

Alan S Lewis

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,439
citations

361045

20
h-index

395343

33
g-index

37
all docs

37
docs citations

37
times ranked

1844
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | HCN channelopathy in external globus pallidus neurons in models of Parkinson's disease. <i>Nature Neuroscience</i> , 2011, 14, 85-92. | 7.1 | 160 |
| 2 | Alternatively Spliced Isoforms of TRIP8b Differentially Control h Channel Trafficking and Function. <i>Journal of Neuroscience</i> , 2009, 29, 6250-6265. | 1.7 | 146 |
| 3 | Mood and anxiety regulation by nicotinic acetylcholine receptors: A potential pathway to modulate aggression and related behavioral states. <i>Neuropharmacology</i> , 2015, 96, 235-243. | 2.0 | 122 |
| 4 | Deletion of the Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel Auxiliary Subunit TRIP8b Impairs Hippocampal <i>h</i> Localization and Function and Promotes Antidepressant Behavior in Mice. <i>Journal of Neuroscience</i> , 2011, 31, 7424-7440. | 1.7 | 115 |
| 5 | HCN channels in behavior and neurological disease: Too hyper or not active enough?. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 357-367. | 1.0 | 75 |
| 6 | Absence epilepsy in apathetic, a spontaneous mutant mouse lacking the h channel subunit, HCN2. <i>Neurobiology of Disease</i> , 2009, 33, 499-508. | 2.1 | 67 |
| 7 | Alpha-7 nicotinic agonists for cognitive deficits in neuropsychiatric disorders: A translational meta-analysis of rodent and human studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 75, 45-53. | 2.5 | 67 |
| 8 | An Essential Role for Modulation of Hyperpolarization-Activated Current in the Development of Binaural Temporal Precision. <i>Journal of Neuroscience</i> , 2012, 32, 2814-2823. | 1.7 | 65 |
| 9 | Trafficking and Gating of Hyperpolarization-activated Cyclic Nucleotide-gated Channels Are Regulated by Interaction with Tetratricopeptide Repeat-containing Rab8b-interacting Protein (TRIP8b) and Cyclic AMP at Distinct Sites. <i>Journal of Biological Chemistry</i> , 2011, 286, 20823-20834. | 1.6 | 55 |
| 10 | Structure and stoichiometry of an accessory subunit TRIP8b interaction with hyperpolarization-activated cyclic nucleotide-gated channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7899-7904. | 3.3 | 51 |
| 11 | Hippocampal volume and hippocampal neuron density, number and size in schizophrenia: a systematic review and meta-analysis of postmortem studies. <i>Molecular Psychiatry</i> , 2021, 26, 3524-3535. | 4.1 | 49 |
| 12 | Differential Dorso-ventral Distributions of Kv4.2 and HCN Proteins Confer Distinct Integrative Properties to Hippocampal CA1 Pyramidal Cell Distal Dendrites. <i>Journal of Biological Chemistry</i> , 2012, 287, 17656-17661. | 1.6 | 43 |
| 13 | Dorsoventral Differences in Intrinsic Properties in Developing CA1 Pyramidal Cells. <i>Journal of Neuroscience</i> , 2012, 32, 3736-3747. | 1.7 | 42 |
| 14 | The fast and slow ups and downs of HCN channel regulation. <i>Channels</i> , 2010, 4, 215-231. | 1.5 | 40 |
| 15 | High-affinity nicotinic acetylcholine receptor expression and trafficking abnormalities in psychiatric illness. <i>Psychopharmacology</i> , 2013, 229, 477-485. | 1.5 | 38 |
| 16 | Reduction of thalamic and cortical <i>h</i> by deletion of TRIP8b produces a mouse model of human absence epilepsy. <i>Neurobiology of Disease</i> , 2016, 85, 81-92. | 2.1 | 36 |
| 17 | TRIP8b-Independent Trafficking and Plasticity of Adult Cortical Presynaptic HCN1 Channels. <i>Journal of Neuroscience</i> , 2012, 32, 14835-14848. | 1.7 | 34 |
| 18 | Modulation of aggressive behavior in mice by nicotinic receptor subtypes. <i>Biochemical Pharmacology</i> , 2015, 97, 488-497. | 2.0 | 27 |

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|----|--|-----|-----------|
| 19 | Bidirectional Regulation of Aggression in Mice by Hippocampal Alpha-7 Nicotinic Acetylcholine Receptors. <i>Neuropsychopharmacology</i> , 2018, 43, 1267-1275. | 2.8 | 27 |
| 20 | Reduction of Aggressive Episodes After Repeated Transdermal Nicotine Administration in a Hospitalized Adolescent with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3061-3066. | 1.7 | 23 |
| 21 | Regulation of Axonal HCN1 Trafficking in Perforant Path Involves Expression of Specific TRIP8b Isoforms. <i>PLoS ONE</i> , 2012, 7, e32181. | 1.1 | 23 |
| 22 | A stereoselective synthetic approach to (2S,3R)-N-(1- β -dimethyl-2- β -epoxypropyl)-3-hydroxytryptophan, a component of cyclamarin A. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 15-21. | 1.8 | 20 |
| 23 | An Exploratory Trial of Transdermal Nicotine for Aggression and Irritability in Adults with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 2748-2757. | 1.7 | 20 |
| 24 | Short- and long-term plasticity in CA1 neurons from mice lacking h-channel auxiliary subunit TRIP8b. <i>Journal of Neurophysiology</i> , 2013, 110, 2350-2357. | 0.9 | 17 |
| 25 | Efficacy of antipsychotics for irritability and aggression in children: a meta-analysis. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 1045-1053. | 1.4 | 17 |
| 26 | Regulation of aggressive behaviors by nicotinic acetylcholine receptors: Animal models, human genetics, and clinical studies. <i>Neuropharmacology</i> , 2020, 167, 107929. | 2.0 | 14 |
| 27 | Toward Standardized Guidelines for Investigating Neural Circuit Control of Behavior in Animal Research. <i>ENeuro</i> , 2021, 8, ENEURO.0498-20.2021. | 0.9 | 13 |
| 28 | Modeling Intrahippocampal Effects of Anterior Hippocampal Hyperactivity Relevant to Schizophrenia Using Chemogenetic Excitation of Long Axis-Projecting Mossy Cells in the Mouse Dentate Gyrus. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 101-111. | 1.0 | 9 |
| 29 | Association of Cigarette Smoking With Interpersonal and Self-Directed Violence in a Large Community-Based Sample. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1456-1462. | 1.4 | 8 |
| 30 | Effects of a nicotinic agonist on the Brief Psychiatric Rating Scale five-factor subscale model in schizophrenia. <i>Schizophrenia Research</i> , 2018, 195, 568-569. | 1.1 | 7 |
| 31 | Systematic Review: Distribution of Age and Intervention Modalities in Therapeutic Clinical Trials for Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 2208-2216. | 1.7 | 4 |
| 32 | The Barriers and Benefits to Developing Forensic Rotations for Psychiatry Residents. <i>Journal of the American Academy of Psychiatry and the Law</i> , 2018, 46, 322-328. | 0.2 | 4 |
| 33 | Delusional Infestation With Black Mold Presenting to the General Hospital. primary care companion for CNS disorders, <i>The</i> , 2015, 17, . | 0.2 | 1 |
| 34 | Induction of reversible bidirectional social approach bias by olfactory conditioning in male mice. <i>Social Neuroscience</i> , 2020, 15, 25-35. | 0.7 | 0 |
| 35 | Leveraging aggression risk gene expression in the developing and adult human brain to guide future precision interventions. <i>Molecular Psychiatry</i> , 2020, 26, 2680-2682. | 4.1 | 0 |