

# Marcos Arturo Martínez-Banaclocha

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,422  
citations

304368

22  
h-index

329751

37  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1487  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Therapeutic potential of N-acetylcysteine in age-related mitochondrial neurodegenerative diseases. <i>Medical Hypotheses</i> , 2001, 56, 472-477.   | 0.8 | 97        |
| 2  | Impairment of mitochondrial oxidative phosphorylation in the brain of aged mice. <i>Brain Research</i> , 1994, 644, 335-338.  | 1.1 | 82        |
| 3  | Increased cerebrospinal fluid Fas (Apo-1) levels in Alzheimer's disease. <i>Brain Research</i> , 2000, 869, 216-219.  | 1.1 | 82        |
| 4  | N-Acetylcysteine elicited increase in complex I activity in synaptic mitochondria from aged mice: implications for treatment of Parkinson's disease. <i>Brain Research</i> , 2000, 859, 173-175.                            | 1.1 | 72        |
| 5  | N-Acetylcysteine delays age-associated memory impairment in mice: role in synaptic mitochondria. <i>Brain Research</i> , 2000, 855, 100-106.  | 1.1 | 69        |
| 6  | Diagnosis of the sentinel lymph node in breast cancer: a reproducible molecular method: a multicentric Spanish study. <i>Histopathology</i> , 2011, 58, 863-869.  | 1.6 | 63        |
| 7  | Amino acid concentrations in cerebrospinal fluid and serum in Alzheimer's disease and vascular dementia. <i>Journal of Neural Transmission Parkinson's Disease and Dementia Section</i> , 1993, 6, 1-9.                     | 1.2 | 60        |
| 8  | Neuropeptides and interleukin-6 in human joint inflammation. Relationship between intraarticular substance P and interleukin-6 concentrations. <i>Neuroscience Letters</i> , 1994, 170, 251-254.                            | 1.0 | 58        |
| 9  | N-Acetylcysteine protects against age-related increase in oxidized proteins in mouse synaptic mitochondria. <i>Brain Research</i> , 1997, 762, 256-258.   | 1.1 | 57        |
| 10 | Hypothesis: Can N-acetylcysteine be beneficial in Parkinson's disease?. <i>Life Sciences</i> , 1999, 64, 1253-1257.   | 2.0 | 55        |
| 11 | Alterations in plasma and cerebrospinal fluid levels of neuropeptides in idiopathic senile anorexia. <i>Regulatory Peptides</i> , 1993, 49, 109-117.  | 1.9 | 53        |
| 12 | Antioxidants Inhibit the Human Cortical Neuron Apoptosis Induced by Hydrogen Peroxide, Tumor Necrosis Factor Alpha, Dopamine and Beta-amyloid Peptide 1-42. <i>Free Radical Research</i> , 2002, 36, 1179-1184.             | 1.5 | 53        |
| 13 | Serum levels of zinc and copper in patients with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 1992, 112, 30-33.   | 0.3 | 52        |
| 14 | Age-related changes in glutathione and lipid peroxide content in mouse synaptic mitochondria: Relationship to cytochrome c oxidase decline. <i>Neuroscience Letters</i> , 1994, 170, 121-124.                               | 1.0 | 52        |
| 15 | Neuromagnetic dialogue between neuronal minicolumns and astroglial network: A new approach for memory and cerebral computation. <i>Brain Research Bulletin</i> , 2007, 73, 21-27.   | 1.4 | 41        |
| 16 | Long-term memory in brain magnetite. <i>Medical Hypotheses</i> , 2010, 74, 254-257.   | 0.8 | 37        |
| 17 | N-acetyl-cysteine in the treatment of Parkinson's disease. What are we waiting for?. <i>Medical Hypotheses</i> , 2012, 79, 8-12.  | 0.8 | 37        |
| 18 | N-Acetylcysteine protects against age-related decline of oxidative phosphorylation in liver mitochondria. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1995, 292, 333-335. | 0.8 | 36        |

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|----|---|-----|-----------|
| 19 | Relationship of interleukin-1 $\beta$ and $\beta$ 2-microglobulin with neuropeptides in cerebrospinal fluid of patients with dementia of the Alzheimer type. <i>Journal of Neuroimmunology</i> , 1993, 48, 235-240. | 1.1 | 35        |
| 20 | Depletion of cytosolic GSH decreases the ATP levels and viability of synaptosomes from aged mice but not from young mice. <i>Mechanisms of Ageing and Development</i> , 1995, 84, 77-81.                            | 2.2 | 29        |
| 21 | Fine-needle aspiration cytology of metastatic nasopharyngeal carcinoma. <i>Diagnostic Cytopathology</i> , 2005, 32, 233-237.  | 0.5 | 27        |
| 22 | N-Acetylcysteine elicited increase in cytochrome c oxidase activity in mice synaptic mitochondria. <i>Brain Research</i> , 1999, 842, 249-251.  | 1.1 | 25        |
| 23 | Increased cAMP immunostaining in cerebral vessels in Alzheimer's disease. <i>Brain Research</i> , 2001, 922, 148-152.   | 1.1 | 22        |
| 24 | Alterations of anorectic cytokine levels from plasma and cerebrospinal fluid in idiopathic senile anorexia. <i>Mechanisms of Ageing and Development</i> , 1993, 72, 145-153.  | 2.2 | 19        |
| 25 | Molecular Diagnosis of Sentinel Lymph Nodes for Breast Cancer. <i>Diagnostic Molecular Pathology</i> , 2011, 20, 18-21.   | 2.1 | 18        |
| 26 | Altered cerebrospinal fluid amino acid pattern in the anorexia of aging: Relationship with biogenic amine metabolism. <i>Life Sciences</i> , 1993, 53, 1643-1650.   | 2.0 | 17        |
| 27 | Effects of turmeric on blood and liver lipoperoxide levels of mice: Lack of toxicity. <i>Age</i> , 1995, 18, 171-174.   | 3.0 | 17        |
| 28 | Ephaptic Coupling of Cortical Neurons: Possible Contribution of Astroglial Magnetic Fields?. <i>Neuroscience</i> , 2018, 370, 37-45.  | 1.1 | 17        |
| 29 | Astroglial Isopotentiality and Calcium-Associated Biomagnetic Field Effects on Cortical Neuronal Coupling. <i>Cells</i> , 2020, 9, 439.   | 1.8 | 16        |
| 30 | MAGNETIC STORAGE OF INFORMATION IN THE HUMAN CEREBRAL CORTEX: A HYPOTHESIS FOR MEMORY. <i>International Journal of Neuroscience</i> , 2005, 115, 329-337.   | 0.8 | 13        |
| 31 | mRNA In Situ Hybridization (HistoSonda). <i>Diagnostic Molecular Pathology</i> , 2012, 21, 84-92.   | 2.1 | 11        |
| 32 | Are neuronal activity-associated magnetic fields the physical base for memory?. <i>Medical Hypotheses</i> , 2002, 59, 555-559.  | 0.8 | 10        |
| 33 | Ultrastructural Pathology of Anaplastic and Grade II Ependymomas reveals Distinctive Ciliary Structures "Electron Microscopy Redux. <i>Ultrastructural Pathology</i> , 2015, 39, 23-29.                             | 0.4 | 10        |
| 34 | N-Acetyl-Cysteine: Modulating the Cysteine Redox Proteome in Neurodegenerative Diseases. <i>Antioxidants</i> , 2022, 11, 416.   | 2.2 | 10        |
| 35 | Laparoscopic colectomy for primary colonic lymphoma. <i>Revista Espanola De Enfermedades Digestivas</i> , 2005, 97, 744-9.  | 0.1 | 9         |
| 36 | Potential Role of N-Acetyl-Cysteine in the Cysteine Proteome in Parkinson's Disease?. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1055-1055.   | 2.3 | 8         |

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|----|---|-----|-----------|
| 37 | Cysteine Network (CYSTEINET) Dysregulation in Parkinson's Disease: Role of N-acetylcysteine. Current Drug Metabolism, 2016, 17, 368-385.  | 0.7 | 7         |
| 38 | Glucose deprivation increases aspartic acid release from synaptosomes of aged mice. Brain Research, 1995, 673, 149-152.   | 1.1 | 6         |
| 39 | Architectural organisation of neuronal activity-associated magnetic fields: a hypothesis for memory. Medical Hypotheses, 2004, 63, 481-484.   | 0.8 | 6         |
| 40 | Proteomic Complexity in Parkinson's Disease: A Redox Signaling Perspective of the Pathophysiology and Progression. Neuroscience, 2021, 453, 287-300.                                    | 1.1 | 6         |
| 41 | Changes in plasma concentrations of vasoactive neuropeptides in patients with sepsis and septic shock. Life Sciences, 1994, 56, 75-81.  | 2.0 | 5         |
| 42 | N-acetyl-cysteine in Schizophrenia: Potential Role on the Sensitive Cysteine Proteome. Current Medicinal Chemistry, 2020, 27, 6424-6439.  | 1.2 | 5         |
| 43 | Cellular Cysteine Network (CYSTEINET): Pharm-acological Intervention in Brain Aging and Neurodegenerative Diseases. , 2016, , 105-172.  |     | 4         |
| 44 | Plasma molecular forms of gastrin, neurotensin and somatostatin in pregnancy and gestational diabetes after an oral glucose load or a mixed meal. Regulatory Peptides, 1993, 47, 73-80. | 1.9 | 3         |
| 45 | Cysteinet Dysregulation in Muscular Dystrophies: A Pathogenic Network Susceptible to Therapy. Current Medicinal Chemistry, 2017, 24, 312-330.   | 1.2 | 3         |
| 46 | Interfering with the Reactive Cysteine Proteome in COVID-19. Current Medicinal Chemistry, 2022, 29, 1657-1663.  | 1.2 | 2         |
| 47 | N-acetylcysteine in Psychiatric Disorders: Possible Role of Cysteinet Deregulation. International Neuropsychiatric Disease Journal, 2018, 12, 1-6.                                      | 0.1 | 2         |
| 48 | Spontaneous Neocortical Activity and Cognitive Functions: A Neuron-Astroglial Bio-Magnetic and Self-Organized Process. NeuroQuantology, 2010, 8, .                                      | 0.1 | 1         |
| 49 | N-Acetylcysteine: A Natural Antidote for Alzheimer's Disease. Alzheimers Disease & Dementia, 2016, 1, .   | 0.0 | 1         |
| 50 | «El hábito no hace al monje» pero ayuda a reconocerlo. Revista Espanola De Patologia, 2012, 45, 257-258.  | 0.6 | 0         |