Dipyaman Ganguly

List of Publications by Year
in descending order

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39 papers	3,982 citations	331670 21 h-index	315739 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. JAMA Network Open, 2022, 5, e2147375.	5.9	30
2	A phase 2 single center open label randomised control trial for convalescent plasma therapy in patients with severe COVID-19. Nature Communications, 2022, 13, 383.	12.8	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. Computers in Biology and Medicine, 2022, 146, 105419.	7.0	8
4	Integration of Ligand-Based and Structure-Based Methods for the Design of Small-Molecule TLR7 Antagonists. Molecules, 2022, 27, 4026.	3.8	4
5	Synthesis and characterization of new potent TLR7 antagonists based on analysis of the binding mode using biomolecular simulations. European Journal of Medicinal Chemistry, 2021, 210, 112978.	5.5	8
6	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. ELife, 2021, 10, .	6.0	21
7	Systematic Optimization of Potent and Orally Bioavailable Purine Scaffold as a Dual Inhibitor of Toll-Like Receptors 7 and 9. Journal of Medicinal Chemistry, 2021, 64, 9279-9301.	6.4	15
8	Structural Evolution and Translational Potential for Agonists and Antagonists of Endosomal Toll-like Receptors. Journal of Medicinal Chemistry, 2021, 64, 8010-8041.	6.4	25
9	The RNase MCPIP3 promotes skin inflammation by orchestrating myeloid cytokine response. Nature Communications, 2021, 12, 4105.	12.8	14
10	Endocannabinoids in immune regulation and immunopathologies. Immunology, 2021, 164, 242-252.	4.4	35
11	Nature and Dimensions of Systemic Hyperinflammation and its Attenuation by Convalescent Plasma in Severe COVID-19. Journal of Infectious Diseases, 2021, 224, 565-574.	4.0	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. Frontiers in Immunology, 2021, 12, 738093.	4.8	11
13	Role of Ca2+ in toll-like receptor 9 activation in human plasmacytoid dendritic cells. Cytokine, 2020, 125, 154822.	3.2	3
14	Overview of Immune Response During SARS-CoV-2 Infection: Lessons From the Past. Frontiers in Immunology, 2020, 11, 1949.	4.8	345
15	TLR9 Polymorphisms Might Contribute to the Ethnicity Bias for EBV-Infected Nasopharyngeal Carcinoma. IScience, 2020, 23, 100937.	4.1	2
16	A Chemical Switch for Transforming a Purine Agonist for Toll-like Receptor 7 to a Clinically Relevant Antagonist. Journal of Medicinal Chemistry, 2020, 63, 4776-4789.	6.4	18
17	Self-Nucleic Acid Sensing: A Novel Crucial Pathway Involved in Obesity-Mediated Metaflammation and Metabolic Syndrome. Frontiers in Immunology, 2020, 11, 624256.	4.8	12
18	Lactate Induces Pro-tumor Reprogramming in Intratumoral Plasmacytoid Dendritic Cells. Frontiers in Immunology, 2019, 10, 1878.	4.8	85

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19	Mechanical Cues for T Cell Activation: Role of Piezo1 Mechanosensors. Critical Reviews in Immunology, 2019, 39, 15-38.	0.5	16
20	Cutting Edge: Dysregulated Endocannabinoid-Rheostat for Plasmacytoid Dendritic Cell Activation in a Systemic Lupus Endophenotype. Journal of Immunology, 2019, 202, 1674-1679.	0.8	15
21	Cutting Edge: Piezo1 Mechanosensors Optimize Human T Cell Activation. Journal of Immunology, 2018, 200, 1255-1260.	0.8	109
22	Do Type I Interferons Link Systemic Autoimmunities and Metabolic Syndrome in a Pathogenetic Continuum?. Trends in Immunology, 2018, 39, 28-43.	6.8	54
23	Activity-guided development of potent and selective toll-like receptor 9 antagonists. European Journal of Medicinal Chemistry, 2018, 159, 187-205.	5.5	15
24	Lipid-Induced Insulin Resistance. , 2018, , 181-191.		0
25	Design and development of benzoxazole derivatives with toll-like receptor 9 antagonism. European Journal of Medicinal Chemistry, 2017, 134, 334-347.	5.5	11
26	KLK5 induces shedding of DPP4 from circulatory Th17 cells in type 2 diabetes. Molecular Metabolism, 2017, 6, 1529-1539.	6.5	44
27	Adipose Recruitment and Activation of Plasmacytoid Dendritic Cells Fuel Metaflammation. Diabetes, 2016, 65, 3440-3452.	0.6	89
28	TH17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. Nature Immunology, 2015, 16, 970-979.	14.5	182
29	Cationic antimicrobial peptides in psoriatic skin cooperate to break innate tolerance to selfâ€DNA. European Journal of Immunology, 2015, 45, 203-213.	2.9	129
30	Genetic evidence for the role of plasmacytoid dendritic cells in systemic lupus erythematosus. Journal of Experimental Medicine, 2014, 211, 1969-1976.	8.5	195
31	The role of dendritic cells in autoimmunity. Nature Reviews Immunology, 2013, 13, 566-577.	22.7	422
32	Nucleic acid-containing amyloid fibrils potently induce type I interferon and stimulate systemic autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14550-14555.	7.1	48
33	Expression of Concern: Hydroxychavicol, a Piper betle leaf component, induces apoptosis of CML cells through mitochondrial reactive oxygen speciesâ€dependent JNK and endothelial nitric oxide synthase activation and overrides imatinib resistance. Cancer Science, 2012, 103, 88-99.	3.9	45
34	Neutrophils Activate Plasmacytoid Dendritic Cells by Releasing Self-DNAâ€“Peptide Complexes in Systemic Lupus Erythematosus. Science Translational Medicine, 2011, 3, 73ra19.	12.4	1,080
35	Generation of IL-23 Producing Dendritic Cells (DCs) by Airborne Fungi Regulates Fungal Pathogenicity via the Induction of TH-17 Responses. PLoS ONE, 2010, 5, e12955.	2.5	105
36	Self-RNAâ€“antimicrobial peptide complexes activate human dendritic cells through TLR7 and TLR8. Journal of Experimental Medicine, 2009, 206, 1983-1994.	8.5	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. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 298-308.	4.9	33
38	Granulocyte?macrophage colony-stimulating factor drives monocytes to CD14lowï¿½CD83+ï¿½DCSIGN?interleukin-10-producing myeloid cells with differential effects on T-cell subsets. Immunology, 2007, 121, 499-507.	4.4	19
39	Suggestive evidence of association of C-159T functional polymorphism of the CD14 gene with atopic asthma in northern and northwestern Indian populations. Immunogenetics, 2004, 56, 544-547.	2.4	33