Eduardo DomÃ-nguez Medina

List of Publications by Year
in descending order

35 papers	1,016 citations	566801 15 h-index	454577 30 g-index
38 all docs	38 docs citations	38 times ranked	1837 citing authors

#	Article	IF	Citations
1	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	5.8	230
2	Integrated phenotypic and activity-based profiling links Ces3 to obesity and diabetes. Nature Chemical Biology, 2014, 10, 113-121.	3.9	110
3	Role of the Inflammation-Autophagy-Senescence Integrative Network in Osteoarthritis. Frontiers in Physiology, 2018, 9, 706.	1.3	100
4	Fibrates as drugs with senolytic and autophagic activity for osteoarthritis therapy. EBioMedicine, 2019, 45, 588-605.	2.7	86
5	Synthesis and binding affinity of new pyrazole and isoxazole derivatives as potential atypical antipsychotics. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4873-4877.	1.0	67
6	Beyond Tumor Suppression: Senescence in Cancer Stemness and Tumor Dormancy. Cells, 2020, 9, 346.	1.8	63
7	Lack of Adipocyte-Fndc5/Irisin Expression and Secretion Reduces Thermogenesis and Enhances Adipogenesis. Scientific Reports, 2017, 7, 16289.	1.6	41
8	Extensive linkage disequilibrium mapping at HTR2A and DRD3 for schizophrenia susceptibility genes in the Galician population. Schizophrenia Research, 2007, 90, 123-129.	1.1	36
9	The Tumor Suppressor SASH1 Interacts With the Signal Adaptor CRKL to Inhibit Epithelialâ€“Mesenchymal Transition and Metastasis in Colorectal Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 33-53.	2.3	33
10	In silico directed chemical probing of the adenosine receptor family. Bioorganic and Medicinal Chemistry, 2010, 18, 3043-3052.	1.4	28
11	Synthesis, Binding Affinity, and Molecular Docking Analysis of New Benzofuranone Derivatives as Potential Antipsychotics. Journal of Medicinal Chemistry, 2008, 51, 6085-6094.	2.9	26
12	Emerging Opportunities and Concerns for Drug Discovery at Serotonin 5-5-HT2B Receptors. Current Topics in Medicinal Chemistry, 2010, 10, 493-503.	1.0	25
13	Synthesis, 3Dâ€QSAR, and Structural Modeling of Benzolactam Derivatives with Binding Affinity for the D₂ and D₃ Receptors. ChemMedChem, 2010, 5, 1300-1317.	1.6	23
14	Parallel regulation by olanzapine of the patterns of expression of 5-HT2A and D3 receptors in rat central nervous system and blood cells. Neuropharmacology, 2006, 51, 923-932.	2.0	22
15	A Comprehensive Tyrosine Phosphoproteomic Analysis Reveals Novel Components of the Platelet CLEC-2 Signaling Cascade. Thrombosis and Haemostasis, 2020, 120, 262-276.	1.8	22
16	A common haplotype of DRD3 affected by recent positive selection is associated with protection from schizophrenia. Human Genetics, 2009, 124, 607-613.	1.8	15
17	Application of Activity-Based Protein Profiling to Study Enzyme Function in Adipocytes. Methods in Enzymology, 2014, 538, 151-169.	0.4	15
18	The human VGF-derived bioactive peptide TLQP-21 binds heat shock 71 kDa protein 8 (HSPA8)on the surface of SH-SY5Y cells. PLoS ONE, 2017, 12, e0185176.	1.1	13

#	Article	IF	Citations
19	Synthesis and binding affinity of potential atypical antipsychotics with the tetrahydroquinazolinone motif. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6059-6062.	1.0	12
20	tagFinder: A Novel Tag Analysis Methodology That Enables Detection of Molecules from DNA-Encoded Chemical Libraries. SLAS Discovery, 2018, 23, 397-404.	1.4	10
21	A new chemical tool (C0036E08) supports the role of adenosine A2B receptors in mediating human mast cell activation. Biochemical Pharmacology, 2008, 76, 912-921.	2.0	9
22	Normalization of DNA encoded library affinity selection results driven by high throughput sequencing and HPLC purification. Bioorganic and Medicinal Chemistry, 2021, 40, 116178.	1.4	6
23	Katacine Is a New Ligand of CLEC-2 that Acts as a Platelet Agonist. Thrombosis and Haemostasis, 2022, 122, 1361-1368.	1.8	5
24	Discovery of novel immunopharmacological ligands targeting the IL-17 inflammatory pathway. International Immunopharmacology, 2020, 89, 107026.	1.7	4
25	The PI3KÎ´ Inhibitor Idelalisib Diminishes Platelet Function and Shows Antithrombotic Potential. International Journal of Molecular Sciences, 2021, 22, 3304.	1.8	4
26	Oligomeric Formulas in Surgery: A Delphi and Consensus Study. Nutrients, 2021, 13, 1922.	1.7	4
27	Identification of Novel Regulators of Zalcitabine-Induced Neuropathic Pain. ACS Chemical Neuroscience, 2021, 12, 2619-2628.	1.7	3
28	Identification of Sodium Transients Through NaV1.5 Channels as Regulators of Differentiation in Immortalized Dorsal Root Ganglia Neurons. Frontiers in Cellular Neuroscience, 2022, 16, 816325.	1.8	1
29	Identification of novel molecules targeting cartilage aging as osteoarthritis therapeutics. Osteoarthritis and Cartilage, 2016, 24, S18-S19.	0.6	0
30	FRI0005â€…Targeting cartilage aging as osteoarthritis therapeutics by drug repurposing. , 2017, , .		0
31	Targeting cartilage aging as osteoarthritis therapeutics by drug repurposing. Osteoarthritis and Cartilage, 2017, 25, S88.	0.6	0
32	SAT0053â€…Identification of novel drugs with senolytic activity as osteoarthritis therapeutics. , 2018, , .		0
33	Fenofibrate, a peroxisome proliferator-activated receptor alpha, is a novel molecule with senolytic and autophagy activity for cartilage degeneration and osteoarthritis. Osteoarthritis and Cartilage, 2019, 27, S93.	0.6	0
34	I ICWM: Microbiome in Human Health and Drug Discovery. Dr. Eduardo DomÃnguez. , 0, , .		0
35	Flux-Based Assay for the Identification of Autophagy Modulators for Osteoarthritis. Journal of Visualized Experiments, 2020, , .	0.2	0