

Shakti Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,034
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

4225
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjuvanting a subunit COVID-19 vaccine to induce protective immunity. <i>Nature</i> , 2021, 594, 253-258.	27.8	253
2	The single-cell epigenomic and transcriptional landscape of immunity to influenza vaccination. <i>Cell</i> , 2021, 184, 3915-3935.e21.	28.9	133
3	Longitudinal shear stress response in human endothelial cells to atheroprone and atheroprotective conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	43
4	Cybernetic modeling of biological processes in mammalian systems. <i>Current Opinion in Chemical Engineering</i> , 2020, 30, 120-127.	7.8	9
5	T cell-inducing vaccine durably prevents mucosal SHIV infection even with lower neutralizing antibody titers. <i>Nature Medicine</i> , 2020, 26, 932-940.	30.7	124
6	Enhancer-associated long non-coding RNA LEENE regulates endothelial nitric oxide synthase and endothelial function. <i>Nature Communications</i> , 2018, 9, 292.	12.8	129
7	A Cybernetic Approach to Modeling Lipid Metabolism in Mammalian Cells. <i>Processes</i> , 2018, 6, 126.	2.8	7
8	Systems biology analysis of longitudinal functional response of endothelial cells to shear stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10990-10995.	7.1	95
9	Systems Analysis of the Complement-Induced Priming Phase of Liver Regeneration. <i>Journal of Immunology</i> , 2016, 197, 2500-2508.	0.8	22
10	Computational Modeling of Competitive Metabolism between ω -3- and ω -6-Polyunsaturated Fatty Acids in Inflammatory Macrophages. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8346-8353.	2.6	11
11	Serum microRNAs explain discordance of non-alcoholic fatty liver disease in monozygotic and dizygotic twins: a prospective study. <i>Gut</i> , 2016, 65, 1546-1554.	12.1	75
12	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. <i>Immunity</i> , 2015, 43, 1186-1198.	14.3	286
13	Biomarkers of NAFLD progression: a lipidomics approach to an epidemic. <i>Journal of Lipid Research</i> , 2015, 56, 722-736.	4.2	264
14	Modeling of Eicosanoid Fluxes Reveals Functional Coupling between Cyclooxygenases and Terminal Synthases. <i>Biophysical Journal</i> , 2014, 106, 966-975.	0.5	25
15	A combined omics study on activated macrophagesâ€™ enhanced role of STATs in apoptosis, immunity and lipid metabolism. <i>Bioinformatics</i> , 2013, 29, 2735-2743.	4.1	28
16	Bioinformatics and Systems Biology of the Lipidome. <i>Chemical Reviews</i> , 2011, 111, 6452-6490.	47.7	154
17	Integration of lipidomics and transcriptomics data towards a systems biology model of sphingolipid metabolism. <i>BMC Systems Biology</i> , 2011, 5, 26.	3.0	47
18	A Mouse Macrophage Lipidome. <i>Journal of Biological Chemistry</i> , 2010, 285, 39976-39985.	3.4	260

#	ARTICLE	IF	CITATIONS
19	Identification of Crosstalk between Phosphoprotein Signaling Pathways in RAW 264.7 Macrophage Cells. PLoS Computational Biology, 2010, 6, e1000654.	3.2	15
20	An Integrated Model of Eicosanoid Metabolism and Signaling Based on Lipidomics Flux Analysis. Biophysical Journal, 2009, 96, 4542-4551.	0.5	54