

# Ewelina A Knapska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2069010/publications.pdf>

Version: 2024-02-01

60  
papers

3,028  
citations

218677

26  
h-index

214800

47  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ability to share emotions of others as a foundation of social learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 23-36.	6.1	12
2	Targeted therapy of cognitive deficits in fragile X syndrome. <i>Molecular Psychiatry</i> , 2022, 27, 2766-2776.	7.9	4
3	Brain size, gut size and cognitive abilities: the energy trade-offs tested in artificial selection experiment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212747.	2.6	4
4	Epileptiform GluN2B-driven excitation in hippocampus as a therapeutic target against temporal lobe epilepsy. <i>Experimental Neurology</i> , 2022, 354, 114087.	4.1	6
5	SRF depletion in early life contributes to social interaction deficits in the adulthood. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 278.	5.4	5
6	Emotional contagion and prosocial behavior in rodents. <i>Trends in Cognitive Sciences</i> , 2022, 26, 688-706.	7.8	37
7	Blueprints for measuring natural behavior. <i>IScience</i> , 2022, 25, 104635.	4.1	8
8	Chronic fluoxetine treatment impairs motivation and reward learning by affecting neuronal plasticity in the central amygdala. <i>British Journal of Pharmacology</i> , 2021, 178, 672-688.	5.4	16
9	Distinct circuits in rat central amygdala for defensive behaviors evoked by socially signaled imminent versus remote danger. <i>Current Biology</i> , 2021, 31, 2347-2358.e6.	3.9	28
10	Relaying Aversive Ultrasonic Alarm Calls Depends on Previous Experience. <i>Empathy, Social Buffering, or Panic?</i> . <i>Brain Sciences</i> , 2021, 11, 759.	2.3	5
11	Ewelina Knapska. <i>Current Biology</i> , 2021, 31, R976-R977.	3.9	0
12	Hippocampal Inputs in the Prelimbic Cortex Curb Fear after Extinction. <i>Journal of Neuroscience</i> , 2021, 41, 9129-9140.	3.6	8
13	Mitochondrial protein biogenesis in the synapse is supported by local translation. <i>EMBO Reports</i> , 2020, 21, e48882.	4.5	63
14	Observational learning of fear in real time procedure. <i>Scientific Reports</i> , 2020, 10, 16960.	3.3	7
15	The neural and computational systems of social learning. <i>Nature Reviews Neuroscience</i> , 2020, 21, 197-212.	10.2	131
16	IntelliCage as a tool for measuring mouse behavior – 20 years perspective. <i>Behavioural Brain Research</i> , 2020, 388, 112620.	2.2	71
17	Social Transfer of Fear in Rodents. <i>Current Protocols in Neuroscience</i> , 2019, 90, e85.	2.6	7
18	Neuronal TDP-43 depletion affects activity-dependent plasticity. <i>Neurobiology of Disease</i> , 2019, 130, 104499.	4.4	15

#	ARTICLE	IF	CITATIONS
19	Ecological validity of social interaction tests in rats and mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12525.	2.2	82
20	What can rodents teach us about empathy?. <i>Current Opinion in Psychology</i> , 2018, 24, 15-20.	4.9	30
21	Blocking c-Fos Expression Reveals the Role of Auditory Cortex Plasticity in Sound Frequency Discrimination Learning. <i>Cerebral Cortex</i> , 2018, 28, 1645-1655.	2.9	29
22	Introduction“Empathy Beyond Semantics. , 2018, , 1-6.		0
23	Neuronal Correlates of Remote Fear Learning in Rats. , 2018, , 111-121.		0
24	Future Directions, Outstanding Questions. , 2018, , 191-196.		0
25	Development of automated cage for optogenetic experiments with electromagnetic positioning system. , 2018, , .		0
26	c-Fos and neuronal plasticity: the aftermath of Kaczmarek's theory. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 287-296.	0.7	11
27	The roots of empathy: Through the lens of rodent models. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 216-234.	6.1	135
28	Why mother rats protect their children. <i>ELife</i> , 2017, 6, .	6.0	2
29	An automated cage for optogenetic experiments with electromagnetic positioning system. , 2017, , .		0
30	Sex differences in social modulation of learning in rats. <i>Scientific Reports</i> , 2016, 5, 18114.	3.3	54
31	Implementation of control system for optogenetic devices and home-cage environments. , 2016, , .		0
32	CD44: a novel synaptic cell adhesion molecule regulating structural and functional plasticity of dendritic spines. <i>Molecular Biology of the Cell</i> , 2016, 27, 4055-4066.	2.1	58
33	Matrix Metalloproteinase 9 (MMP-9) in Learning and Memory. , 2016, , 161-181.		4
34	Eco-HAB as a fully automated and ecologically relevant assessment of social impairments in mouse models of autism. <i>ELife</i> , 2016, 5, .	6.0	36
35	Miniature subcutaneous optogenetic device. , 2016, , .		0
36	Modular control system for optogenetic experiments. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Neuronal correlates of asocial behavior in a BTBR T+Itpr3tf/J mouse model of autism. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 199.	2.0	34
38	Matrix metalloproteinase 9 (MMP-9) is indispensable for long term potentiation in the central and basal but not in the lateral nucleus of the amygdala. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 73.	3.7	49
39	A novel automated behavioral test battery assessing cognitive rigidity in two genetic mouse models of autism. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 140.	2.0	34
40	Neuroengineering control and regulation of behavior. , 2014, , .		0
41	IntelliCages and automated assessment of learning in group-housed mice. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
42	Controlling complexity: the clinical relevance of mouse complex genetics. <i>European Journal of Human Genetics</i> , 2013, 21, 1191-1196.	2.8	29
43	Social modulation in extinction of aversive memories. <i>Behavioural Brain Research</i> , 2013, 238, 200-205.	2.2	38
44	Reward Learning Requires Activity of Matrix Metalloproteinase-9 in the Central Amygdala. <i>Journal of Neuroscience</i> , 2013, 33, 14591-14600.	3.6	63
45	Matrix Metalloproteinase (MMP) 9 Transcription in Mouse Brain Induced by Fear Learning. <i>Journal of Biological Chemistry</i> , 2013, 288, 20978-20991.	3.4	82
46	Functional anatomy of neural circuits regulating fear and extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17093-17098.	7.1	162
47	Cognitive Abilities of Alzheimers Disease Transgenic Mice are Modulated by Social Context and Circadian Rhythm. <i>Current Alzheimer Research</i> , 2011, 8, 883-892.	1.4	26
48	Hippocampal and Prefrontal Projections to the Basal Amygdala Mediate Contextual Regulation of Fear after Extinction. <i>Journal of Neuroscience</i> , 2011, 31, 17269-17277.	3.6	270
49	Social modulation of learning in rats. <i>Learning and Memory</i> , 2010, 17, 35-42.	1.3	141
50	Reciprocal patterns of c-Fos expression in the medial prefrontal cortex and amygdala after extinction and renewal of conditioned fear. <i>Learning and Memory</i> , 2009, 16, 486-493.	1.3	224
51	New hippocampal neurons are not obligatory for memory formation; cyclin D2 knockout mice with no adult brain neurogenesis show learning. <i>Learning and Memory</i> , 2009, 16, 439-451.	1.3	112
52	Fear Extinction in Rodents. <i>Current Protocols in Neuroscience</i> , 2009, 47, Unit8.23.	2.6	46
53	Behavioral characterization of GLT1 (+/-) mice as a model of mild glutamatergic hyperfunction. <i>Neurotoxicity Research</i> , 2008, 13, 19-30.	2.7	51
54	Functional Internal Complexity of Amygdala: Focus on Gene Activity Mapping After Behavioral Training and Drugs of Abuse. <i>Physiological Reviews</i> , 2007, 87, 1113-1173.	28.8	131

#	ARTICLE	IF	CITATIONS
55	Differential involvement of the central amygdala in appetitive versus aversive learning. <i>Learning and Memory</i> , 2006, 13, 192-200.	1.3	110
56	c-Fos and Zif268 in Learning and Memory – Studies on Expression and Function. , 2006, , 137-158.		2
57	Between-subject transfer of emotional information evokes specific pattern of amygdala activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3858-3862.	7.1	144
58	A gene for neuronal plasticity in the mammalian brain: Zif268/Egr-1/NGFI-A/Krox-24/TIS8/ZENK?. <i>Progress in Neurobiology</i> , 2004, 74, 183-211.	5.7	335
59	Differential response of two subdivisions of lateral amygdala to aversive conditioning as revealed by c-Fos and P-ERK mapping. <i>NeuroReport</i> , 2002, 13, 2241-2246.	1.2	49
60	Social deficits in <scp>BTBR</scp> T+ Itpr3tf/J mice vary with ecological validity of the test. <i>Genes, Brain and Behavior</i> , 0, , .	2.2	6