

Manju Swaroop

List of Publications by Year in descending order

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36
papers

10,684
citations

236925

25
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

10050
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel gene containing a trinucleotide repeat that is expanded and unstable on Huntington's disease chromosomes. <i>Cell</i> , 1993, 72, 971-983.	28.9	7,960
2	cDNA cloning of the type 1 neurofibromatosis gene: Complete sequence of the NF1 gene product. <i>Genomics</i> , 1991, 11, 931-940.	2.9	384
3	Widespread expression of the human and rat Huntington's disease gene in brain and nonneural tissues. <i>Nature Genetics</i> , 1993, 5, 259-265.	21.4	382
4	Transcriptional Activation of the Human Glutathione Peroxidase Promoter by p53. <i>Journal of Biological Chemistry</i> , 1999, 274, 12061-12066.	3.4	218
5	Heparan sulfate assists SARS-CoV-2 in cell entry and can be targeted by approved drugs in vitro. <i>Cell Discovery</i> , 2020, 6, 80.	6.7	172
6	SAG, a Novel Zinc RING Finger Protein That Protects Cells from Apoptosis Induced by Redox Agents. <i>Molecular and Cellular Biology</i> , 1999, 19, 3145-3155.	2.3	142
7	Human cystathionine β -synthase cDNA: sequence, alternative splicing and expression in cultured cells. <i>Human Molecular Genetics</i> , 1993, 2, 1633-1638.	2.9	116
8	α -Tocopherol Reduces Lipid Accumulation in Niemann-Pick Type C1 and Wolman Cholesterol Storage Disorders. <i>Journal of Biological Chemistry</i> , 2012, 287, 39349-39360.	3.4	107
9	Magnetic bead capture of expressed sequences encoded within large genomic segments. <i>Nature</i> , 1993, 361, 751-753.	27.8	97
10	Mutagenesis of a Potential Immunoglobulin-binding Protein-binding Site Enhances Secretion of Coagulation Factor VIII. <i>Journal of Biological Chemistry</i> , 1997, 272, 24121-24124.	3.4	94
11	Depletion of Manganese within the Secretory Pathway Inhibits O-Linked Glycosylation in Mammalian Cells. <i>Biochemistry</i> , 1994, 33, 9813-9819.	2.5	90
12	SAG/ROC/Rbx/Hrt, a Zinc RING Finger Gene Family: Molecular Cloning, Biochemical Properties, and Biological Functions. <i>Antioxidants and Redox Signaling</i> , 2001, 3, 635-650.	5.4	89
13	The general mitochondrial matrix processing protease from rat liver: structural characterization of the catalytic subunit.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 7978-7982.	7.1	83
14	An alternatively-spliced mRNA in the carboxy terminus of the neurofibromatosis type 1 (NF1) gene is expressed in muscle. <i>Human Molecular Genetics</i> , 1993, 2, 989-992.	2.9	74
15	Niemann-Pick Disease Type C: Induced Pluripotent Stem Cell-Derived Neuronal Cells for Modeling Neural Disease and Evaluating Drug Efficacy. <i>Journal of Biomolecular Screening</i> , 2014, 19, 1164-1173.	2.6	73
16	High-Throughput Screening to Identify Compounds That Increase Fragile X Mental Retardation Protein Expression in Neural Stem Cells Differentiated From Fragile X Syndrome Patient-Derived Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 800-808.	3.3	70
17	Yeast homolog of human SAG/ROC2/Rbx2/Hrt2 is essential for cell growth, but not for germination: chip profiling implicates its role in cell cycle regulation. <i>Oncogene</i> , 2000, 19, 2855-2866.	5.9	62
18	Sequence analysis of the complete cDNA and encoded polypeptide for the Glued gene of <i>Drosophila melanogaster</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 6501-6505.	7.1	60

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19	A Phenotypic Compound Screening Assay for Lysosomal Storage Diseases. <i>Journal of Biomolecular Screening</i> , 2014, 19, 168-175.	2.6	51
20	Expression, purification, and biochemical characterization of sag, a ring finger redox-sensitive protein. <i>Free Radical Biology and Medicine</i> , 1999, 27, 193-202.	2.9	50
21	Promotion of S-phase entry and cell growth under serum starvation by SAG/ROC2/Rbx2/Hrt2, an E3 ubiquitin ligase component: Association with inhibition of p27 accumulation. <i>Molecular Carcinogenesis</i> , 2001, 30, 37-46.	2.7	36
22	Treatment Paradigms for Retinal and Macular Diseases Using 3-D Retina Cultures Derived From Human Reporter Pluripotent Stem Cell Lines. , 2016, 57, ORSF11.		35
23	Global Genechip Profiling to Identify Genes Responsive to p53-Induced Growth Arrest and Apoptosis in Human Lung Carcinoma Cells. <i>Cancer Biology and Therapy</i> , 2003, 2, 406-415.	3.4	33
24	Sequence analysis, expression and chromosomal localization of a gene, isolated from a subtracted human retina cDNA library, that encodes an insulin-like growth factor binding protein (IGFBP2). <i>Experimental Eye Research</i> , 1991, 52, 549-561.	2.6	30
25	Novel Cell-Based Hepatitis C Virus Infection Assay for Quantitative High-Throughput Screening of Anti-Hepatitis C Virus Compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 995-1004.	3.2	30
26	SAG/ROC2/Rbx2/Hrt2, a Component of SCF E3 Ubiquitin Ligase: Genomic Structure, a Splicing Variant, and Two Family Pseudogenes. <i>DNA and Cell Biology</i> , 2001, 20, 425-434.	1.9	28
27	Patient iPSC-derived neural stem cells exhibit phenotypes in concordance with the clinical severity of mucopolysaccharidosis I. <i>Human Molecular Genetics</i> , 2018, 27, 3612-3626.	2.9	23
28	Evaluation of Cholesterol Reduction Activity of Methyl- β -cyclodextrin Using Differentiated Human Neurons and Astrocytes. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1243-1251.	2.6	20
29	Analytical Characterization of Methyl- β -Cyclodextrin for Pharmacological Activity to Reduce Lysosomal Cholesterol Accumulation in Niemann-Pick Disease Type C1 Cells. <i>Assay and Drug Development Technologies</i> , 2017, 15, 154-166.	1.2	17
30	A High-Throughput, Multi-Cell Phenotype Assay for the Identification of Novel Inhibitors of Chemotaxis/Migration. <i>Scientific Reports</i> , 2016, 6, 22273.	3.3	15
31	Pharmacological clearance of misfolded rhodopsin for the treatment of <i>RHO</i> -associated retinitis pigmentosa. <i>FASEB Journal</i> , 2020, 34, 10146-10167.	0.5	10
32	Identification of novel anti-hepatitis C virus agents by a quantitative high throughput screen in a cell-based infection assay. <i>Antiviral Research</i> , 2015, 124, 20-29.	4.1	9
33	Smoothened antagonists for hair inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4932-4935.	2.2	8
34	iPS-derived neural stem cells for disease modeling and evaluation of therapeutics for mucopolysaccharidosis type II. <i>Experimental Cell Research</i> , 2022, 412, 113007.	2.6	5
35	Disease modeling for Mucopolysaccharidosis type IIIB using patient derived induced pluripotent stem cells. <i>Experimental Cell Research</i> , 2021, 407, 112785.	2.6	3
36	α -Tocopherol reduces lipid accumulation in Niemann-Pick type C1 and Wolman cholesterol storage disorders.. <i>Journal of Biological Chemistry</i> , 2013, 288, 296.	3.4	0