

# Robert M Levenson

## List of Publications by Citations

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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	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. <i>Biochemistry</i> , <b>1989</b> , 28, 4531-5	3.2	198
45	Up-regulation of neuronal calcium sensor-1 (NCS-1) in the prefrontal cortex of schizophrenic and bipolar patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 313-7	11.5	179
44	Interaction with neuronal calcium sensor NCS-1 mediates desensitization of the D2 dopamine receptor. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 8476-86	6.6	175
43	D2/D3 dopamine receptor heterodimers exhibit unique functional properties. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 30308-14	5.4	169
42	Dual signaling regulated by calycon, a D1 dopamine receptor interacting protein. <i>Science</i> , <b>2000</b> , 287, 1660-4	33.3	161
41	Dopamine receptor-interacting proteins: the Ca(2+) connection in dopamine signaling. <i>Trends in Pharmacological Sciences</i> , <b>2003</b> , 24, 486-92	13.2	141
40	D2 and D3 dopamine receptor cell surface localization mediated by interaction with protein 4.1N. <i>Molecular Pharmacology</i> , <b>2002</b> , 62, 507-13	4.3	114
39	Identification of the mammalian Na,K-ATPase 3 subunit. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 22754-8	4.8	113
38	Neurons and astroglia express distinct subsets of Na,K-ATPase alpha and beta subunits. <i>Molecular Brain Research</i> , <b>1994</b> , 21, 333-43		99
37	Isoforms of the Na,K-ATPase: family members in search of function. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , <b>1994</b> , 123, 1-45	2.9	71
36	The repertoire of Na,K-ATPase alpha and beta subunit genes expressed in the zebrafish, <i>Danio rerio</i> . <i>Genome Research</i> , <b>2001</b> , 11, 1211-20	9.7	68
35	Expression of Na,K-ATPase alpha and beta subunit genes during preimplantation development of the mouse. <i>Genesis</i> , <b>1990</b> , 11, 41-8		56
34	Interaction of the mu-opioid receptor with GPR177 (Wntless) inhibits Wnt secretion: potential implications for opioid dependence. <i>BMC Neuroscience</i> , <b>2010</b> , 11, 33	3.2	52
33	Significance of the cell cycle in commitment of murine erythroleukemia cells to erythroid differentiation. <i>Journal of Cellular Physiology</i> , <b>1978</b> , 95, 213-22	7	46
32	A proteomic approach to receptor signaling: molecular mechanisms and therapeutic implications derived from discovery of the dopamine D2 receptor signalplex. <i>European Journal of Pharmacology</i> , <b>2007</b> , 572, 83-93	5.3	43
31	Regulation of dense core vesicle release from PC12 cells by interaction between the D2 dopamine receptor and calcium-dependent activator protein for secretion (CAPS). <i>Biochemical Pharmacology</i> , <b>2005</b> , 69, 1451-61	6	42
30	Separate Na,K-ATPase genes are required for otolith formation and semicircular canal development in zebrafish. <i>Developmental Biology</i> , <b>2006</b> , 294, 148-60	3.1	36

29	Na,K-ATPase alpha and beta subunit genes exhibit unique expression patterns during zebrafish embryogenesis. <i>Mechanisms of Development</i> , <b>2002</b> , 116, 51-9	1.7	36
28	Three brain sodium channel alpha-subunit genes are clustered on the proximal segment of mouse chromosome 2. <i>Genomics</i> , <b>1991</b> , 10, 666-72	4.3	35
27	Expression of GPR177 (Wntless/Evi/Sprinter), a highly conserved Wnt-transport protein, in rat tissues, zebrafish embryos, and cultured human cells. <i>Developmental Dynamics</i> , <b>2010</b> , 239, 2426-34	2.9	31
26	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. <i>Biochemistry</i> , <b>1999</b> , 38, 14746-51	3.2	31
25	Structural organization and chromosomal localization of the human Na,K-ATPase beta 3 subunit gene and pseudogene. <i>Mammalian Genome</i> , <b>1998</b> , 9, 136-43	3.2	28
24	DNA synthesis is not required for the commitment of murine erythroleukemia cells. <i>Developmental Biology</i> , <b>1980</b> , 74, 224-30	3.1	28
23	Effect of C-Terminal S-Palmitoylation on D2 Dopamine Receptor Trafficking and Stability. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140661	3.7	27
22	Assignment of Na,K-ATPase beta 2-subunit gene (Atpb-2) to mouse chromosome 11. <i>Genomics</i> , <b>1990</b> , 6, 697-9	4.3	27
21	Interaction with dopamine D2 receptor enhances expression of transient receptor potential channel 1 at the cell surface. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2008</b> , 1778, 974-82	3.8	24
20	Evolution of the Na,K- and H,K-ATPase beta subunit gene family: structure of the murine Na,K-ATPase beta 2 subunit gene. <i>Genomics</i> , <b>1991</b> , 11, 435-42	4.3	24
19	Dopamine receptor interacting proteins: targeting neuronal calcium sensor-1/D2 dopamine receptor interaction for antipsychotic drug development. <i>Current Drug Targets</i> , <b>2012</b> , 13, 72-9	3	22
18	MOR is not enough: identification of novel mu-opioid receptor interacting proteins using traditional and modified membrane yeast two-hybrid screens. <i>PLoS ONE</i> , <b>2013</b> , 8, e67608	3.7	21
17	Functional genomic dissection of multimeric protein families in zebrafish. <i>Developmental Dynamics</i> , <b>2003</b> , 228, 555-67	2.9	18
16	Ultrastructural relationship between the mu opioid receptor and its interacting protein, GPR177, in striatal neurons. <i>Brain Research</i> , <b>2010</b> , 1358, 71-80	3.7	14
15	Differential expression of Na,K-ATPase alpha and beta subunit genes in the developing zebrafish inner ear. <i>Developmental Dynamics</i> , <b>2003</b> , 228, 386-92	2.9	14
14	Low expression of D2R and Wntless correlates with high motivation for heroin. <i>Behavioral Neuroscience</i> , <b>2015</b> , 129, 744-55	2.1	14
13	Morphine-induced trafficking of a mu-opioid receptor interacting protein in rat locus coeruleus neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2014</b> , 50, 53-65	5.5	13
12	Cloning, mapping, and developmental expression of a sixth zebrafish Na,K-ATPase alpha1 subunit gene (atp1a1a.5). <i>Gene Expression Patterns</i> , <b>2002</b> , 2, 243-6	1.5	11

11	Two Na,K-ATPase beta 2 subunit isoforms are differentially expressed within the central nervous system and sensory organs during zebrafish embryogenesis. <i>Developmental Dynamics</i> , <b>2002</b> , 223, 254-61 <sup>2.9</sup>	11
10	Optimized expression and purification of myristoylated human neuronal calcium sensor 1 in <i>E. coli</i> . <i>Protein Expression and Purification</i> , <b>2008</b> , 61, 103-12	9
9	Domain swapping between Na,K- and H,K-ATPase identifies regions that specify Na,K-ATPase activity. <i>Biochemistry</i> , <b>1998</b> , 37, 7509-16	9
8	Identifying novel members of the Wntless interactome through genetic and candidate gene approaches. <i>Brain Research Bulletin</i> , <b>2018</b> , 138, 96-105	8
7	Cloning, mapping, and developmental expression of a sixth zebrafish Na,K-ATPase alpha1 subunit gene ( <i>atp1a1a.5</i> ). <i>Mechanisms of Development</i> , <b>2002</b> , 119 Suppl 1, S211-4	8
6	Bioorthogonal click chemistry to assay mu-opioid receptor palmitoylation using 15-hexadecynoic acid and immunoprecipitation. <i>Analytical Biochemistry</i> , <b>2014</b> , 451, 25-7	6
5	Genes encoding the H,K-ATPase alpha and Na,K-ATPase alpha 3 subunits are linked on mouse chromosome 7 and human chromosome 19. <i>Mammalian Genome</i> , <b>1993</b> , 4, 644-9	6
4	Early avoidance of a heroin-paired taste-cue and subsequent addiction-like behavior in rats. <i>Brain Research Bulletin</i> , <b>2016</b> , 123, 61-70	5
3	Alternative splicing of the Wnt trafficking protein, Wntless and its effects on protein-protein interactions. <i>BMC Molecular and Cell Biology</i> , <b>2019</b> , 20, 22	3
2	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. <i>Journal of Cellular Physiology</i> , <b>1997</b> , 172, 221-9	3
1	Chapter 10 Molecular Cloning and Characterization of a Mouse Ouabain Resistance Gene: A Genetic Approach to the Analysis of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase. <i>Current Topics in Membranes and Transport</i> , <b>1985</b> , 177-198	