

Ruchi Roy

List of Publications by Year in Descending Order

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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.

25
papers

632
citations

12
h-index

25
g-index

29
ext. papers

723
ext. citations

5.5
avg, IF

3.67
L-index

#	Paper	IF	Citations
25	Overriding impaired FPR chemotaxis signaling in diabetic neutrophil stimulates infection control in murine diabetic wound.. <i>ELife</i> , 2022 , 11,	8.9	3
24	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	17.4	0
23	Therapeutic evaluation of immunomodulators in reducing surgical wound infection.. <i>FASEB Journal</i> , 2022 , 36, e22090	0.9	1
22	<i>Pseudomonas aeruginosa</i> ExoT induces G1 cell cycle arrest in melanoma cells. <i>Cellular Microbiology</i> , 2021 , 23, e13339	3.9	5
21	IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wound. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	4
20	AKT-dependent sugar addiction by benzyl isothiocyanate in breast cancer cells. <i>Molecular Carcinogenesis</i> , 2019 , 58, 996-1007	5	7
19	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
18	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,	9.7	21
17	Mitochondrial dysfunction in cancer chemoprevention by phytochemicals from dietary and medicinal plants. <i>Seminars in Cancer Biology</i> , 2017 , 47, 147-153	12.7	25
16	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
15	Benzanthrone induced immunotoxicity via oxidative stress and inflammatory mediators in Balb/c mice. <i>Immunobiology</i> , 2015 , 220, 369-81	3.4	14
14	Toxicological mode of action of ZnO nanoparticles: Impact on immune cells. <i>Molecular Immunology</i> , 2015 , 63, 184-92	4.3	41
13	Mechanism of uptake of ZnO nanoparticles and inflammatory responses in macrophages require PI3K mediated MAPKs signaling. <i>Toxicology in Vitro</i> , 2014 , 28, 457-67	3.6	74
12	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
11	Interactive threats of nanoparticles to the biological system. <i>Immunology Letters</i> , 2014 , 158, 79-87	4.1	73
10	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
9	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

8	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
7	Phagocytic cells internalize ZnO particles by Fc γ III-receptor pathway. <i>Immunobiology</i> , 2014 , 219, 746-55	3.4	1
6	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
5	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
4	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
3	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
2	Bt brinjal in India: a long way to go. <i>GM Crops</i> , 2011 , 2, 92-8		15
1	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