

# Abhik Sen

## List of Publications by Year in descending order

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32  
papers

1,047  
citations

471509

17  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1622  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Leishmania donovani</i> Affects Antigen Presentation of Macrophage by Disrupting Lipid Rafts. Journal of Immunology, 2005, 175, 3214-3224.	0.8	123
2	Multilocus sequence typing and genetic structure of <i>Cryptosporidium hominis</i> from children in Kolkata, India. Infection, Genetics and Evolution, 2007, 7, 197-205.	2.3	118
3	ApoE4 and A $\beta$ Oligomers Reduce BDNF Expression via HDAC Nuclear Translocation. Journal of Neuroscience, 2015, 35, 7538-7551.	3.6	102
4	Bryostatins Effects on Cognitive Function and PKC $\epsilon$ in Alzheimer's Disease Phase IIa and Expanded Access Trials. Journal of Alzheimer's Disease, 2017, 58, 521-535.	2.6	83
5	The 29-Kilodalton Thiol-Dependent Peroxidase of <i>Entamoeba histolytica</i> Is a Factor Involved in Pathogenesis and Survival of the Parasite during Oxidative Stress. Eukaryotic Cell, 2007, 6, 664-673.	3.4	64
6	Apolipoprotein E3 (ApoE3) but Not ApoE4 Protects against Synaptic Loss through Increased Expression of Protein Kinase C $\mu$ . Journal of Biological Chemistry, 2012, 287, 15947-15958.	3.4	58
7	PKC activation during training restores mushroom spine synapses and memory in the aged rat. Neurobiology of Disease, 2013, 55, 44-62.	4.4	55
8	Molecular Characterization of <i>Cryptosporidium</i> spp. from Children in Kolkata, India. Journal of Clinical Microbiology, 2006, 44, 4246-4249.	3.9	53
9	Proteome changes associated with <i>Leishmania donovani</i> promastigote adaptation to oxidative and nitrosative stresses. Journal of Proteomics, 2013, 81, 185-199.	2.4	49
10	ApoE isoforms differentially regulates cleavage and secretion of BDNF. Molecular Brain, 2017, 10, 19.	2.6	43
11	PKC $\mu$ Deficits in Alzheimer's Disease Brains and Skin Fibroblasts. Journal of Alzheimer's Disease, 2014, 43, 491-509.	2.6	28
12	Protein Kinase C $\mu$ (PKC $\mu$ ) Promotes Synaptogenesis through Membrane Accumulation of the Postsynaptic Density Protein PSD-95. Journal of Biological Chemistry, 2016, 291, 16462-16476.	3.4	28
13	Hydrogen peroxide induces apoptosis-like death in <i>Entamoeba histolytica</i> trophozoites. Microbiology (United Kingdom), 2010, 156, 1926-1941.	1.8	24
14	Loss in PKC Epsilon Causes Downregulation of MnSOD and BDNF Expression in Neurons of Alzheimer's Disease Hippocampus. Journal of Alzheimer's Disease, 2018, 63, 1173-1189.	2.6	23
15	Usefulness of the direct agglutination test in the early detection of subclinical <i>Leishmania donovani</i> infection: a community-based study. Annals of Tropical Medicine and Parasitology, 2005, 99, 743-749.	1.6	22
16	<i>Leishmania donovani</i> cyclin 1 (LdCyc1) forms a complex with cell cycle kinase subunit CRK3 (LdCRK3) and is possibly involved in S-phase-related activities. FEMS Microbiology Letters, 2006, 256, 75-82.	1.8	22
17	Microarray based gene expression: a novel approach for identification and development of potential drug and effective vaccine against visceral Leishmaniasis.. International Journal of Advances in Pharmaceutical Sciences, 2010, 1, 1-14.	1.1	19
18	Isoform-Specific Effects of Apolipoprotein E on Markers of Inflammation and Toxicity in Brain Glia and Neuronal Cells In Vitro. Current Issues in Molecular Biology, 2021, 43, 215-225.	2.4	18

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19	TGFβ <sup>2</sup> -regulated tyrosine phosphatases induce lymphocyte apoptosis in <i>Leishmania donovani</i> -infected hamsters. <i>Immunology and Cell Biology</i> , 2011, 89, 466-474.	2.3	16
20	Thrombin Signaling Contributes to High Glucose-Induced Injury of Human Brain Microvascular Endothelial Cells. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 211-224.	2.6	16
21	Hippocampal microvasculature changes in association with oxidative stress in Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2018, 120, 192-203.	2.9	15
22	<i>Leishmania donovani</i> infection induce differential miRNA expression in CD4+ T cells. <i>Scientific Reports</i> , 2020, 10, 3523.	3.3	13
23	Apolipoprotein E particle size is increased in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 10-18.	2.4	10
24	Differential Regulation of miRNA Profiles of Human Cells Experimentally Infected by <i>Leishmania donovani</i> Isolated From Indian Visceral Leishmaniasis and Post-Kala-Azar Dermal Leishmaniasis. <i>Frontiers in Microbiology</i> , 2020, 11, 1716.	3.5	10
25	Preliminary evidence on existence of transplasma membrane electron transport in <i>Entamoeba histolytica</i> trophozoites: a key mechanism for maintaining optimal redox balance. <i>Journal of Bioenergetics and Biomembranes</i> , 2006, 38, 299-308.	2.3	9
26	Adduct formation in liquid chromatography-triple quadrupole mass spectrometric measurement of bryostatin 1. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 55-62.	2.3	8
27	Oxidant activated soluble adenylate cyclase of <i>Leishmania donovani</i> regulates the cAMP-PKA signaling axis for its intra-macrophage survival during infection. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1413-1427.	2.6	6
28	Short-term treatment with dabigatran alters protein expression patterns in a late-stage tau-based Alzheimer's disease mouse model. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100862.	1.3	4
29	Mevalonate kinase of <i>Leishmania donovani</i> protects parasite against oxidative stress by modulating ergosterol biosynthesis. <i>Microbiological Research</i> , 2021, 251, 126837.	5.3	4
30	<i>Leishmania donovani</i> Secretory Mevalonate Kinase Regulates Host Immune Response and Facilitates Phagocytosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 641985.	3.9	3
31	TLR4 and TLR9 polymorphism: Probable role in susceptibility among the population of Bihar for Indian visceral leishmaniasis. <i>Innate Immunity</i> , 2021, 27, 493-500.	2.4	1
32	Dabigatran reduces thrombin-induced neuroinflammation and AD markers in vitro: Therapeutic relevance for Alzheimer's disease. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100014.	0.9	0