Rajagopal N Aravalli

List of Publications by Year
in descending order

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40 papers	1,799 citations	471371 17 h-index	315616 38 g-index
41 all docs	41 docs citations	41 times ranked	2934 citing authors

#	Article	IF	Citations
1	Molecular mechanisms of hepatocellular carcinoma. Hepatology, 2008, 48, 2047-2063.	3.6	571
2	Cutting Edge: TLR2-Mediated Proinflammatory Cytokine and Chemokine Production by Microglial Cells in Response to Herpes Simplex Virus. Journal of Immunology, 2005, 175, 4189-4193.	0.4	226
3	Cellular and molecular mechanisms of hepatocellular carcinoma: an update. Archives of Toxicology, 2013, 87, 227-247.	1.9	195
4	Toll-like Receptors in Defense and Damage of the Central Nervous System. Journal of NeuroImmune Pharmacology, 2007, 2, 297-312.	2.1	141
5	Shuttle vectors for hyperthermophilic archaea. Extremophiles, 1997, 1, 183-192.	0.9	75
6	General vectors for archaeal hyperthermophiles: Strategies based on a mobile intron and a plasmid. FEMS Microbiology Reviews, 1996, 18, 93-104.	3.9	65
7	Potentiation of HIV-1 Expression in Microglial Cells by Nicotine: Involvement of Transforming Growth Factor-Î²1. Journal of NeuroImmune Pharmacology, 2008, 3, 143-149.	2.1	51
8	Role of innate immunity in the development of hepatocellular carcinoma. World Journal of Gastroenterology, 2013, 19, 7500.	1.4	47
9	Toll-like receptor 2 signaling is a mediator of apoptosis in herpes simplex virus-infected microglia. Journal of Neuroinflammation, 2007, 4, 11.	3.1	44
10	Hepatic differentiation of porcine induced pluripotent stem cells in vitro. Veterinary Journal, 2012, 194, 369-374.	0.6	34
11	Differential apoptotic signaling in primary glial cells infected with herpes simplex virus 1. Journal of NeuroVirology, 2006, 12, 501-510.	1.0	31
12	Inhibition of Toll-like Receptor Signaling in Primary Murine Microglia. Journal of NeuroImmune Pharmacology, 2008, 3, 5-11.	2.1	30
13	Animal models of cancer in interventional radiology. European Radiology, 2009, 19, 1049-1053.	2.3	30
14	Liverâ€targeted gene therapy: Approaches and challenges. Liver Transplantation, 2015, 21, 718-737.	1.3	25
15	Development of MicroRNA Therapeutics for Hepatocellular Carcinoma. Diagnostics, 2013, 3, 170-191.	1.3	22
16	Archaea and the new age of microorganisms. Trends in Ecology and Evolution, 1998, 13, 190-194.	4.2	21
17	Histoplasma capsulatum yeast phase-specific protein Yps3p induces Toll-like receptor 2 signaling. Journal of Neuroinflammation, 2008, 5, 30.	3.1	20
18	Immune-Mediated Therapies for Liver Cancer. Genes, 2017, 8, 76.	1.0	20

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19	Interspecies Organogenesis for Human Transplantation. Cell Transplantation, 2019, 28, 1091-1105.	1.2	19
20	Gene editing technology as an approach to the treatment of liver diseases. Expert Opinion on Biological Therapy, 2016, 16, 595-608.	1.4	15
21	Stem Cell Origins and Animal Models of Hepatocellular Carcinoma. Digestive Diseases and Sciences, 2010, 55, 1241-1250.	1.1	13
22	FoxC1: Novel Regulator of Inflammation-Induced Metastasis in Hepatocellular Carcinoma. Gastroenterology, 2015, 149, 861-863.	0.6	12
23	Gene expression profiling of MYC-driven tumor signatures in porcine liver stem cells by transcriptome sequencing. World Journal of Gastroenterology, 2015, 21, 2011-2029.	1.4	11
24	Relevance of Rabbit VX2 Tumor Model for Studies on Human Hepatocellular Carcinoma: A MicroRNA-Based Study. Journal of Clinical Medicine, 2015, 4, 1989-1997.	1.0	10
25	Circulating microRNAs: novel biomarkers for early detection of colorectal cancer. Translational Research, 2015, 166, 219-224.	2.2	9
26	CRISPR/Cas9 therapeutics for liver diseases. Journal of Cellular Biochemistry, 2018, 119, 4265-4278.	1.2	9
27	Spectroscopic and Calorimetric Evaluation of Chemically Induced Protein Denaturation in HuH-7 Liver Cancer Cells and Impact on Cell Survival. Technology in Cancer Research and Treatment, 2012, 11, 467-473.	0.8	7
28	Development of immortalized human hepatocyte-like hybrid cells by fusion of multi-lineage progenitor cells with primary hepatocytes. PLoS ONE, 2020, 15, e0234002.	1.1	7
29	Utility of Common Marmoset (Callithrix jacchus) Embryonic Stem Cells in Liver Disease Modeling, Tissue Engineering and Drug Metabolism. Genes, 2020, 11, 729.	1.0	7
30	Establishment and characterization of a unique 1Î¼m diameter liver-derived progenitor cell line. Biochemical and Biophysical Research Communications, 2010, 391, 56-62.	1.0	6
31	Precision Targeted Ablation of Fine Neurovascular Structures In Vivo Using Dual-mode Ultrasound Arrays. Scientific Reports, 2020, 10, 9249.	1.6	5
32	Hepatic Differentiation of Marmoset Embryonic Stem Cells and Functional Characterization of ESC-Derived Hepatocyte-Like Cells . Hepatic Medicine: Evidence and Research, 2020, Volume 12, 15-27.	0.9	5
33	Generating liver using blastocyst complementation: Opportunities and challenges. Xenotransplantation, 2021, 28, e12668.	1.6	4
34	In vitro Differentiation of TERT-Transfected Multi-Lineage Progenitor Cells (MLPC) into Immortalized Hepatocyte-Like Cells . Hepatic Medicine: Evidence and Research, 2020, Volume 12, 79-92.	0.9	3
35	Fumarylacetoacetate hydrolase gene as a knockout target for hepatic chimerism and donor liver production. Stem Cell Reports, 2021, 16, 2577-2588.	2.3	3
36	Lung Gene Therapy: Clinical and Regulatory Issues. Clinical Research and Regulatory Affairs, 2004, 21, 1-28.	2.1	2

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37	Progress in stem cell-derived technologies for hepatocellular carcinoma. Stem Cells and Cloning: Advances and Applications, 2010, 3, 81.	2.3	2
38	Detection of Sleeping Beauty transposition in the genome of host cells by non-radioactive Southern blot analysis. Biochemical and Biophysical Research Communications, 2016, 477, 317-321.	1.0	2
39	Characterization of Image-based Refocusing for Transcranial Therapies. , 2019, , .		0
40	Importance of Protein Denaturation to Thermochemical Ablation of Liver Tumors. , 2011, , .		0