

# Premendra D Dwivedi

## List of Publications by Year in descending order

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54  
papers

2,033  
citations

218677

26  
h-index

243625

44  
g-index

55  
all docs

55  
docs citations

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times ranked

3122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide nanoparticles induce apoptosis by enhancement of autophagy via PI3K/Akt/mTOR inhibition. <i>Toxicology Letters</i> , 2014, 227, 29-40.	0.8	178
2	A Comprehensive Review of Legume Allergy. <i>Clinical Reviews in Allergy and Immunology</i> , 2013, 45, 30-46.	6.5	132
3	Role of oxidative stress in Deoxynivalenol induced toxicity. <i>Food and Chemical Toxicology</i> , 2014, 72, 20-29.	3.6	125
4	Maillard reaction in food allergy: Pros and cons. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 208-226.	10.3	99
5	Molecular mechanisms of IgE mediated food allergy. <i>International Immunopharmacology</i> , 2012, 13, 432-439.	3.8	83
6	Interactive threats of nanoparticles to the biological system. <i>Immunology Letters</i> , 2014, 158, 79-87.	2.5	79
7	Health Risks and Benefits of Chickpea ( <i>Cicer arietinum</i> ) Consumption. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6-22.	5.2	78
8	Patulin causes DNA damage leading to cell cycle arrest and apoptosis through modulation of Bax, p53 and p21/WAF1 proteins in skin of mice. <i>Toxicology and Applied Pharmacology</i> , 2009, 234, 192-201.	2.8	75
9	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, 557-566.	3.1	68
10	Zinc oxide nanoparticles provide an adjuvant effect to ovalbumin via a Th2 response in Balb/c mice. <i>International Immunology</i> , 2014, 26, 159-172.	4.0	68
11	Clinical complications of kidney bean ( <i>Phaseolus vulgaris</i> L.) consumption. <i>Nutrition</i> , 2013, 29, 821-827.	2.4	65
12	Occurrence of deoxynivalenol in cereals and exposure risk assessment in Indian population. <i>Food Control</i> , 2013, 30, 549-555.	5.5	60
13	Deoxynivalenol induced mouse skin cell proliferation and inflammation via MAPK pathway. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 186-197.	2.8	57
14	Impact of Thermal Processing on Legume Allergens. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 430-441.	3.2	54
15	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, 110-111.	1.1	51
16	Toll-like receptor 6 mediated inflammatory and functional responses of zinc oxide nanoparticles primed macrophages. <i>Immunology</i> , 2014, 142, 453-464.	4.4	50
17	Toxicological mode of action of ZnO nanoparticles: Impact on immune cells. <i>Molecular Immunology</i> , 2015, 63, 184-192.	2.2	47
18	Role of mitogen activated protein kinases in skin tumorigenicity of Patulin. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 264-271.	2.8	46

#	ARTICLE	IF	CITATIONS
19	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, 121-131.	2.3	42
20	Pathophysiology of IL-33 and IL-17 in allergic disorders. <i>Cytokine and Growth Factor Reviews</i> , 2017, 38, 22-36.	7.2	42
21	Topical Application of Ochratoxin A Causes DNA Damage and Tumor Initiation in Mouse Skin. <i>PLoS ONE</i> , 2012, 7, e47280.	2.5	42
22	ZnO nanoparticles induced adjuvant effect via toll-like receptors and Src signaling in Balb/c mice. <i>Toxicology Letters</i> , 2014, 230, 421-433.	0.8	40
23	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, 2725-2736.	3.6	33
24	Patulin in apple juices: Incidence and likely intake in an Indian population. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2008, 1, 140-146.	2.8	32
25	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.	0.8	32
26	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.	6.2	27
27	Phytohemagglutinins augment red kidney bean ( <i>Phaseolus vulgaris</i> L.) induced allergic manifestations. <i>Journal of Proteomics</i> , 2013, 93, 50-64.	2.4	27
28	Allergenic Diversity among Plant and Animal Food Proteins. <i>Food Reviews International</i> , 2012, 28, 277-298.	8.4	24
29	Deoxynivalenol induced mouse skin tumor initiation: Elucidation of molecular mechanisms in human HaCaT keratinocytes. <i>International Journal of Cancer</i> , 2016, 139, 2033-2046.	5.1	22
30	Probing novel allergenic proteins of commonly consumed legumes. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 186-194.	2.4	21
31	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 expression. <i>Molecular Carcinogenesis</i> , 2014, 53, 988-998.	2.7	20
32	Peptide based immunotherapy: A pivotal tool for allergy treatment. <i>International Immunopharmacology</i> , 2014, 19, 391-398.	3.8	20
33	A Comprehensive Review on Mustard-Induced Allergy and Implications for Human Health. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 39-54.	6.5	20
34	Glycation of clinically relevant chickpea allergen attenuates its allergic immune response in Balb/c mice. <i>Food Chemistry</i> , 2017, 235, 244-256.	8.2	18
35	Macrophages in food allergy: An enigma. <i>Molecular Immunology</i> , 2013, 56, 612-618.	2.2	17
36	Leucoagglutinating phytohemagglutinin: purification, characterization, proteolytic digestion and assessment for allergenicity potential in BALB/c mice. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 138-144.	2.4	17

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37	Prevalence of Legume Sensitization in Patients with Naso-Bronchial Allergy. <i>Immunopharmacology and Immunotoxicology</i> , 2008, 30, 529-542.	2.4	16
38	Benzanthrone induced immunotoxicity via oxidative stress and inflammatory mediators in Balb/c mice. <i>Immunobiology</i> , 2015, 220, 369-381.	1.9	16
39	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.	3.0	13
40	A molecular insight of CTLA-4 in food allergy. <i>Immunology Letters</i> , 2013, 149, 101-109.	2.5	13
41	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.	3.8	10
42	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, 178-190.	3.8	9
43	Hypersensitivity linked to exposure of broad bean protein(s) in allergic patients and BALB/c mice. <i>Nutrition</i> , 2014, 30, 903-914.	2.4	8
44	Purification, characterization and allergenicity assessment of 26 kDa protein, a major allergen from <i>Cicer arietinum</i> . <i>Molecular Immunology</i> , 2016, 74, 113-124.	2.2	7
45	A novel function of TLR4 in mediating the immunomodulatory effect of Benzanthrone, an environmental pollutant. <i>Toxicology Letters</i> , 2017, 276, 69-84.	0.8	7
46	Elucidation of immediate type I reactions in native and GM mustard ( <i>Brassica</i> spp.). <i>Food Research International</i> , 2014, 64, 810-821.	6.2	6
47	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.	6.2	6
48	Cutaneous exposure to clinically-relevant pigeon pea ( <i>Cajanus cajan</i> ) proteins promote TH2-dependent sensitization and IgE-mediated anaphylaxis in Balb/c mice. <i>Journal of Immunotoxicology</i> , 2016, 13, 827-841.	1.7	4
49	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.	6.2	3
50	Phagocytic cells internalize ZnO particles by FcγRIII-receptor pathway. <i>Immunobiology</i> , 2014, 219, 746-755.	1.9	1
51	Inherent allergic potential of lipoxygenase fragment: A pathogenesis related protein. <i>Immunobiology</i> , 2019, 224, 207-219.	1.9	1
52	Recent Advancements in the Therapeutics of Food Allergy. <i>Recent Patents on Food, Nutrition &amp; Agriculture</i> , 2014, 5, 188-200.	0.9	0
53	Safety Assessment of Food Derived from Genetically Modified Crops. , 2014, , 509-524.		0
54	Safety assessment of food derived from genetically modified crops. , 2020, , 655-673.		0