

Cynthia A Kelm-Nelson

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

636
citations

567281

15
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for early and progressive ultrasonic vocalization and oromotor deficits in a <i>PINK1</i> gene knockout rat model of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2015, 93, 1713-1727.	2.9	83
2	Early Identification and Treatment of Communication and Swallowing Deficits in Parkinson Disease. <i>Seminars in Speech and Language</i> , 2013, 34, 185-202.	0.8	47
3	Decreased approach behavior and nucleus accumbens immediate early gene expression in response to Parkinsonian ultrasonic vocalizations in rats. <i>Social Neuroscience</i> , 2016, 11, 365-379.	1.3	32
4	Characterization of early-onset motor deficits in the <i>Pink1</i> ^{0/0} mouse model of Parkinson disease. <i>Brain Research</i> , 2018, 1680, 1-12.	2.2	32
5	<i>Pink1</i> ^{0/0} Rats Show Early-Onset Swallowing Deficits and Correlative Brainstem Pathology. <i>Dysphagia</i> , 2018, 33, 749-758.	1.8	31
6	Quantitative Analysis of Catecholamines in the <i>Pink1</i> ^{0/0} Rat Model of Early-onset Parkinson's Disease. <i>Neuroscience</i> , 2018, 379, 126-141.	2.3	30
7	Modulation of male song by naloxone in the medial preoptic nucleus. <i>Behavioral Neuroscience</i> , 2013, 127, 451-457.	1.2	25
8	Early-onset Parkinsonian behaviors in female <i>Pink1</i> ^{-/-} rats. <i>Behavioural Brain Research</i> , 2020, 377, 112175.	2.2	24
9	Curvilinear relationships between mu-opioid receptor labeling and undirected song in male European starlings (<i>Sturnus vulgaris</i>). <i>Brain Research</i> , 2013, 1527, 29-39.	2.2	21
10	Vocal training, levodopa, and environment effects on ultrasonic vocalizations in a rat neurotoxin model of Parkinson disease. <i>Behavioural Brain Research</i> , 2016, 307, 54-64.	2.2	20
11	Characterization of oromotor and limb motor dysfunction in the <i>DJ1</i> ^{-/-} model of Parkinson disease. <i>Behavioural Brain Research</i> , 2018, 339, 47-56.	2.2	19
12	Changes to Ventilation, Vocalization, and Thermal Nociception in the <i>Pink1</i> ^{0/0} Rat Model of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 489-504.	2.8	19
13	Quantification of brainstem norepinephrine relative to vocal impairment and anxiety in the <i>Pink1</i> ^{-/-} rat model of Parkinson disease. <i>Behavioural Brain Research</i> , 2021, 414, 113514.	2.2	19
14	Exercise Effects on Early Vocal Ultrasonic Communication Dysfunction in a <i>PINK1</i> Knockout Model of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2015, 5, 749-763.	2.8	18
15	Why Do Birds Flock? A Role for Opioids in the Reinforcement of Gregarious Social Interactions. <i>Frontiers in Physiology</i> , 2019, 10, 421.	2.8	18
16	<i>Atp13a2</i> expression in the periaqueductal gray is decreased in the <i>Pink1</i> ^{-/-} rat model of Parkinson disease. <i>Neuroscience Letters</i> , 2016, 621, 75-82.	2.1	17
17	Noradrenergic receptor modulation influences the acoustic parameters of pro-social rat ultrasonic vocalizations. <i>Behavioral Neuroscience</i> , 2018, 132, 269-283.	1.2	16
18	Behavioral indices of breeding readiness in female European starlings correlate with immunolabeling for catecholamine markers in brain areas involved in sexual motivation. <i>General and Comparative Endocrinology</i> , 2012, 179, 359-368.	1.8	15

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19	Inverted U shaped effects of D1 dopamine receptor stimulation in the medial preoptic nucleus on sexually motivated song in male European starlings. <i>European Journal of Neuroscience</i> , 2014, 39, 650-662.	2.6	15
20	Pink1 ^{-/-} rats are a useful tool to study early Parkinson disease. <i>Brain Communications</i> , 2021, 3, fcab077.	3.3	14
21	Context-Dependent Links between Song Production and Opioid-Mediated Analgesia in Male European Starlings (<i>Sturnus vulgaris</i>). <i>PLoS ONE</i> , 2012, 7, e46721.	2.5	14
22	Laryngeal muscle biology in the Pink1 ^{-/-} rat model of Parkinson disease. <i>Journal of Applied Physiology</i> , 2019, 126, 1326-1334.	2.5	13
23	Gene expression within the periaqueductal gray is linked to vocal behavior and early-onset parkinsonism in Pink1 knockout rats. <i>BMC Genomics</i> , 2020, 21, 625.	2.8	13
24	Manipulation of vocal communication and anxiety through pharmacologic modulation of norepinephrine in the Pink1 ^{-/-} rat model of Parkinson disease. <i>Behavioural Brain Research</i> , 2022, 418, 113642.	2.2	13
25	Rat Models of Vocal Deficits in Parkinson's Disease. <i>Brain Sciences</i> , 2021, 11, 925.	2.3	12
26	Functional characterization of extrinsic tongue muscles in the Pink1 ^{-/-} rat model of Parkinson disease. <i>PLoS ONE</i> , 2020, 15, e0240366.	2.5	11
27	Intervention changes acoustic peak frequency and mesolimbic neurochemistry in the Pink1 ^{-/-} rat model of Parkinson disease. <i>PLoS ONE</i> , 2019, 14, e0220734.	2.5	10
28	Laryngeal Activity for Production of Ultrasonic Vocalizations in Rats. <i>Handbook of Behavioral Neuroscience</i> , 2018, , 37-43.	0.7	8
29	Thyroarytenoid Muscle Gene Expression in a Rat Model of Early-Onset Parkinson's Disease. <i>Laryngoscope</i> , 2021, 131, E2874-E2879.	2.0	7
30	Differences in dopamine and opioid receptor ratios in the nucleus accumbens relate to physical contact and undirected song in pair-bonded zebra finches. <i>Behavioral Neuroscience</i> , 2022, 136, 72-83.	1.2	7
31	Complex patterns of dopamine-related gene expression in the ventral tegmental area of male zebra finches relate to dyadic interactions with long-term female partners. <i>Genes, Brain and Behavior</i> , 2020, 19, e12619.	2.2	6
32	Data in support of qPCR primer design and verification in a Pink1 ^{-/-} rat model of Parkinson disease. <i>Data in Brief</i> , 2016, 8, 360-363.	1.0	4
33	Changes in Ultrasonic Vocalizations in Senescent Rats. <i>Handbook of Behavioral Neuroscience</i> , 2018, 25, 383-386.	0.7	2
34	Quantification of very late xerostomia in head and neck cancer patients after irradiation. <i>Laryngoscope Investigative Otolaryngology</i> , 0, , .	1.5	1
35	Title is missing!. , 2020, 15, e0240366.		0
36	Title is missing!. , 2020, 15, e0240366.		0

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37	Title is missing!. , 2020, 15, e0240366.		0
38	Title is missing!. , 2020, 15, e0240366.		0