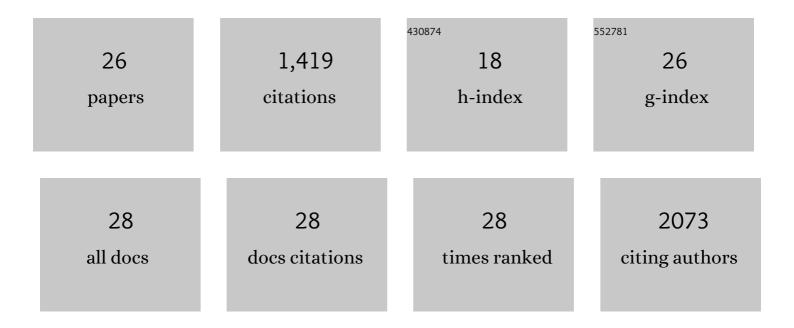
Flavio S J De Souza

List of Publications by Year in descending order

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FLAVIO S I DE SOUZA

#	Article	IF	CITATIONS
1	A Transgenic Marker for Newly Born Granule Cells in Dentate Gyrus. Journal of Neuroscience, 2004, 24, 3251-3259.	3.6	188
2	Exaptation of Transposable Elements into Novel Cis-Regulatory Elements: Is the Evidence Always Strong?. Molecular Biology and Evolution, 2013, 30, 1239-1251.	8.9	153
3	Ancient Exaptation of a CORE-SINE Retroposon into a Highly Conserved Mammalian Neuronal Enhancer of the Proopiomelanocortin Gene. PLoS Genetics, 2007, 3, e166.	3.5	114
4	Partially Redundant Enhancers Cooperatively Maintain Mammalian Pomc Expression Above a Critical Functional Threshold. PLoS Genetics, 2015, 11, e1004935.	3.5	95
5	Obesity-programmed mice are rescued by early genetic intervention. Journal of Clinical Investigation, 2012, 122, 4203-4212.	8.2	92
6	The zinc finger gene Xblimp1 controls anterior endomesodermal cell fate in Spemann's organizer. EMBO Journal, 1999, 18, 6062-6072.	7.8	86
7	Subfunctionalization of Expression and Peptide Domains Following the Ancient Duplication of the Proopiomelanocortin Gene in Teleost Fishes. Molecular Biology and Evolution, 2005, 22, 2417-2427.	8.9	84
8	Convergent evolution of two mammalian neuronal enhancers by sequential exaptation of unrelated retroposons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15270-15275.	7.1	82
9	Identification of Neuronal Enhancers of the Proopiomelanocortin Gene by Transgenic Mouse Analysis and Phylogenetic Footprinting. Molecular and Cellular Biology, 2005, 25, 3076-3086.	2.3	78
10	Evolution of transcriptional enhancers and animal diversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130017.	4.0	67
11	The estrogen receptor α colocalizes with proopiomelanocortin in hypothalamic neurons and binds to a conserved motif present in the neuron-specific enhancer nPE2. European Journal of Pharmacology, 2011, 660, 181-187.	3.5	64
12	Islet 1 specifies the identity of hypothalamic melanocortin neurons and is critical for normal food intake and adiposity in adulthood. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1861-70.	7.1	59
13	Anterior endoderm and head induction in early vertebrate embryos. Cell and Tissue Research, 2000, 300, 207-217.	2.9	42
14	Essential function of the transcription factor Rax in the early patterning of the mammalian hypothalamus. Developmental Biology, 2016, 416, 212-224.	2.0	36
15	Enhancer turnover and conserved regulatory function in vertebrate evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130027.	4.0	31
16	The Homeodomain Transcription Factor NKX2.1 Is Essential for the Early Specification of Melanocortin Neuron Identity and Activates <i>Pomc</i> Expression in the Developing Hypothalamus. Journal of Neuroscience, 2019, 39, 4023-4035.	3.6	29
17	Transcriptional Regulation of Pituitary POMC Is Conserved at the Vertebrate Extremes Despite Great Promoter Sequence Divergence. Molecular Endocrinology, 2007, 21, 2738-2749.	3.7	25
18	Sequencing of small RNAs of the fern Pleopeltis minima (Polypodiaceae) offers insight into the evolution of the microrna repertoire in land plants. PLoS ONE, 2017, 12, e0177573.	2.5	24

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19	A P-type ATPase from the aquatic fungus Blastocladiella emersonii similar to animal Na,K-ATPases. BBA - Proteins and Proteomics, 1998, 1383, 183-187.	2.1	17
20	Selective pressure against horizontally acquired prokaryotic genes as a driving force of plastid evolution. Scientific Reports, 2016, 6, 19036.	3.3	12
21	Evolution of the Rax family of developmental transcription factors in vertebrates. Mechanisms of Development, 2017, 144, 163-170.	1.7	11
22	Rathke's cleft-like cysts arise from Isl1 deletion in murine pituitary progenitors. Journal of Clinical Investigation, 2020, 130, 4501-4515.	8.2	9
23	Constitutive Expression of the α10 Nicotinic Acetylcholine Receptor Subunit Fails to Maintain Cholinergic Responses in Inner Hair Cells After the Onset of Hearing. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 397-406.	1.8	8
24	Conserved roles of <i>Rax/rx3</i> genes in hypothalamus and pituitary development. International Journal of Developmental Biology, 2021, 65, 195-205.	0.6	6
25	Positive selection of co-opted mobile genetic elements in a mammalian gene. Mobile Genetic Elements, 2012, 2, 106-109.	1.8	4
26	cDNA cloning, biochemical and phylogenetic characterization of ?- and ??-subunits ofCandida albicans protein kinase CK2. Yeast, 2003, 20, 471-478.	1.7	3