

Manuel Torres

List of Publications by Year in descending order

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Version: 2024-02-01

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 | The Novel Antitumor Compound HCA Promotes Glioma Cell Death by Inducing Endoplasmic Reticulum Stress and Autophagy. <i>Cancers</i> , 2021, 13, 4290. | 3.7 | 6 |
| 2 | Lipids in Pathophysiology and Development of the Membrane Lipid Therapy: New Bioactive Lipids. <i>Membranes</i> , 2021, 11, 919. | 3.0 | 12 |
| 3 | The Implications for Cells of the Lipid Switches Driven by Protein-Membrane Interactions and the Development of Membrane Lipid Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2322. | 4.1 | 16 |
| 4 | 2-Hydroxy-Docosahexaenoic Acid Is Converted Into Heneicosapentaenoic Acid via ω -Oxidation: Implications for Alzheimer's Disease Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 164. | 3.7 | 6 |
| 5 | The triacylglycerol, hydroxytriolein, inhibits triple negative mammary breast cancer cell proliferation through a mechanism dependent on dihydroceramide and Akt. <i>Oncotarget</i> , 2019, 10, 2486-2507. | 1.8 | 15 |
| 6 | 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. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1596-1603. | 2.6 | 16 |
| 7 | Brain Lipids in the Pathophysiology and Treatment of Alzheimer's Disease. , 2016, , . | | 4 |
| 8 | The unfolded protein response in the therapeutic effect of hydroxy-DHA against Alzheimer's disease. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 712-724. | 4.9 | 17 |
| 9 | Membrane lipid modifications and therapeutic effects mediated by hydroxydocosahexaenoic acid on Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1680-1692. | 2.6 | 50 |
| 10 | Disruption of Amyloid Plaques Integrity Affects the Soluble Oligomers Content from Alzheimer Disease Brains. <i>PLoS ONE</i> , 2014, 9, e114041. | 2.5 | 20 |
| 11 | Closing Ontologies to Define OLAP Systems. <i>International Journal of Information Retrieval Research</i> , 2014, 4, 1-16. | 0.7 | 0 |
| 12 | The role of inelastic processes in the temperature dependence of hall induced resistance oscillations. <i>Physica B: Condensed Matter</i> , 2013, 425, 78-82. | 2.7 | 11 |
| 13 | Cognitive recovery and restoration of cell proliferation in the dentate gyrus in the 5XFAD transgenic mice model of Alzheimer's disease following 2-hydroxy-DHA treatment. <i>Biogerontology</i> , 2013, 14, 763-775. | 3.9 | 47 |
| 14 | In vivo modification of Abeta plaque toxicity as a novel neuroprotective lithium-mediated therapy for Alzheimer's disease pathology. <i>Acta Neuropathologica Communications</i> , 2013, 1, 73. | 5.2 | 33 |
| 15 | 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. <i>Molecular Neurodegeneration</i> , 2012, 7, 59. | 10.8 | 85 |
| 16 | Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimer's mice hippocampus. <i>Acta Neuropathologica</i> , 2012, 123, 53-70. | 7.7 | 179 |
| 17 | Age-dependent Accumulation of Soluble Amyloid $A\beta$ Oligomers Reverses the Neuroprotective Effect of Soluble Amyloid Precursor Protein- β (sAPP β) by Modulating Phosphatidylinositol 3-Kinase (PI3K)/Akt-GSK-3 β Pathway in Alzheimer Mouse Model. <i>Journal of Biological Chemistry</i> , 2011, 286, 18414-18425. | 3.4 | 164 |
| 18 | Activity-Dependent Neuroprotective Protein (ADNP) Expression in the Amyloid Precursor Protein/Presenilin 1 Mouse Model of Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 114-120. | 2.3 | 34 |

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|----|--|-----|-----------|
| 19 | Calretinin Interneurons are Early Targets of Extracellular Amyloid- β Pathology in PS1/A β PP Alzheimer Mice Hippocampus. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 119-132. | 2.6 | 81 |
| 20 | Extracellular Amyloid- β and Cytotoxic Glial Activation Induce Significant Entorhinal Neuron Loss in Young PS1M146L/APP751SL Mice. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 755-776. | 2.6 | 40 |
| 21 | 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. <i>Journal of Neuroscience</i> , 2008, 28, 11650-11661. | 3.6 | 340 |
| 22 | Symmetries in Hall-like systems: microwave and nonlinear transport effects. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 304036. | 2.1 | 6 |
| 23 | Microwave induced negative resistance states in 2D electron gas with periodic modulation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 645-647. | 0.8 | 0 |
| 24 | Photoconductivity in AC-driven modulated two-dimensional electron gas in a perpendicular magnetic field. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 4029-4045. | 1.8 | 23 |
| 25 | Hofstadter spectrum in electric and magnetic fields. <i>Annals of Physics</i> , 2005, 315, 532-552. | 2.8 | 5 |
| 26 | A model for the microwave assisted magnetoresistance oscillations in a 2D electron system. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1192-1198. | 1.5 | 3 |
| 27 | A Methodology to Define External Schemas in ODMG Databases. <i>Computer Journal</i> , 2005, 48, 714-736. | 2.4 | 0 |
| 28 | Kubo formula for Floquet states and photoconductivity oscillations in a two-dimensional electron gas. <i>Physical Review B</i> , 2005, 71, . | 3.2 | 73 |
| 29 | Dynamical localization for Bloch electrons in magnetic and electric fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 323, 290-297. | 2.1 | 11 |
| 30 | Extending ODMG Metadata to Define External Schemas.. <i>Journal of Object Technology</i> , 2003, 2, 183. | 0.9 | 3 |
| 31 | Neutrino damping rate at finite temperature and density. <i>Physical Review D</i> , 2002, 66, . | 4.7 | 6 |
| 32 | Closed External Schemas in Object-Oriented Databases. <i>Lecture Notes in Computer Science</i> , 2001, , 826-835. | 1.3 | 5 |
| 33 | Definition of External Schemas in ODMG Databases. , 2001, , 3-14. | | 5 |
| 34 | Bloch electrons in electric and magnetic fields. <i>Physical Review B</i> , 2000, 61, 9879-9882. | 3.2 | 14 |
| 35 | Vortices and domain walls in a Chern-Simons theory with magnetic moment interactions. <i>Physical Review D</i> , 1997, 55, 6327-6338. | 4.7 | 12 |
| 36 | Self-dual non-Abelian vortices in a $\hat{U}(2)$ Chern-Simons theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 359, 327-333. | 4.1 | 14 |

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|----|---|-----|-----------|
| 37 | Semilocal nontopological vortices in a Chern-Simons theory. <i>Physical Review D</i> , 1995, 51, 4533-4542. | 4.7 | 5 |
| 38 | STABILITY OF NON-TOPOLOGICAL CHERN-SIMONS VORTICES IN A \tilde{H}_2 -MODEL. <i>Modern Physics Letters A</i> , 1993, 08, 2955-2962. | 1.2 | 5 |
| 39 | Finite-temperature corrections to the effective potential of neutrinos in a medium. <i>Physical Review D</i> , 1992, 46, 1172-1179. | 4.7 | 46 |
| 40 | Bogomol'nyi limit for nontopological solitons in a Chern-Simons model with anomalous magnetic moment. <i>Physical Review D</i> , 1992, 46, R2295-R2298. | 4.7 | 36 |