

Dipyaman Ganguly

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,982
citations

331538

21
h-index

315616

38
g-index

41
all docs

41
docs citations

41
times ranked

7094
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of a Treatment Benefit Index to Identify Hospitalized Patients With COVID-19 Who May Benefit From Convalescent Plasma. <i>JAMA Network Open</i> , 2022, 5, e2147375.	2.8	30
2	A phase 2 single center open label randomised control trial for convalescent plasma therapy in patients with severe COVID-19. <i>Nature Communications</i> , 2022, 13, 383.	5.8	39
3	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys. <i>Computers in Biology and Medicine</i> , 2022, 146, 105419.	3.9	8
4	Integration of Ligand-Based and Structure-Based Methods for the Design of Small-Molecule TLR7 Antagonists. <i>Molecules</i> , 2022, 27, 4026.	1.7	4
5	Synthesis and characterization of new potent TLR7 antagonists based on analysis of the binding mode using biomolecular simulations. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112978.	2.6	8
6	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021, 10, .	2.8	21
7	Systematic Optimization of Potent and Orally Bioavailable Purine Scaffold as a Dual Inhibitor of Toll-Like Receptors 7 and 9. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9279-9301.	2.9	15
8	Structural Evolution and Translational Potential for Agonists and Antagonists of Endosomal Toll-like Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8010-8041.	2.9	25
9	The RNase MCP3 promotes skin inflammation by orchestrating myeloid cytokine response. <i>Nature Communications</i> , 2021, 12, 4105.	5.8	14
10	Endocannabinoids in immune regulation and immunopathologies. <i>Immunology</i> , 2021, 164, 242-252.	2.0	35
11	Nature and Dimensions of Systemic Hyperinflammation and its Attenuation by Convalescent Plasma in Severe COVID-19. <i>Journal of Infectious Diseases</i> , 2021, 224, 565-574.	1.9	48
12	Plasma Gradient of Soluble Urokinase-Type Plasminogen Activator Receptor Is Linked to Pathogenic Plasma Proteome and Immune Transcriptome and Stratifies Outcomes in Severe COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 738093.	2.2	11
13	Role of Ca ²⁺ in toll-like receptor 9 activation in human plasmacytoid dendritic cells. <i>Cytokine</i> , 2020, 125, 154822.	1.4	3
14	Overview of Immune Response During SARS-CoV-2 Infection: Lessons From the Past. <i>Frontiers in Immunology</i> , 2020, 11, 1949.	2.2	345
15	TLR9 Polymorphisms Might Contribute to the Ethnicity Bias for EBV-Infected Nasopharyngeal Carcinoma. <i>IScience</i> , 2020, 23, 100937.	1.9	2
16	A Chemical Switch for Transforming a Purine Agonist for Toll-like Receptor 7 to a Clinically Relevant Antagonist. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4776-4789.	2.9	18
17	Self-Nucleic Acid Sensing: A Novel Crucial Pathway Involved in Obesity-Mediated Metaflammation and Metabolic Syndrome. <i>Frontiers in Immunology</i> , 2020, 11, 624256.	2.2	12
18	Lactate Induces Pro-tumor Reprogramming in Intratumoral Plasmacytoid Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1878.	2.2	85

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19	Mechanical Cues for T Cell Activation: Role of Piezo1 Mechanosensors. <i>Critical Reviews in Immunology</i> , 2019, 39, 15-38.	1.0	16
20	Cutting Edge: Dysregulated Endocannabinoid-Rheostat for Plasmacytoid Dendritic Cell Activation in a Systemic Lupus Endophenotype. <i>Journal of Immunology</i> , 2019, 202, 1674-1679.	0.4	15
21	Cutting Edge: Piezo1 Mechanosensors Optimize Human T Cell Activation. <i>Journal of Immunology</i> , 2018, 200, 1255-1260.	0.4	109
22	Do Type I Interferons Link Systemic Autoimmunities and Metabolic Syndrome in a Pathogenetic Continuum?. <i>Trends in Immunology</i> , 2018, 39, 28-43.	2.9	54
23	Activity-guided development of potent and selective toll-like receptor 9 antagonists. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 187-205.	2.6	15
24	Lipid-Induced Insulin Resistance. , 2018, , 181-191.		0
25	Design and development of benzoxazole derivatives with toll-like receptor 9 antagonism. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 334-347.	2.6	11
26	KLK5 induces shedding of DPP4 from circulatory Th17 cells in type 2 diabetes. <i>Molecular Metabolism</i> , 2017, 6, 1529-1539.	3.0	44
27	Adipose Recruitment and Activation of Plasmacytoid Dendritic Cells Fuel Metaflammation. <i>Diabetes</i> , 2016, 65, 3440-3452.	0.3	89
28	TH17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. <i>Nature Immunology</i> , 2015, 16, 970-979.	7.0	182
29	Cationic antimicrobial peptides in psoriatic skin cooperate to break innate tolerance to self-DNA. <i>European Journal of Immunology</i> , 2015, 45, 203-213.	1.6	129
30	Genetic evidence for the role of plasmacytoid dendritic cells in systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2014, 211, 1969-1976.	4.2	195
31	The role of dendritic cells in autoimmunity. <i>Nature Reviews Immunology</i> , 2013, 13, 566-577.	10.6	422
32	Nucleic acid-containing amyloid fibrils potently induce type I interferon and stimulate systemic autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14550-14555.	3.3	48
33	Expression of Concern: Hydroxychavicol, a <i>Piper betle</i> leaf component, induces apoptosis of CML cells through mitochondrial reactive oxygen species-dependent JNK and endothelial nitric oxide synthase activation and overrides imatinib resistance. <i>Cancer Science</i> , 2012, 103, 88-99.	1.7	45
34	Neutrophils Activate Plasmacytoid Dendritic Cells by Releasing Self-DNA-Peptide Complexes in Systemic Lupus Erythematosus. <i>Science Translational Medicine</i> , 2011, 3, 73ra19.	5.8	1,080
35	Generation of IL-23 Producing Dendritic Cells (DCs) by Airborne Fungi Regulates Fungal Pathogenicity via the Induction of TH-17 Responses. <i>PLoS ONE</i> , 2010, 5, e12955.	1.1	105
36	Self-RNA-antimicrobial peptide complexes activate human dendritic cells through TLR7 and TLR8. <i>Journal of Experimental Medicine</i> , 2009, 206, 1983-1994.	4.2	613

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37	N-acetyl cysteine enhances imatinib-induced apoptosis of Bcr-Abl+ cells by endothelial nitric oxide synthase-mediated production of nitric oxide. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 298-308.	2.2	33
38	Granulocyte macrophage colony-stimulating factor drives monocytes to CD14 ^{low} CD83 ⁺ DCSIGN ⁺ interleukin-10-producing myeloid cells with differential effects on T-cell subsets. <i>Immunology</i> , 2007, 121, 499-507.	2.0	19
39	Suggestive evidence of association of C-159T functional polymorphism of the CD14 gene with atopic asthma in northern and northwestern Indian populations. <i>Immunogenetics</i> , 2004, 56, 544-547.	1.2	33