

# Saptarshi Roy

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

700  
citations

516710

16  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upregulation of Mas-related G Protein coupled receptor X2 in asthmatic lung mast cells and its activation by the novel neuropeptide hemokinin-1. <i>Respiratory Research</i> , 2018, 19, 1.	3.6	146
2	Multifaceted MRGPRX2: New insight into the role of mast cells in health and disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 293-308.	2.9	66
3	Integrity of the Actin Cytoskeleton of Host Macrophages is Essential for <i>Leishmania donovani</i> Infection. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2011-2018.	2.6	51
4	Identification of Gain and Loss of Function Missense Variants in MRGPRX2's Transmembrane and Intracellular Domains for Mast Cell Activation by Substance P. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5247.	4.1	51
5	Mast Cell-Specific MRGPRX2: a Key Modulator of Neuro-Immune Interaction in Allergic Diseases. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 3.	5.3	48
6	Deprivation of L-Arginine Induces Oxidative Stress Mediated Apoptosis in <i>Leishmania donovani</i> Promastigotes: Contribution of the Polyamine Pathway. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004373.	3.0	40
7	MRGPRX2 Is the Codeine Receptor of Human Skin Mast Cells: Desensitization through $\beta$ -Arrestin and Lack of Correlation with the Fc $\mu$ RI Pathway. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1286-1296.e4.	0.7	39
8	Angiogenic Host Defense Peptide AG-30/5C and Bradykinin B2 Receptor Antagonist Icatibant Are G Protein Biased Agonists for MRGPRX2 in Mast Cells. <i>Journal of Immunology</i> , 2019, 202, 1229-1238.	0.8	38
9	Mahanine exerts in vitro and in vivo antileishmanial activity by modulation of redox homeostasis. <i>Scientific Reports</i> , 2017, 7, 4141.	3.3	36
10	<i>Leishmania donovani</i> Utilize Sialic Acids for Binding and Phagocytosis in the Macrophages through Selective Utilization of Siglecs and Impair the Innate Immune Arm. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004904.	3.0	34
11	L-Arginine Uptake by Cationic Amino Acid Transporter Promotes Intra-Macrophage Survival of <i>Leishmania donovani</i> by Enhancing Arginase-Mediated Polyamine Synthesis. <i>Frontiers in Immunology</i> , 2017, 8, 839.	4.8	29
12	$\beta$ -Arrestin2 expressed in mast cells regulates ciprofloxacin-induced pseudoallergy and IgE-mediated anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 603-606.	2.9	24
13	MRGPRX2 Activation by Rocuronium: Insights from Studies with Human Skin Mast Cells and Missense Variants. <i>Cells</i> , 2021, 10, 156.	4.1	24
14	Differential Regulation of Mas-Related G Protein-Coupled Receptor X2-Mediated Mast Cell Degranulation by Antimicrobial Host Defense Peptides and <i>Porphyromonas gingivalis</i> Lipopolysaccharide. <i>Infection and Immunity</i> , 2017, 85, .	2.2	21
15	Small-Molecule Host-Defense Peptide Mimetic Antibacterial and Antifungal Agents Activate Human and Mouse Mast Cells via Mas-Related GPCRs. <i>Cells</i> , 2019, 8, 311.	4.1	21
16	Modulation of TLR4 Sialylation Mediated by a Sialidase Neu1 and Impairment of Its Signaling in <i>Leishmania donovani</i> Infected Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2360.	4.8	19
17	Inhibition of Orai Channel Function Regulates Mas-Related G Protein-Coupled Receptor-Mediated Responses in Mast Cells. <i>Frontiers in Immunology</i> , 2021, 12, 803335.	4.8	7
18	Role of MrgprB2 in Rosacea-Like Inflammation in Mice: Modulation by $\beta$ -Arrestin 2. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2988-2997.e3.	0.7	6