

William C Gordon

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

678
citations

623734

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docs citations

23
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiponectin receptor 1 conserves docosahexaenoic acid and promotes photoreceptor cell survival. <i>Nature Communications</i> , 2015, 6, 6228.	12.8	93
2	Receptor Interacting Protein Kinase-Mediated Necrosis Contributes to Cone and Rod Photoreceptor Degeneration in the Retina Lacking Interphotoreceptor Retinoid-Binding Protein. <i>Journal of Neuroscience</i> , 2013, 33, 17458-17468.	3.6	85
3	Elovanoids are novel cell-specific lipid mediators necessary for neuroprotective signaling for photoreceptor cell integrity. <i>Scientific Reports</i> , 2017, 7, 5279.	3.3	59
4	DNA damage and repair in light-induced photoreceptor degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 3511-21.	3.3	59
5	GRHL3 binding and enhancers rearrange as epidermal keratinocytes transition between functional states. <i>PLoS Genetics</i> , 2017, 13, e1006745.	3.5	49
6	Elovanoids counteract oligomeric A β -amyloid-induced gene expression and protect photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24317-24325.	7.1	47
7	Mediator Lipidomics in Ophthalmology: Targets for Modulation in Inflammation, Neuroprotection and Nerve Regeneration. <i>Current Eye Research</i> , 2013, 38, 995-1005.	1.5	39
8	Secretory Defect and Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2013, 288, 11395-11406.	3.4	36
9	Dysfunctional epileptic neuronal circuits and dysmorphic dendritic spines are mitigated by platelet-activating factor receptor antagonism. <i>Scientific Reports</i> , 2016, 6, 30298.	3.3	36
10	Fatty Acid Transport Protein 4 (FATP4) Prevents Light-Induced Degeneration of Cone and Rod Photoreceptors by Inhibiting RPE65 Isomerase. <i>Journal of Neuroscience</i> , 2013, 33, 3178-3189.	3.6	30
11	Age-related changes in brain phospholipids and bioactive lipids in the APP knock-in mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 116.	5.2	28
12	Ciliary neurotrophic factor (CNTF) protects retinal cone and rod photoreceptors by suppressing excessive formation of the visual pigments. <i>Journal of Biological Chemistry</i> , 2018, 293, 15256-15268.	3.4	24
13	Membrane-type frizzled-related protein regulates lipidome and transcription for photoreceptor function. <i>FASEB Journal</i> , 2020, 34, 912-929.	0.5	17
14	Epithelial Migration and Non-adhesive Periderm Are Required for Digit Separation during Mammalian Development. <i>Developmental Cell</i> , 2020, 52, 764-778.e4.	7.0	17
15	Bioavailability and spatial distribution of fatty acids in the rat retina after dietary omega-3 supplementation. <i>Journal of Lipid Research</i> , 2020, 61, 1733-1746.	4.2	13
16	Strong association of unesterified [3H]docosahexaenoic acid and [3H-docosahexaenoyl]phosphatidate to rhodopsin during in vivo labeling of frog retinal rod outer segments. <i>Neurochemical Research</i> , 2000, 25, 695-703.	3.3	12
17	Retinal Pigment Epithelium and Photoreceptor Preconditioning Protection Requires Docosanoid Signaling. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 901-917.	3.3	11
18	Platelet-Activating Factor (PAF) Receptor Antagonism Modulates Inflammatory Signaling in Experimental Uveitis. <i>Current Eye Research</i> , 2018, 43, 821-827.	1.5	6

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19	A Nonsteroidal Novel Formulation Targeting Inflammatory and Pruritus-Related Mediators Modulates Experimental Allergic Contact Dermatitis. <i>Dermatology and Therapy</i> , 2018, 8, 111-126.	3.0	5
20	Elovanoids downregulate SARS-CoV-2 cell-entry, canonical mediators and enhance protective signaling in human alveolar cells. <i>Scientific Reports</i> , 2021, 11, 12324.	3.3	5
21	A novel pipeline of 2-(benzenesulfonamide)-N-(4-hydroxyphenyl) acetamide analgesics that lack hepatotoxicity and retain antipyresis. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112600.	5.5	4
22	Inverse correlation between fatty acid transport protein 4 and vision in Leber congenital amaurosis associated with RPE65 mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32114-32123.	7.1	3
23	Learning from the Fly Photoreceptor on How Synapses Integrate Gene Expression to Sustain Retina and Brain Function. <i>Neuron</i> , 2019, 101, 548-550.	8.1	0