Sandip K Basu

List of Publications by Citations

21 papers	4,315 citations	17 h-index	21 g-index
21 ext. papers	4,388 ext. citations	15.4 avg, IF	4.35 L-index

#	Paper	IF	Citations
21	Receptor-mediated endocytosis of low-density lipoprotein in cultured cells. *Methods in Enzymology*, **1983**, 98, 241-60	1.7	1428
20	Release of low density lipoprotein from its cell surface receptor by sulfated glycosaminoglycans. *Cell*, **1976**, 7, 85-95	56.2	589
19	Monensin interrupts the recycling of low density lipoprotein receptors in human fibroblasts. *Cell*, **1981**, 24, 493-502	56.2	565
18	HMG CoA reductase: a negatively regulated gene with unusual promoter and 5i untranslated regions. *Cell*, **1984**, 38, 275-85	56.2	538
17	The scavenger cell pathway for lipoprotein degradation: specificity of the binding site that mediates the uptake of negatively-charged LDL by macrophages. *Journal of Supramolecular Structure*, **1980**, 13, 67-81		439
16	Nucleotide sequence of 3-hydroxy-3-methyl-glutaryl coenzyme A reductase, a glycoprotein of endoplasmic reticulum. *Nature*, **1984**, 308, 613-7	50.4	256
15	Live Salmonella modulate expression of Rab proteins to persist in a specialized compartment and escape transport to lysosomes. *Journal of Biological Chemistry*, **2000**, 275, 16281-8	5.4	112
14	Inhibition of the binding of low-density lipoprotein to its cell surface receptor in human fibroblasts by positively charged proteins. *Journal of Supramolecular Structure*, **1978**, 8, 223-34		69
13	Hemoglobin endocytosis in Leishmania is mediated through a 46-kDa protein located in the flagellar pocket. *Journal of Biological Chemistry*, **1999**, 274, 2758-65	5.4	58
12	IL-6 and IL-12 specifically regulate the expression of Rab5 and Rab7 via distinct signaling pathways. *EMBO Journal*, **2006**, 25, 2878-88	13	43
11	Leishmania requires Rab7-mediated degradation of endocytosed hemoglobin for their growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 3980-5	11.5	42
10	Selective delivery of drugs to macrophages through a highly specific receptor. An efficient chemotherapeutic approach against leishmaniasis. *Biochemical Pharmacology*, **1989**, 38, 2995-3002	6	36
9	Oligonucleotides tethered to a short polyguanylic acid stretch are targeted to macrophages: enhanced antiviral activity of a vesicular stomatitis virus-specific antisense oligonucleotide. *Antimicrobial Agents and Chemotherapy*, **1999**, 43, 2689-96	5.9	29
8	Receptor-mediated endocytosis of macromolecular conjugates in selective drug delivery. *Biochemical Pharmacology*, **1990**, 40, 1941-6	6	27
7	Diverting intracellular trafficking of Salmonella to the lysosome through activation of the late endocytic Rab7 by intracellular delivery of muramyl dipeptide. *Journal of Cell Science*, **2002**, 115, 3693-701	5.3	24
6	Circumvention of multidrug resistance in neoplastic cells through scavenger receptor mediated drug delivery. *FEBS Letters*, **1995**, 376, 95-8	3.8	19
5	Enhancement of tumouricidal activity of daunomycin by receptor-mediated delivery. In vivo studies. *Biochemical Pharmacology*, **1993**, 46, 919-24	6	17

4	Receptor-mediated endocytosis: An overview of a dynamic process. *Journal of Biosciences*, **1984**, 6, 535-542	2.3	10
3	Enhanced intracellular delivery of doxorubicin by scavenger receptor-mediated endocytosis for preferential killing of histiocytic lymphoma cells in culture. *FEBS Letters*, **1994**, 342, 249-54	3.8	8
2	Intracellular delivery of drugs to macrophages. *Advances in Biochemical Engineering/Biotechnology*, **2003**, 84, 183-209	1.7	3
1	Receptor-mediated delivery of p-aminosalicylic acid conjugated to maleylated serum albumin against mycobacterium tuberculosis infection in guinea pigs. *Drug Delivery*, **1995**, 2, 144-149	7	3