

# Xesus M Abalo

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

902  
citations

430874

18  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-resolved spatial transcriptomics by deep data fusion. <i>Nature Biotechnology</i> , 2022, 40, 476-479.	17.5	61
2	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. <i>European Respiratory Journal</i> , 2022, 60, 2102057.	6.7	15
3	Macrophage-derived secretome is sufficient to confer olanzapine-mediated insulin resistance in human adipocytes. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 7, 100073.	1.7	4
4	Circadian regulation of phosphodiesterase 6 genes in zebrafish differs between cones and rods: Implications for photopic and scotopic vision. <i>Vision Research</i> , 2020, 166, 43-51.	1.4	13
5	Proof-of-concept for CRISPR/Cas9 gene editing in human preadipocytes: Deletion of FKBP5 and PPARC and effects on adipocyte differentiation and metabolism. <i>Scientific Reports</i> , 2020, 10, 10565.	3.3	29
6	FKBP5 expression in human adipose tissue: potential role in glucose and lipid metabolism, adipogenesis and type 2 diabetes. <i>Endocrine</i> , 2018, 62, 116-128.	2.3	63
7	Evolution and expression of the phosphodiesterase 6 genes unveils vertebrate novelty to control photosensitivity. <i>BMC Evolutionary Biology</i> , 2016, 16, 124.	3.2	46
8	Transducin Duplicates in the Zebrafish Retina and Pineal Complex: Differential Specialisation after the Teleost Tetraploidisation. <i>PLoS ONE</i> , 2015, 10, e0121330.	2.5	41
9	The vertebrate ancestral repertoire of visual opsins, transducin alpha subunits and oxytocin/vasopressin receptors was established by duplication of their shared genomic region in the two rounds of early vertebrate genome duplications. <i>BMC Evolutionary Biology</i> , 2013, 13, 238.	3.2	111
10	Expansion of transducin subunit gene families in early vertebrate tetraploidizations. <i>Genomics</i> , 2012, 100, 203-211.	2.9	28
11	Late proliferation and photoreceptor differentiation in the transforming lamprey retina. <i>Brain Research</i> , 2008, 1201, 60-67.	2.2	28
12	Neurochemical differentiation of horizontal and amacrine cells during transformation of the sea lamprey retina. <i>Journal of Chemical Neuroanatomy</i> , 2008, 35, 225-232.	2.1	21
13	The early scaffold of axon tracts in the brain of a primitive vertebrate, the sea lamprey. <i>Brain Research Bulletin</i> , 2008, 75, 42-52.	3.0	33
14	Development of the serotonergic system in the central nervous system of the sea lamprey. <i>Journal of Chemical Neuroanatomy</i> , 2007, 34, 29-46.	2.1	40
15	Calbindin and calretinin immunoreactivity in the retina of adult and larval sea lamprey. <i>Brain Research</i> , 2006, 1068, 118-130.	2.2	35
16	Cell proliferation in the forebrain and midbrain of the sea lamprey. <i>Journal of Comparative Neurology</i> , 2006, 494, 986-1006.	1.6	35
17	Presence of glutamate, glycine, and $\Gamma^3$ -aminobutyric acid in the retina of the larval sea lamprey: Comparative immunohistochemical study of classical neurotransmitters in larval and postmetamorphic retinas. <i>Journal of Comparative Neurology</i> , 2006, 499, 810-827.	1.6	67
18	Chemoarchitecture of the dorsal column nucleus of the larval sea lamprey. <i>Brain Research Bulletin</i> , 2005, 66, 536-540.	3.0	13

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19	The tegmental proliferation region in the sea lamprey. <i>Brain Research Bulletin</i> , 2005, 66, 431-435.	3.0	7
20	Development of the dopamine-immunoreactive system in the central nervous system of the sea lamprey. <i>Brain Research Bulletin</i> , 2005, 66, 560-564.	3.0	29
21	Choline acetyltransferase-immunoreactive neurons in the retina of adult and developing lampreys. <i>Brain Research</i> , 2003, 993, 154-163.	2.2	23
22	Proliferating cell nuclear antigen (PCNA) immunoreactivity and development of the pineal complex and habenula of the sea lamprey. <i>Brain Research Bulletin</i> , 2002, 57, 285-287.	3.0	19
23	Early development of the retina and pineal complex in the sea lamprey: Comparative immunocytochemical study. <i>Journal of Comparative Neurology</i> , 2002, 442, 250-265.	1.6	56
24	Ontogeny of $\beta$ -aminobutyric acid-immunoreactive neuronal populations in the forebrain and midbrain of the sea lamprey. <i>Journal of Comparative Neurology</i> , 2002, 446, 360-376.	1.6	81