

# Carme Costa

## List of Publications by Year in descending order

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28  
papers

1,001  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1972  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Multicentre comparison of a diagnostic assay: aquaporin-4 antibodies in neuromyelitis optica. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1005-1015.  | 1.9 | 228       |
| 2  | Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes. <i>Brain</i> , 2015, 138, 918-931.  | 7.6 | 147       |
| 3  | NLRP3 inflammasome as prognostic factor and therapeutic target in primary progressive multiple sclerosis patients. <i>Brain</i> , 2020, 143, 1414-1430.  | 7.6 | 92        |
| 4  | Mapping of aggrecan, hyaluronic acid, heparan sulphate proteoglycans and aquaporin 4 in the central nervous system of the mouse. <i>Journal of Chemical Neuroanatomy</i> , 2007, 33, 111-123.  | 2.1 | 64        |
| 5  | Hsp70 Regulates Immune Response in Experimental Autoimmune Encephalomyelitis. <i>PLoS ONE</i> , 2014, 9, e105737.  | 2.5 | 38        |
| 6  | Implication of the toll-like receptor 4 pathway in the response to interferon- $\beta$ in multiple sclerosis. <i>Annals of Neurology</i> , 2011, 70, 634-645.  | 5.3 | 35        |
| 7  | Treatment with MOG-DNA vaccines induces CD4+CD25+FoxP3+ regulatory T cells and up-regulates genes with neuroprotective functions in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2012, 9, 139.               | 7.2 | 35        |
| 8  | Differential expression of sema3A and sema7A in a murine model of multiple sclerosis: Implications for a therapeutic design. <i>Clinical Immunology</i> , 2016, 163, 22-33.  | 3.2 | 30        |
| 9  | Semaphorin 7A as a Potential Therapeutic Target for Multiple Sclerosis. <i>Molecular Neurobiology</i> , 2017, 54, 4820-4831.   | 4.0 | 28        |
| 10 | Immunohistochemical approach to the pathogenesis of bovine spongiform encephalopathy in its early stages. <i>Journal of Virological Methods</i> , 2006, 134, 15-29.  | 2.1 | 26        |
| 11 | Long-Term Restoration of Thymidine Phosphorylase Function and Nucleoside Homeostasis Using Hematopoietic Gene Therapy in a Murine Model of Mitochondrial Neurogastrointestinal Encephalomyopathy. <i>Human Gene Therapy</i> , 2016, 27, 656-667. | 2.7 | 26        |
| 12 | Exome sequencing study in patients with multiple sclerosis reveals variants associated with disease course. <i>Journal of Neuroinflammation</i> , 2018, 15, 265.   | 7.2 | 25        |
| 13 | Assessment of calcium-binding proteins (Parvalbumin and Calbindin D-28K) and perineuronal nets in normal and scrapie-affected adult sheep brains. <i>Journal of Virological Methods</i> , 2006, 136, 137-146.                                    | 2.1 | 22        |
| 14 | Inhibition of delta-like ligand 4 decreases Th1/Th17 response in a mouse model of multiple sclerosis. <i>Neuroscience Letters</i> , 2013, 541, 161-166.  | 2.1 | 22        |
| 15 | Myeloid-derived suppressor cells expressing a self-antigen ameliorate experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2016, 286, 50-60.   | 4.1 | 21        |
| 16 | Aquaporin 1 and aquaporin 4 overexpression in bovine spongiform encephalopathy in a transgenic murine model and in cattle field cases. <i>Brain Research</i> , 2007, 1175, 96-106.   | 2.2 | 19        |
| 17 | Expression of Bone Morphogenetic Proteins in Multiple Sclerosis Lesions. <i>American Journal of Pathology</i> , 2019, 189, 665-676.  | 3.8 | 19        |
| 18 | CSF SERPINA3 Levels Are Elevated in Patients With Progressive MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2021, 8, .   | 6.0 | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Adult onset leukodystrophy with neuroaxonal spheroids and demyelinating plaque-like lesions. <i>Neuropathology</i> , 2012, 32, 285-292.   | 1.2 | 18        |
| 20 | Selected Clostridia Strains from The Human Microbiota and their Metabolite, Butyrate, Improve Experimental Autoimmune Encephalomyelitis. <i>Neurotherapeutics</i> , 2021, 18, 920-937.                | 4.4 | 18        |
| 21 | Stress response in the central nervous system of a transgenic mouse model of bovine spongiform encephalopathy. <i>Veterinary Journal</i> , 2008, 178, 126-129.  | 1.7 | 14        |
| 22 | Clinical and Histopathological Amelioration of Experimental Autoimmune Encephalomyelitis by AAV Vectors Expressing a Soluble Interleukin-23 Receptor. <i>Neurotherapeutics</i> , 2017, 14, 1095-1106. | 4.4 | 14        |
| 23 | Central nervous system gene expression changes in a transgenic mouse model for bovine spongiform encephalopathy. <i>Veterinary Research</i> , 2011, 42, 109.  | 3.0 | 10        |
| 24 | Circulating EHZ2-positive T cells are decreased in multiple sclerosis patients. <i>Journal of Neuroinflammation</i> , 2018, 15, 296.  | 7.2 | 7         |
| 25 | Inhibition of the BMP Signaling Pathway Ameliorated Established Clinical Symptoms of Experimental Autoimmune Encephalomyelitis. <i>Neurotherapeutics</i> , 2020, 17, 1988-2003.                       | 4.4 | 7         |
| 26 | Breast regression protein-39 is not required for experimental autoimmune encephalomyelitis induction. <i>Clinical Immunology</i> , 2015, 160, 133-141.  | 3.2 | 6         |
| 27 | Angiogenin in the Neurogenic Subventricular Zone After Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 662235.  | 2.4 | 5         |
| 28 | Central nervous system extracellular matrix changes in a transgenic mouse model of bovine spongiform encephalopathy. <i>Veterinary Journal</i> , 2009, 182, 306-314.                                  | 1.7 | 4         |