Manuel Torres

List of Publications by Year
in descending order

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40 papers	1,448 citations	516710 16 h-index	361022 35 g-index
40 all docs	40 docs citations	40 times ranked	2166 citing authors

#	Article	IF	Citations
1	Inflammatory Response in the Hippocampus of PS1_{M146L}/APP_{751SL}Mouse Model of Alzheimer's Disease: Age-Dependent Switch in the Microglial Phenotype from Alternative to Classic. Journal of Neuroscience, 2008, 28, 11650-11661.	3.6	340
2	Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimerâ€™s mice hippocampus. Acta Neuropathologica, 2012, 123, 53-70.	7.7	179
3	Age-dependent Accumulation of Soluble Amyloid Î² (AÎ²) Oligomers Reverses the Neuroprotective Effect of Soluble Amyloid Precursor Protein-Î± (sAPPÎ±) by Modulating Phosphatidylinositol 3-Kinase (PI3K)/Akt-GSK-3Î² Pathway in Alzheimer Mouse Model. Journal of Biological Chemistry, 2011, 286, 18414-18425.	3.4	164
4	Defective lysosomal proteolysis and axonal transport are early pathogenic events that worsen with age leading to increased APP metabolism and synaptic Abeta in transgenic APP/PS1 hippocampus. Molecular Neurodegeneration, 2012, 7, 59.	10.8	85
5	Calretinin Interneurons are Early Targets of Extracellular Amyloid-Î² Pathology in PS1/AÎ²PP Alzheimer Mice Hippocampus. Journal of Alzheimer's Disease, 2010, 21, 119-132.	2.6	81
6	Kubo formula for Floquet states and photoconductivity oscillations in a two-dimensional electron gas. Physical Review B, 2005, 71, .	3.2	73
7	Membrane lipid modifications and therapeutic effects mediated by hydroxydocosahexaenoic acid on Alzheimer's disease. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1680-1692.	2.6	50
8	Cognitive recovery and restoration of cell proliferation in the dentate gyrus in the 5XFAD transgenic mice model of Alzheimerâ€™s disease following 2-hydroxy-DHA treatment. Biogerontology, 2013, 14, 763-775.	3.9	47
9	Finite-temperature corrections to the effective potential of neutrinos in a medium. Physical Review D, 1992, 46, 1172-1179.	4.7	46
10	Extracellular Amyloid-Î² and Cytotoxic Glial Activation Induce Significant Entorhinal Neuron Loss in Young PS1M146L/APP751SL Mice. Journal of Alzheimer's Disease, 2009, 18, 755-776.	2.6	40
11	Bogomol'nyi limit for nontopological solitons in a Chern-Simons model with anomalous magnetic moment. Physical Review D, 1992, 46, R2295-R2298.	4.7	36
12	Activity-Dependent Neuroprotective Protein (ADNP) Expression in the Amyloid Precursor Protein/Presenilin 1 Mouse Model of Alzheimerâ€™s Disease. Journal of Molecular Neuroscience, 2010, 41, 114-120.	2.3	34
13	In vivo modification of Abeta plaque toxicity as a novel neuroprotective lithium-mediated therapy for Alzheimerâ€™s disease pathology. Acta Neuropathologica Communications, 2013, 1, 73.	5.2	33
14	Photoconductivity in AC-driven modulated two-dimensional electron gas in a perpendicular magnetic field. Journal of Physics Condensed Matter, 2006, 18, 4029-4045.	1.8	23
15	Disruption of Amyloid Plaques Integrity Affects the Soluble Oligomers Content from Alzheimer Disease Brains. PLoS ONE, 2014, 9, e114041.	2.5	20
16	The unfolded protein response in the therapeutic effect of hydroxy-DHA against Alzheimerâ€™s disease. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 712-724.	4.9	17
17	The hydroxylated form of docosahexaenoic acid (DHA-H) modifies the brain lipid composition in a model of Alzheimer's disease, improving behavioral motor function and survival. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1596-1603.	2.6	16
18	The Implications for Cells of the Lipid Switches Driven by Proteinâ€“Membrane Interactions and the Development of Membrane Lipid Therapy. International Journal of Molecular Sciences, 2020, 21, 2322.	4.1	16

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19	The triacylglycerol, hydroxytriolein, inhibits triple negative mammary breast cancer cell proliferation through a mechanism dependent on dihydroceramide and Akt. Oncotarget, 2019, 10, 2486-2507.	1.8	15
20	Self-dual non-Abelian vortices in a Î¦2 Chern-Simons theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 327-333.	4.1	14
21	Bloch electrons in electric and magnetic fields. Physical Review B, 2000, 61, 9879-9882.	3.2	14
22	Vortices and domain walls in a Chern-Simons theory with magnetic moment interactions. Physical Review D, 1997, 55, 6327-6338.	4.7	12
23	Lipids in Pathophysiology and Development of the Membrane Lipid Therapy: New Bioactive Lipids. Membranes, 2021, 11, 919.	3.0	12
24	Dynamical localization for Bloch electrons in magnetic and electric fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 323, 290-297.	2.1	11
25	The role of inelastic processes in the temperature dependence of hall induced resistance oscillations. Physica B: Condensed Matter, 2013, 425, 78-82.	2.7	11
26	Neutrino damping rate at finite temperature and density. Physical Review D, 2002, 66, .	4.7	6
27	Symmetries in Hall-like systems: microwave and nonlinear transport effects. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 304036.	2.1	6
28	2-Hydroxy-Docosahexaenoic Acid Is Converted Into Heneicosapentaenoic Acid via Î±-Oxidation: Implications for Alzheimerâ€™s Disease Therapy. Frontiers in Cell and Developmental Biology, 2020, 8, 164.	3.7	6
29	The Novel Antitumor Compound HCA Promotes Glioma Cell Death by Inducing Endoplasmic Reticulum Stress and Autophagy. Cancers, 2021, 13, 4290.	3.7	6
30	STABILITY OF NON-TOPOLOGICAL CHERN-SIMONS VORTICES IN A Ï•2-MODEL. Modern Physics Letters A, 1993, 08, 2955-2962.	1.2	5
31	Semilocal nontopological vortices in a Chern-Simons theory. Physical Review D, 1995, 51, 4533-4542.	4.7	5
32	Hofstadter spectrum in electric and magnetic fields. Annals of Physics, 2005, 315, 532-552.	2.8	5
33	Closed External Schemas in Object-Oriented Databases. Lecture Notes in Computer Science, 2001, , 826-835.	1.3	5
34	Definition of External Schemas in ODMG Databases. , 2001, , 3-14.		5
35	Brain Lipids in the Pathophysiology and Treatment of Alzheimerâ€™s Disease. , 2016, , .		4
36	A model for the microwave assisted magnetoresistance oscillations in a 2D electron system. Physica Status Solidi (B): Basic Research, 2005, 242, 1192-1198.	1.5	3

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37	Extending ODMG Metadata to Define External Schemas.. Journal of Object Technology, 2003, 2, 183.	0.9	3
38	A Methodology to Define External Schemas in ODMG Databases. Computer Journal, 2005, 48, 714-736.	2.4	0
39	Microwave induced negative resistance states in 2D electron gas with periodic modulation. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 645-647.	0.8	0
40	Closing Ontologies to Define OLAP Systems. International Journal of Information Retrieval Research, 2014, 4, 1-16.	0.7	0