

# Ruchi Roy

## 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.

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	Zinc oxide nanoparticles induce apoptosis by enhancement of autophagy via PI3K/Akt/mTOR inhibition. <i>Toxicology Letters</i> , <b>2014</b> , 227, 29-40	4.4	151
24	Mechanism of uptake of ZnO nanoparticles and inflammatory responses in macrophages require PI3K mediated MAPKs signaling. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 457-67	3.6	74
23	Interactive threats of nanoparticles to the biological system. <i>Immunology Letters</i> , <b>2014</b> , 158, 79-87	4.1	73
22	Zinc oxide nanoparticles provide an adjuvant effect to ovalbumin via a Th2 response in Balb/c mice. <i>International Immunology</i> , <b>2014</b> , 26, 159-72	4.9	58
21	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> , <b>2011</b> , 7, 110-1	4	44
20	Toxicological mode of action of ZnO nanoparticles: Impact on immune cells. <i>Molecular Immunology</i> , <b>2015</b> , 63, 184-92	4.3	41
19	Toll-like receptor 6 mediated inflammatory and functional responses of zinc oxide nanoparticles primed macrophages. <i>Immunology</i> , <b>2014</b> , 142, 453-64	7.8	30
18	ZnO nanoparticles induced adjuvant effect via toll-like receptors and Src signaling in Balb/c mice. <i>Toxicology Letters</i> , <b>2014</b> , 230, 421-33	4.4	29
17	Mitochondrial dysfunction in cancer chemoprevention by phytochemicals from dietary and medicinal plants. <i>Seminars in Cancer Biology</i> , <b>2017</b> , 47, 147-153	12.7	25
16	Disease Subtype-Independent Biomarkers of Breast Cancer Chemoprevention by the Ayurvedic Medicine Phytochemical Withaferin A. <i>Journal of the National Cancer Institute</i> , <b>2017</b> , 109,	9.7	21
15	Bt brinjal in India: a long way to go. <i>GM Crops</i> , <b>2011</b> , 2, 92-8		15
14	Benzanthrone induced immunotoxicity via oxidative stress and inflammatory mediators in Balb/c mice. <i>Immunobiology</i> , <b>2015</b> , 220, 369-81	3.4	14
13	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> , <b>2014</b> , 19, 178-90	5.8	8
12	AKT-dependent sugar addiction by benzyl isothiocyanate in breast cancer cells. <i>Molecular Carcinogenesis</i> , <b>2019</b> , 58, 996-1007	5	7
11	Allergic manifestation by black gram ( <i>Vigna mungo</i> ) proteins in allergic patients, BALB/c mice and RBL-2H3 cells. <i>International Immunopharmacology</i> , <b>2014</b> , 23, 92-103	5.8	7
10	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> , <b>2014</b> , 57, 130-141	7	6
9	Elucidation of immediate type I reactions in native and GM mustard ( <i>Brassica</i> spp.). <i>Food Research International</i> , <b>2014</b> , 64, 810-821	7	6

8	A novel function of TLR4 in mediating the immunomodulatory effect of Benzanthrone, an environmental pollutant. <i>Toxicology Letters</i> , <b>2017</b> , 276, 69-84	4.4	5
7	<i>Pseudomonas aeruginosa</i> ExoT induces G1 cell cycle arrest in melanoma cells. <i>Cellular Microbiology</i> , <b>2021</b> , 23, e13339	3.9	5
6	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> , <b>2016</b> , 13, 827-841	3.1	4
5	IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wound. <i>Journal of Investigative Dermatology</i> , <b>2021</b> ,	4.3	4
4	Overriding impaired FPR chemotaxis signaling in diabetic neutrophil stimulates infection control in murine diabetic wound.. <i>ELife</i> , <b>2022</b> , 11,	8.9	3
3	Phagocytic cells internalize ZnO particles by Fc $\gamma$ III-receptor pathway. <i>Immunobiology</i> , <b>2014</b> , 219, 746-553,4	3.4	1
2	Therapeutic evaluation of immunomodulators in reducing surgical wound infection.. <i>FASEB Journal</i> , <b>2022</b> , 36, e22090	0.9	1
1	CrkII/Abl phosphorylation cascade is critical for NLRC4 inflammasome activity and is blocked by <i>Pseudomonas aeruginosa</i> ExoT.. <i>Nature Communications</i> , <b>2022</b> , 13, 1295	17.4	0