Finn Olav Levy

List of Publications by Year
in descending order

59	1,879	331670 21	302126 39
papers	citations	h-index	g-index

60	60	60	2213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CNP regulates cardiac contractility and increases cGMP near both SERCA and TnI: difference from BNP visualized by targeted cGMP biosensors. Cardiovascular Research, 2022, 118, 1506-1519.	3.8	13
2	Phosphodiesterases and Compartmentation of cAMP and cGMP Signaling in Regulation of Cardiac Contractility in Normal and Failing Hearts. International Journal of Molecular Sciences, 2022, 23, 2145.	4.1	17
3	International Union of Basic and Clinical Pharmacology. CX. Classification of Receptors for 5-hydroxytryptamine; Pharmacology and Function. Pharmacological Reviews, 2021, 73, 310-520.	16.0	127
4	An inactive receptor-G protein complex maintains the dynamic range of agonist-induced signaling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30755-30762.	7.1	12
5	Exercise Training Stabilizes RyR2-Dependent Ca2+ Release in Post-infarction Heart Failure. Frontiers in Cardiovascular Medicine, 2020, 7, 623922.	2.4	3
6	Constitutive inhibitory G protein activity upon adenylyl cyclase-dependent cardiac contractility is limited to adenylyl cyclase type 6. PLoS ONE, 2019, 14, e0218110.	2.5	2
7	FRET-based cyclic GMP biosensors measure low cGMP concentrations in cardiomyocytes and neurons. Communications Biology, 2019, 2, 394.	4.4	31
8	Reduced ambient temperature exacerbates SIRS-induced cardiac autonomic dysregulation and myocardial dysfunction in mice. Basic Research in Cardiology, 2019, 114, 26.	5.9	17
9	Knockout of adenylyl cyclase isoform 5 or 6 differentially modifies the Î²1-adrenoceptor-mediated inotropic response. Journal of Molecular and Cellular Cardiology, 2019, 131, 132-145.	1.9	7
10	Preassociation between the 5â€HT ₇ serotonin receptor and G protein G _s : molecular determinants and association with low potency activation of adenylyl cyclase. FASEB Journal, 2019, 33, 3870-3886.	0.5	8
11	Related GPCRs couple differently to G _s : preassociation between G protein and 5â€HT ₇ serotonin receptor reveals movement of Gî± _s upon receptor activation. FASEB Journal, 2018, 32, 1059-1069.	0.5	27
12	Hypothermia elongates the contraction-relaxation cycle in explanted human failing heart decreasing the time for ventricular filling during diastole. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1137-H1147.	3.2	6
13	PDE3 inhibition by C-type natriuretic peptide-induced cGMP enhances cAMP-mediated signaling in both non-failing and failing hearts. European Journal of Pharmacology, 2017, 812, 174-183.	3.5	28
14	Compartmentation of Natriuretic Peptide Signalling in Cardiac Myocytes: Effects on Cardiac Contractility and Hypertrophy. Cardiac and Vascular Biology, 2017, , 245-271.	0.2	2
15	Synthesis, Enzyme Assays and Molecular Docking Studies of Fluorina ted Bioisosteres of Santacruzamate A as Potential HDAC Tracers. Letters in Drug Design and Discovery, 2017, 14, .	0.7	2
16	CaMKII and at least two unidentified kinases phosphorylate regulatory light chain in non-contracting cardiomyocytes. Biochemical and Biophysical Research Communications, 2016, 477, 14-19.	2.1	0
17	CaMKII in addition to MLCK contributes to phosphorylation of regulatory light chain in cardiomyocytes. Biochemical and Biophysical Research Communications, 2016, 471, 219-225.	2.1	9
18	Functional pharmacological characterization of SER100 in cardiovascular health and disease. British Journal of Pharmacology, 2016, 173, 3386-3401.	5.4	7

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19	Low Î²2-adrenergic receptor level may promote development of castration resistant prostate cancer and altered steroid metabolism. Oncotarget, 2016, 7, 1878-1894.	1.8	9
20	Identification of essential residues for binding and activation in the human 5-HT7(a) serotonin receptor by molecular modeling and site-directed mutagenesis. Frontiers in Behavioral Neuroscience, 2015, 9, 92.	2.0	13
21	The Inotropic Effect of the Active Metabolite of Levosimendan, OR-1896, Is Mediated through Inhibition of PDE3 in Rat Ventricular Myocardium. PLoS ONE, 2015, 10, e0115547.	2.5	27
22	Radiosynthesis of high affinity fluorine-18 labeled GnRH peptide analogues: in vitro studies and in vivo assessment of brain uptake in rats. MedChemComm, 2015, 6, 708-714.	3.4	2
23	Downregulation of 5-HT₇ Serotonin Receptors by the Atypical Antipsychotics Clozapine and Olanzapine. Role of Motifs in the C-Terminal Domain and Interaction with GASP-1. ACS Chemical Neuroscience, 2015, 6, 1206-1218.	3.5	10
24	In memory of Guro Valen (1960â€“2014). Journal of Molecular and Cellular Cardiology, 2015, 79, 254-255.	1.9	0
25	Non-classical regulation of Î²1- and Î²2-adrenoceptor-mediated inotropic responses in rat heart ventricle by the G protein Gi. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 1177-1186.	3.0	11
26	Different Compartmentation of Responses to Brain Natriuretic Peptide and C-Type Natriuretic Peptide in Failing Rat Ventricle. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 681-690.	2.5	33
27	Disheveled regulates precoupling of heterotrimeric G proteins to Frizzled 6. FASEB Journal, 2014, 28, 2293-2305.	0.5	58
28	Differential regulation of C-type natriuretic peptide-induced cGMP and functional responses by PDE2 and PDE3 in failing myocardium. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 407-417.	3.0	20
29	Identification of small molecule NPR-B antagonists by high throughput screening â€" potential use in heart failure. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 5-14.	3.0	5
30	Synthesis and in vitro evaluation of small-molecule [18F] labeled gonadotropin-releasing hormone (GnRH) receptor antagonists as potential PET imaging agents for GnRH receptor expression. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1846-1850.	2.2	9
31	Discovery and pharmacological profile of new hydrophilic 5-HT 4 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4598-4602.	2.2	1
32	Gi Proteins Regulate Adenylyl Cyclase Activity Independent of Receptor Activation. PLoS ONE, 2014, 9, e106608.	2.5	13
33	Cardiac PDEs and crosstalk between cAMP and cGMP signalling pathways in the regulation of contractility. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 665-670.	3.0	20
34	<scp>PDE3</scp>, but not <scp>PDE4</scp>, reduces Î²₁â€•and Î²₂â€adrenoceptorâ€mediated inotropic and lusitropic effects in failing ventricle from metoprololâ€treated patients. British Journal of Pharmacology, 2013, 169, 528-538.	5.4	50
35	The Cardiac Ventricular 5-HT4 Receptor Is Functional in Late Foetal Development and Is Reactivated in Heart Failure. PLoS ONE, 2012, 7, e45489.	2.5	16
36	Prostaglandin E1 facilitates inotropic effects of 5-HT4 serotonin receptors and Î²-adrenoceptors in failing human heart. Basic Research in Cardiology, 2012, 107, 295.	5.9	3

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37	Prostanoid-mediated inotropic responses are attenuated in failing human and rat ventricular myocardium. European Journal of Pharmacology, 2012, 686, 66-73.	3.5	10
38	Differential regulation of Î²₂â€adrenoceptorâ€mediated inotropic and lusitropic response by PDE3 and PDE4 in failing and nonâ€failing rat cardiac ventricle. British Journal of Pharmacology, 2011, 162, 54-71.	5.4	19
39	Agents increasing cyclic GMP amplify 5-HT4-elicited positive inotropic response in failing rat cardiac ventricle. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 543-553.	3.0	23
40	Synthesis and pharmacological properties of novel hydrophilic 5-HT4 receptor antagonists. Bioorganic and Medicinal Chemistry, 2010, 18, 8600-8613.	3.0	18
41	Natriuretic peptides increase Î²1-adrenoceptor signalling in failing hearts through phosphodiesterase 3 inhibition. Cardiovascular Research, 2010, 85, 763-772.	3.8	59
42	Effects of serotonin in failing cardiac ventricle: Signalling mechanisms and potential therapeutic implications. Neuropharmacology, 2008, 55, 1066-1071.	4.1	23
43	Prostanoid F receptors elicit an inotropic effect in rat left ventricle by enhancing myosin light chain phosphorylation. Cardiovascular Research, 2008, 80, 407-415.	3.8	12
44	Epac- and Rap-independent ERK1/2 phosphorylation induced by Gs-coupled receptor stimulation in HEK293 cells. FEBS Letters, 2007, 581, 15-20.	2.8	7
45	Expression of mRNA encoding G protein-coupled receptors involved in congestive heart failure. Basic Research in Cardiology, 2007, 102, 198-208.	5.9	34
46	5-Hydroxytryptamine receptors in the human cardiovascular system. , 2006, 111, 674-706.		249
47	Activation of Adenylyl Cyclase by Endogenous Gs-Coupled Receptors in Human Embryonic Kidney 293 Cells Is Attenuated by 5-HT7 Receptor Expression. Molecular Pharmacology, 2006, 69, 207-215.	2.3	37
48	Appearance of a ventricular 5-HT receptor-mediated inotropic response to serotonin in heart failure. Cardiovascular Research, 2005, 65, 869-878.	3.8	73
49	Î±1-AR-mediated activation of NKCC in rat cardiomyocytes involves ERK-dependent phosphorylation of the cotransporter. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1354-H1360.	3.2	20
50	Functional serotonin 5-HT4 receptors in porcine and human ventricular myocardium with increased 5-HT4 mRNA in heart failure. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 370, 157-66.	3.0	60
51	Unaltered Agonist Potency upon Inducible 5-HT 7(a) but not 5-HT 4(b) Receptor Expression Indicates Agonist-Independent Association of 5-HT 7(a) Receptor and G s. Receptors and Channels, 2003, 9, 107-116.	1.1	26
52	Unaltered Agonist Potency upon Inducible 5-HT 7(a) but not 5-HT 4(b) Receptor Expression Indicates Agonist-Independent Association of 5-HT 7(a) Receptor and G s. Receptors and Channels, 2003, 9, 107-116.	1.1	10
53	Unaltered agonist potency upon inducible 5-HT7(a) but not 5-HT4(b) receptor expression indicates agonist-independent association of 5-HT7(a) receptor and Gs. Receptors and Channels, 2003, 9, 107-16.	1.1	13
54	5-HT 4(a) and 5-HT 4(b) receptors have nearly identical pharmacology and are both expressed in human atrium and ventricle. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 146-160.	3.0	104

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55	Activation of the Cooh-Terminal Src Kinase (Csk) by Camp-Dependent Protein Kinase Inhibits Signaling through the T Cell Receptor. Journal of Experimental Medicine, 2001, 193, 497-508.	8.5	299
56	Ephrin-B2 is a candidate ligand for the Eph receptor, EphB6. FEBS Letters, 2000, 466, 169-174.	2.8	39
57	Activation of the CAMP signaling pathway increases apoptosis in human B-precursor cells and is associated with downregulation of Mcl-1 expression. Journal of Cellular Physiology, 1999, 180, 71-80.	4.1	68
58	CDw78 â€" a determinant on a major histocompatibility complex class II subpopulation that can be induced to associate with the cytoskeleton. European Journal of Immunology, 1997, 27, 3206-3213.	2.9	12
59	Cyclic AMP-dependent protein kinase (cAK) in human B cells: co-localization of type I cAK (RIÎ±2C2) with the antigen receptor during anti-immunoglobulin-induced B cell activation. European Journal of Immunology, 1996, 26, 1290-1296.	2.9	44