

# Jorge B Aquino

## List of Publications by Year in descending order

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43  
papers

1,990  
citations

279798

23  
h-index

265206

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Schwann Cell Precursors from Nerve Innervation Are a Cellular Origin of Melanocytes in Skin. <i>Cell</i> , 2009, 139, 366-379.	28.9	477
2	The pan-caspase inhibitor Emricasan (<sc>IDN</sc>-6556) decreases liver injury and fibrosis in a murine model of non-alcoholic steatohepatitis. <i>Liver International</i> , 2015, 35, 953-966.	3.9	231
3	In vitro and in vivo differentiation of boundary cap neural crest stem cells into mature Schwann cells. <i>Experimental Neurology</i> , 2006, 198, 438-449.	4.1	100
4	Antitumor effects of hyaluronic acid inhibitor 4-methylumbelliferone in an orthotopic hepatocellular carcinoma model in mice. <i>Glycobiology</i> , 2012, 22, 400-410.	2.5	91
5	Hepatocellular Carcinoma Cells and Their Fibrotic Microenvironment Modulate Bone Marrow-Derived Mesenchymal Stromal Cell Migration <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2011, 8, 1538-1548.	4.6	72
6	Mesenchymal stem cells as therapeutic tools and gene carriers in liver fibrosis and hepatocellular carcinoma. <i>Gene Therapy</i> , 2010, 17, 692-708.	4.5	69
7	Mesenchymal Stromal Cells Engineered to Produce IGF-I by Recombinant Adenovirus Ameliorate Liver Fibrosis in Mice. <i>Stem Cells and Development</i> , 2015, 24, 791-801.	2.1	63
8	Low molecular weight hyaluronan inhibits colorectal carcinoma growth by decreasing tumor cell proliferation and stimulating immune response. <i>Cancer Letters</i> , 2009, 278, 9-16.	7.2	57
9	Adenovirus-mediated inhibition of SPARC attenuates liver fibrosis in rats. <i>Journal of Gene Medicine</i> , 2008, 10, 993-1004.	2.8	53
10	Lack of the Central Nervous System- and Neural Crest-Expressed Forkhead Gene Foxs1 Affects Motor Function and Body Weight. <i>Molecular and Cellular Biology</i> , 2005, 25, 5616-5625.	2.3	51
11	Lack of the Matricellular Protein SPARC (Secreted Protein, Acidic and Rich in Cysteine) Attenuates Liver Fibrogenesis in Mice. <i>PLoS ONE</i> , 2013, 8, e54962.	2.5	43
12	Increased Migration of Human Mesenchymal Stromal Cells by Autocrine Motility Factor (AMF) Resulted in Enhanced Recruitment towards Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e95171.	2.5	42
13	Emergence of the sensory nervous system as defined by Foxs1 expression. <i>Differentiation</i> , 2007, 75, 404-417.	1.9	41
14	Mesenchymal Stem/Stromal Cells in Liver Fibrosis: Recent Findings, Old/New Caveats and Future Perspectives. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 586-597.	5.6	40
15	Overexpression of SPARC obliterates the <i>in vivo</i> tumorigenicity of human hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , 2010, 126, 2726-2740.	5.1	38
16	The retinoic acid inducible Cas-family signaling protein Nedd9 regulates neural crest cell migration by modulating adhesion and actin dynamics. <i>Neuroscience</i> , 2009, 162, 1106-1119.	2.3	38
17	A Novel Synergistic Combination of Cyclophosphamide and Gene Transfer of Interleukin-12 Eradicates Colorectal Carcinoma in Mice. <i>Clinical Cancer Research</i> , 2009, 15, 7256-7265.	7.0	37
18	Positional differences of axon growth rates between sensory neurons encoded by runx3. <i>EMBO Journal</i> , 2012, 31, 3718-3729.	7.8	37

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19	SPARC downregulation attenuates the profibrogenic response of hepatic stellate cells induced by TGF- $\beta$ <sup>2</sup> and PDGF. American Journal of Physiology - Renal Physiology, 2011, 300, G739-G748.	3.4	36
20	Reversal of gastrointestinal carcinoma-induced immunosuppression and induction of antitumoural immunity by a combination of cyclophosphamide and gene transfer of IL-12. Molecular Oncology, 2011, 5, 242-255.	4.6	32
21	Schwann cell precursors in health and disease. Glia, 2018, 66, 465-476.	4.9	30
22	Local and Systemic Cellular Immunity in Early Renal Artery Atherosclerosis. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 224-230.	4.5	27
23	Immunotherapy for liver tumors: present status and future prospects. Journal of Biomedical Science, 2009, 16, 30.	7.0	23
24	SPARC (secreted protein acidic and rich in cysteine) knockdown protects mice from acute liver injury by reducing vascular endothelial cell damage. Gene Therapy, 2015, 22, 9-19.	4.5	23
25	Single low-dose cyclophosphamide combined with interleukin-12 gene therapy is superior to a metronomic schedule in inducing immunity against colorectal carcinoma in mice. Oncoimmunology, 2012, 1, 1038-1047.	4.6	22
26	Involvement of hepatic macrophages in the antifibrotic effect of IGF-I-overexpressing mesenchymal stromal cells. Stem Cell Research and Therapy, 2016, 7, 172.	5.5	22
27	Low molecular weight hyaluronan preconditioning of tumor-pulsed dendritic cells increases their migratory ability and induces immunity against murine colorectal carcinoma. Cancer Immunology, Immunotherapy, 2011, 60, 1383-1395.	4.2	21
28	Low Molecular Weight Hyaluronan-Pulsed Human Dendritic Cells Showed Increased Migration Capacity and Induced Resistance to Tumor Chemoattraction. PLoS ONE, 2014, 9, e107944.	2.5	20
29	The therapeutic potential of bone marrow-derived mesenchymal stromal cells on hepatocellular carcinoma. Liver International, 2014, 34, 330-342.	3.9	18
30	Tumor Microenvironment Remodeling by 4-Methylumbelliferone Boosts the Antitumor Effect of Combined Immunotherapy in Murine Colorectal Carcinoma. Molecular Therapy, 2015, 23, 1444-1455.	8.2	18
31	Differential expression and dynamic changes of murine NEDD9 in progenitor cells of diverse tissues. Gene Expression Patterns, 2008, 8, 217-226.	0.8	17
32	Human Umbilical Cord Perivascular Cells Exhibited Enhanced Migration Capacity towards Hepatocellular Carcinoma in Comparison with Bone Marrow Mesenchymal Stromal Cells: A Role for Autocrine Motility Factor Receptor. BioMed Research International, 2014, 2014, 1-9.	1.9	14
33	GABAergic Mechanisms Can Redress the Tilted Balance between Excitation and Inhibition in Damaged Spinal Networks. Molecular Neurobiology, 2021, 58, 3769-3786.	4.0	12
34	Nerve degeneration is prevented by a single intraneural apotransferrin injection into colchicine-injured sciatic nerves in the rat. Brain Research, 2006, 1117, 80-91.	2.2	11
35	Diverse cellular origins of adult blood vascular endothelial cells. Developmental Biology, 2021, 477, 117-132.	2.0	11
36	PO and myelin basic protein-like immunoreactivities following ligation of the sciatic nerve in the rat. Neurochemical Research, 2002, 27, 1293-1303.	3.3	10

#	ARTICLE	IF	CITATIONS
37	Uncovering the In Vivo Source of Adult Neural Crest Stem Cells. <i>Stem Cells and Development</i> , 2017, 26, 303-313.	2.1	9
38	Brain stem slice conditioned medium contains endogenous BDNF and GDNF that affect neural crest boundary cap cells in co-culture. <i>Brain Research</i> , 2014, 1566, 12-23.	2.2	8
39	Combined Therapy for Gastrointestinal Carcinomas: Exploiting Synergies Between Gene Therapy and Classical Chemo-Radiotherapy. <i>Current Gene Therapy</i> , 2015, 15, 151-160.	2.0	8
40	Contribution of neural crest and GLAST <sup>+</sup> Wnt1 <sup>+</sup> bone marrow pericytes with liver fibrogenesis and/or regeneration. <i>Liver International</i> , 2020, 40, 977-987.	3.9	7
41	Nicotine Neurotoxicity Involves Low Wnt1 Signaling in Spinal Locomotor Networks of the Postnatal Rodent Spinal Cord. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9572.	4.1	6
42	Chemoimmunotherapy for advanced gastrointestinal carcinomas: A successful combination of gene therapy and cyclophosphamide. <i>Oncolmmunology</i> , 2012, 1, 1626-1628.	4.6	4
43	Role of the Glia and the Neural Crest in Central Nervous System Health and Disease. , 2017, , 135-150.		1