Robert M Levenson

List of Publications by Year in Descending Order

46 papers	2,249 citations	25 h-index	47 g-index
47 ext. papers	2,386 ext. citations	4.8 avg, IF	4.25 L-index

#	Paper	IF	Citations
46	Alternative splicing of the Wnt trafficking protein, Wntless and its effects on protein-protein interactions. *BMC Molecular and Cell Biology*, **2019**, 20, 22	2.7	3
45	Identifying novel members of the Wntless interactome through genetic and candidate gene approaches. *Brain Research Bulletin*, **2018**, 138, 96-105	3.9	8
44	Early avoidance of a heroin-paired taste-cue and subsequent addiction-like behavior in rats. *Brain Research Bulletin*, **2016**, 123, 61-70	3.9	5
43	Effect of C-Terminal S-Palmitoylation on D2 Dopamine Receptor Trafficking and Stability. *PLoS ONE* , **2015**, 10, e0140661	3.7	27
42	Low expression of D2R and Wntless correlates with high motivation for heroin. *Behavioral Neuroscience*, **2015**, 129, 744-55	2.1	14
41	Morphine-induced trafficking of a mu-opioid receptor interacting protein in rat locus coeruleus neurons. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2014**, 50, 53-65	5.5	13
40	Bioorthogonal click chemistry to assay mu-opioid receptor palmitoylation using 15-hexadecynoic acid and immunoprecipitation. *Analytical Biochemistry*, **2014**, 451, 25-7	3.1	6
39	MOR is not enough: identification of novel mu-opioid receptor interacting proteins using traditional and modified membrane yeast two-hybrid screens. *PLoS ONE*, **2013**, 8, e67608	3.7	21
38	Dopamine receptor interacting proteins: targeting neuronal calcium sensor-1/D2 dopamine receptor interaction for antipsychotic drug development. *Current Drug Targets*, **2012**, 13, 72-9	3	22
37	Interaction of the mu-opioid receptor with GPR177 (Wntless) inhibits Wnt secretion: potential implications for opioid dependence. *BMC Neuroscience*, **2010**, 11, 33	3.2	52
36	Ultrastructural relationship between the mu opioid receptor and its interacting protein, GPR177, in striatal neurons. *Brain Research*, **2010**, 1358, 71-80	3.7	14
35	Expression of GPR177 (Wntless/Evi/Sprinter), a highly conserved Wnt-transport protein, in rat tissues, zebrafish embryos, and cultured human cells. *Developmental Dynamics*, **2010**, 239, 2426-34	2.9	31
34	Optimized expression and purification of myristoylated human neuronal calcium sensor 1 in E. coli. *Protein Expression and Purification*, **2008**, 61, 103-12	2	9
33	Interaction with dopamine D2 receptor enhances expression of transient receptor potential channel 1 at the cell surface. *Biochimica Et Biophysica Acta - Biomembranes*, **2008**, 1778, 974-82	3.8	24
32	A proteomic approach to receptor signaling: molecular mechanisms and therapeutic implications derived from discovery of the dopamine D2 receptor signalplex. *European Journal of Pharmacology*, **2007**, 572, 83-93	5.3	43
31	Separate Na,K-ATPase genes are required for otolith formation and semicircular canal development in zebrafish. *Developmental Biology*, **2006**, 294, 148-60	3.1	36
30	Regulation of dense core vesicle release from PC12 cells by interaction between the D2 dopamine receptor and calcium-dependent activator protein for secretion (CAPS). *Biochemical Pharmacology*, **2005**, 69, 1451-61	6	42

29	Up-regulation of neuronal calcium sensor-1 (NCS-1) in the prefrontal cortex of schizophrenic and bipolar patients. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 313-7	11.5	179
28	Functional genomic dissection of multimeric protein families in zebrafish. *Developmental Dynamics*, **2003**, 228, 555-67	2.9	18
27	Differential expression of Na,K-ATPase alpha and beta subunit genes in the developing zebrafish inner ear. *Developmental Dynamics*, **2003**, 228, 386-92	2.9	14
26	Dopamine receptor-interacting proteins: the Ca(2+) connection in dopamine signaling. *Trends in Pharmacological Sciences*, **2003**, 24, 486-92	13.2	141
25	Interaction with neuronal calcium sensor NCS-1 mediates desensitization of the D2 dopamine receptor. *Journal of Neuroscience*, **2002**, 22, 8476-86	6.6	175
24	Cloning, mapping, and developmental expression of a sixth zebrafish Na,K-ATPase alpha1 subunit gene (atp1a1a.5). *Gene Expression Patterns*, **2002**, 2, 243-6	1.5	11
23	Two Na,K-ATPase beta 2 subunit isoforms are differentially expressed within the central nervous system and sensory organs during zebrafish embryogenesis. *Developmental Dynamics*, **2002**, 223, 254-61	2.9	11
22	D2 and D3 dopamine receptor cell surface localization mediated by interaction with protein 4.1N. *Molecular Pharmacology*, **2002**, 62, 507-13	4.3	114
21	Na,K-ATPase alpha and beta subunit genes exhibit unique expression patterns during zebrafish embryogenesis. *Mechanisms of Development*, **2002**, 116, 51-9	1.7	36
20	Cloning, mapping, and developmental expression of a sixth zebrafish Na,K-ATPase alpha1 subunit gene (atp1a1a.5). *Mechanisms of Development*, **2002**, 119 Suppl 1, S211-4	1.7	8
19	The repertoire of Na,K-ATPase alpha and beta subunit genes expressed in the zebrafish, Danio rerio. *Genome Research*, **2001**, 11, 1211-20	9.7	68
18	D2/D3 dopamine receptor heterodimers exhibit unique functional properties. *Journal of Biological Chemistry*, **2001**, 276, 30308-14	5.4	169
17	Dual signaling regulated by calcyon, a D1 dopamine receptor interacting protein. *Science*, **2000**, 287, 1660-4	33.3	161
16	The Na,K-ATPase alpha4 gene (Atp1a4) encodes a ouabain-resistant alpha subunit and is tightly linked to the alpha2 gene (Atp1a2) on mouse chromosome 1. *Biochemistry*, **1999**, 38, 14746-51	3.2	31
15	Structural organization and chromosomal localization of the human Na,K-ATPase beta 3 subunit gene and pseudogene. *Mammalian Genome*, **1998**, 9, 136-43	3.2	28
14	Domain swapping between Na,K- and H,K-ATPase identifies regions that specify Na,K-ATPase activity. *Biochemistry*, **1998**, 37, 7509-16	3.2	9
13	1,25-Dihydroxyvitamin D3 selectively induces increased expression of the Na,K-ATPase beta 1 subunit in avian myelomonocytic cells without a concomitant change in Na,K-ATPase activity. *Journal of Cellular Physiology*, **1997**, 172, 221-9	7	3
12	Identification of the mammalian Na,K-ATPase 3 subunit. *Journal of Biological Chemistry*, **1996**, 271, 22754-8	5.4	113

11	Isoforms of the Na,K-ATPase: family members in search of function. *Reviews of Physiology, Biochemistry and Pharmacology*, **1994**, 123, 1-45	2.9	71
10	Neurons and astroglia express distinct subsets of Na,K-ATPase alpha and beta subunits. *Molecular Brain Research*, **1994**, 21, 333-43		99
9	Genes encoding the H,K-ATPase alpha and Na,K-ATPase alpha 3 subunits are linked on mouse chromosome 7 and human chromosome 19. *Mammalian Genome*, **1993**, 4, 644-9	3.2	6
8	Three brain sodium channel alpha-subunit genes are clustered on the proximal segment of mouse chromosome 2. *Genomics*, **1991**, 10, 666-72	4.3	35
7	Evolution of the Na,K- and H,K-ATPase beta subunit gene family: structure of the murine Na,K-ATPase beta 2 subunit gene. *Genomics*, **1991**, 11, 435-42	4.3	24
6	Expression of Na,K-ATPase alpha and beta subunit genes during preimplantation development of the mouse. *Genesis*, **1990**, 11, 41-8		56
5	Assignment of Na,K-ATPase beta 2-subunit gene (Atpb-2) to mouse chromosome 11. *Genomics*, **1990**, 6, 697-9	4.3	27
4	Antisera specific for the alpha 1, alpha 2, alpha 3, and beta subunits of the Na,K-ATPase: differential expression of alpha and beta subunits in rat tissue membranes. *Biochemistry*, **1989**, 28, 4531-5	3.2	198
3	Chapter 10 Molecular Cloning and Characterization of a Mouse Ouabain Resistance Gene: A Genetic Approach to the Analysis of the Na+,K+-ATPase. *Current Topics in Membranes and Transport*, **1985**, 177-198		
2	DNA synthesis is not required for the commitment of murine erythroleukemia cells. *Developmental Biology*, **1980**, 74, 224-30	3.1	28
1	Significance of the cell cycle in commitment of murine erythroleukemia cells to erythroid differentiation. *Journal of Cellular Physiology*, **1978**, 95, 213-22	7	46