: Elucidation of molecular mechanisms in human HaCaT keratinocytes. <i>International Journal of Cancer</i> , 2016 , 139, 2033-46	7.5	17
24	Macrophages in food allergy: an enigma. <i>Molecular Immunology</i> , 2013 , 56, 612-8	4.3	15
23	Prevalence of legume sensitization in patients with naso-bronchial allergy. <i>Immunopharmacology and Immunotoxicology</i> , 2008 , 30, 529-42	3.2	15
22	Benzanthrone induced immunotoxicity via oxidative stress and inflammatory mediators in Balb/c mice. <i>Immunobiology</i> , 2015 , 220, 369-81	3.4	14
21	EGFR-mediated Akt and MAPKs signal pathways play a crucial role in patulin-induced cell proliferation in primary murine keratinocytes via modulation of Cyclin D1 and COX-2 expression. <i>Molecular Carcinogenesis</i> , 2014 , 53, 988-98	5	14
20	Peptide based immunotherapy: a pivotal tool for allergy treatment. <i>International Immunopharmacology</i> , 2014 , 19, 391-8	5.8	14

19	Leucoagglutinating phytohemagglutinin: purification, characterization, proteolytic digestion and assessment for allergenicity potential in BALB/c mice. <i>Immunopharmacology and Immunotoxicology</i> , 2014 , 36, 138-44	3.2	12
18	A Comprehensive Review on Mustard-Induced Allergy and Implications for Human Health. <i>Clinical Reviews in Allergy and Immunology</i> , 2019 , 57, 39-54	12.3	12
17	Glycation of clinically relevant chickpea allergen attenuates its allergic immune response in Balb/c mice. <i>Food Chemistry</i> , 2017 , 235, 244-256	8.5	11
16	Allergenicity potential of red kidney bean (<i>Phaseolus vulgaris</i> L.) proteins in orally treated BALB/c mice and passively sensitized RBL-2H3 cells. <i>Cellular Immunology</i> , 2013 , 284, 37-44	4.4	10
15	A molecular insight of CTLA-4 in food allergy. <i>Immunology Letters</i> , 2013 , 149, 101-9	4.1	10
14	Phaseolin: a 47.5kDa protein of red kidney bean (<i>Phaseolus vulgaris</i> L.) plays a pivotal role in hypersensitivity induction. <i>International Immunopharmacology</i> , 2014 , 19, 178-90	5.8	8
13	Allergic manifestation by black gram (<i>Vigna mungo</i>) proteins in allergic patients, BALB/c mice and RBL-2H3 cells. <i>International Immunopharmacology</i> , 2014 , 23, 92-103	5.8	7
12	Purification, characterization and allergenicity assessment of 26kDa protein, a major allergen from <i>Cicer arietinum</i> . <i>Molecular Immunology</i> , 2016 , 74, 113-24	4.3	6
11	Allergenic responses of green gram (<i>Vigna radiata</i> L. Millsp) proteins can be vitiated by induction of oral tolerance due to single acute dose in BALB/c mice. <i>Food Research International</i> , 2014 , 57, 130-141	7	6
10	Elucidation of immediate type I reactions in native and GM mustard (<i>Brassica</i> spp.). <i>Food Research International</i> , 2014 , 64, 810-821	7	6
9	A novel function of TLR4 in mediating the immunomodulatory effect of Benzanthrone, an environmental pollutant. <i>Toxicology Letters</i> , 2017 , 276, 69-84	4.4	5
8	Hypersensitivity linked to exposure of broad bean protein(s) in allergic patients and BALB/c mice. <i>Nutrition</i> , 2014 , 30, 903-14	4.8	5
7	Cutaneous exposure to clinically-relevant pigeon pea (<i>Cajanus cajan</i>) proteins promote T2-dependent sensitization and IgE-mediated anaphylaxis in Balb/c mice. <i>Journal of Immunotoxicology</i> , 2016 , 13, 827-841	3.1	4
6	Identification and characterization of major IgE binding of purified allergenic protein (11 kDa) from <i>Buchanania lanzan</i> . <i>Food Research International</i> , 2019 , 125, 108640	7	2
5	Phagocytic cells internalize ZnO particles by Fc γ /III-receptor pathway. <i>Immunobiology</i> , 2014 , 219, 746-553.4		1
4	Inherent allergic potential of β -dioxygenase fragment: A pathogenesis related protein. <i>Immunobiology</i> , 2019 , 224, 207-219	3.4	1
3	Safety assessment of food derived from genetically modified crops 2020 , 655-673		
2	Recent advancements in the therapeutics of food allergy. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2013 , 5, 188-200	1.9	

- 1 Safety Assessment of Food Derived from Genetically Modified Crops **2014**, 509-524