

Dulce Papy-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,070
citations

361413

20
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

3234
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Effects of a synthetic glycosaminoglycan mimetic (OTR4132) in a rat immunotoxic lesion model of septohippocampal cholinergic degeneration. <i>Glycoconjugate Journal</i> , 2022, 39, 107-130.	2.7	0
2	Elastin-like recombinamers-based hydrogel modulates post-ischemic remodeling in a non-transmural myocardial infarction in sheep. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	56
3	Altered heparan sulfate metabolism during development triggers dopamine-dependent autistic-behaviours in models of lysosomal storage disorders. <i>Nature Communications</i> , 2021, 12, 3495.	12.8	20
4	Glycosaminoglycans from Alzheimer's disease hippocampus have altered capacities to bind and regulate growth factors activities and to bind tau. <i>PLoS ONE</i> , 2019, 14, e0209573.	2.5	42
5	A heparan sulfate-based matrix therapy reduces brain damage and enhances functional recovery following stroke. <i>Theranostics</i> , 2018, 8, 5814-5827.	10.0	14
6	The role of heparan sulfates in protein aggregation and their potential impact on neurodegeneration. <i>FEBS Letters</i> , 2018, 592, 3806-3818.	2.8	63
7	SLC10A7 mutations cause a skeletal dysplasia with amelogenesis imperfecta mediated by GAG biosynthesis defects. <i>Nature Communications</i> , 2018, 9, 3087.	12.8	39
8	RGTA [®] or ReGeneraTing Agents mimic heparan sulfate in regenerative medicine: from concept to curing patients. <i>Glycoconjugate Journal</i> , 2017, 34, 325-338.	2.7	55
9	Heparan sulfate proteoglycans as key regulators of the mesenchymal niche of hematopoietic stem cells. <i>Glycoconjugate Journal</i> , 2017, 34, 377-391.	2.7	39
10	Heparan sulfates and the decrease of N-glycans promote early adipogenic differentiation rather than myogenesis of murine myogenic progenitor cells. <i>Differentiation</i> , 2017, 93, 15-26.	1.9	2
11	HS3ST2 expression is critical for the abnormal phosphorylation of tau in Alzheimer's disease-related tau pathology. <i>Brain</i> , 2015, 138, 1339-1354.	7.6	75
12	New methods based on capillary electrophoresis for in vitro evaluation of protein tau phosphorylation by glycogen synthase kinase 3- β . <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2821-2828.	3.7	11
13	Heparan sulfate proteoglycans mediate internalization and propagation of specific proteopathic seeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3138-47.	7.1	683
14	Self-evolving oxidative stress with identifiable pre- and postmitochondrial phases in PC12 cells. <i>Journal of Neuroscience Research</i> , 2013, 91, 273-284.	2.9	3
15	Glycosaminoglycan Mimetic Associated to Human Mesenchymal Stem Cell-Based Scaffolds Inhibit Ectopic Bone Formation, but Induce Angiogenesis In Vivo. <i>Tissue Engineering - Part A</i> , 2013, 19, 1641-1653.	3.1	19
16	Age-related Changes in Rat Myocardium Involve Altered Capacities of Glycosaminoglycans to Potentiate Growth Factor Functions and Heparan Sulfate-altered Sulfation. <i>Journal of Biological Chemistry</i> , 2012, 287, 11363-11373.	3.4	46
17	Glycosaminoglycans from aged human hippocampus have altered capacities to regulate trophic factors activities but not A β 242 peptide toxicity. <i>Neurobiology of Aging</i> , 2012, 33, 1005.e11-1005.e22.	3.1	22
18	Molecular imprinting technology for specific recognition of heparan sulfate like disaccharides. <i>Talanta</i> , 2012, 99, 833-839.	5.5	12

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19	Variation in Chst8 gene expression level affects PrPC to PrPSc conversion efficiency in prion-infected Mov cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 587-591.	2.1	2
20	Glycosaminoglycans, Protein Aggregation and Neurodegeneration. <i>Current Protein and Peptide Science</i> , 2011, 12, 258-268.	1.4	36
21	Synthesis and biological activities of a library of glycosaminoglycans mimetic oligosaccharides. <i>Biomaterials</i> , 2011, 32, 769-776.	11.4	38
22	Glycosaminoglycan mimetics inhibit SDF-1/CXCL12-mediated migration and invasion of human hepatoma cells. <i>Glycobiology</i> , 2009, 19, 1511-1524.	2.5	34
23	Glycosaminoglycan mimetics induced mobilization of hematopoietic progenitors and stem cells into mouse peripheral blood: Structure/function insights. <i>Experimental Hematology</i> , 2009, 37, 1072-1083.	0.4	35
24	Structure-activity studies of heparan mimetic polyanions for anti-prion therapies. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 95-100.	2.1	18
25	Heparan Sulfate Is a Cellular Receptor for Purified Infectious Prions. <i>Journal of Biological Chemistry</i> , 2005, 280, 17062-17067.	3.4	150
26	Nondegradative Sulfation of Polysaccharides. Synthesis and Structure Characterization of Biologically Active Heparan Sulfate Mimetics. <i>Macromolecules</i> , 2005, 38, 4647-4654.	4.8	74
27	Improved and simple micro assay for sulfated glycosaminoglycans quantification in biological extracts and its use in skin and muscle tissue studies. <i>Glycobiology</i> , 2003, 13, 647-653.	2.5	293
28	A novel generation of heparan sulfate mimetics for the treatment of prion diseases. <i>Journal of General Virology</i> , 2003, 84, 2595-2603.	2.9	73
29	Pharmacological studies of RGT11, a heparan sulfate mimetic polymer, efficient on muscle regeneration. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 62, 525-531.	3.1	57
30	Human Plasmin Enzymatic Activity Is Inhibited by Chemically Modified Dextrans. <i>Journal of Biological Chemistry</i> , 2000, 275, 29383-29390.	3.4	58