

Ruchi Roy

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

824
citations

687220

13
h-index

580701

25
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docs citations

29
times ranked

1472
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.	0.4	178
2	Mechanism of uptake of ZnO nanoparticles and inflammatory responses in macrophages require PI3K mediated MAPKs signaling. <i>Toxicology in Vitro</i> , 2014, 28, 457-467.	1.1	88
3	Interactive threats of nanoparticles to the biological system. <i>Immunology Letters</i> , 2014, 158, 79-87.	1.1	79
4	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.	1.8	68
5	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.	0.5	51
6	Toll-like receptor 6 mediated inflammatory and functional responses of zinc oxide nanoparticles primed macrophages. <i>Immunology</i> , 2014, 142, 453-464.	2.0	50
7	Toxicological mode of action of ZnO nanoparticles: Impact on immune cells. <i>Molecular Immunology</i> , 2015, 63, 184-192.	1.0	47
8	ZnO nanoparticles induced adjuvant effect via toll-like receptors and Src signaling in Balb/c mice. <i>Toxicology Letters</i> , 2014, 230, 421-433.	0.4	40
9	Mitochondrial dysfunction in cancer chemoprevention by phytochemicals from dietary and medicinal plants. <i>Seminars in Cancer Biology</i> , 2017, 47, 147-153.	4.3	32
10	Disease Subtype-Independent Biomarkers of Breast Cancer Chemoprevention by the Ayurvedic Medicine Phytochemical Withaferin A. <i>Journal of the National Cancer Institute</i> , 2017, 109, djw293.	3.0	28
11	Bt Brinjal in India: A long way to go. <i>GM Crops</i> , 2011, 2, 92-98.	1.8	22
12	IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wounds. <i>Journal of Investigative Dermatology</i> , 2022, 142, 692-704.e14.	0.3	22
13	Overriding impaired FPR chemotaxis signaling in diabetic neutrophil stimulates infection control in murine diabetic wound. <i>ELife</i> , 2022, 11, .	2.8	19
14	Benzanthrone induced immunotoxicity via oxidative stress and inflammatory mediators in Balb/c mice. <i>Immunobiology</i> , 2015, 220, 369-381.	0.8	16
15	CrkII/Abl phosphorylation cascade is critical for NLRC4 inflammasome activity and is blocked by <i>Pseudomonas aeruginosa</i> ExoT. <i>Nature Communications</i> , 2022, 13, 1295.	5.8	16
16	<i>Pseudomonas aeruginosa</i> ExoT induces G1 cell cycle arrest in melanoma cells. <i>Cellular Microbiology</i> , 2021, 23, e13339.	1.1	11
17	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.	1.7	10
18	AKT-dependent sugar addiction by benzyl isothiocyanate in breast cancer cells. <i>Molecular Carcinogenesis</i> , 2019, 58, 996-1007.	1.3	10

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19	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.	1.7	9
20	A novel function of TLR4 in mediating the immunomodulatory effect of Benzanthrone, an environmental pollutant. <i>Toxicology Letters</i> , 2017, 276, 69-84.	0.4	7
21	Elucidation of immediate type I reactions in native and GM mustard (<i>Brassica</i> spp.). <i>Food Research International</i> , 2014, 64, 810-821.	2.9	6
22	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.	2.9	6
23	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.	0.9	4
24	Therapeutic evaluation of immunomodulators in reducing surgical wound infection. <i>FASEB Journal</i> , 2022, 36, e22090.	0.2	4
25	Phagocytic cells internalize ZnO particles by Fc γ III-receptor pathway. <i>Immunobiology</i> , 2014, 219, 746-755.	0.8	1
26	Abstract 833: Benzyl isothiocyanate mediates glucose uptake through AKT activation in breast cancer cells. , 2016, , .		0
27	Abstract 5270: Disease subtype independent biomarkers of breast cancer prevention by withaferin a. , 2017, , .		0