# Ewelina A Knapska

List of Publications by Year
in descending order

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

Version: 2024-02-01

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|---|---|---|---|
| 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 | A gene for neuronal plasticity in the mammalian brain: Zif268/Egr-1/NGFI-A/Krox-24/TIS8/ZENK?. Progress in Neurobiology, 2004, 74, 183-211. | 5.7 | 335 |
| 2 | Hippocampal and Prefrontal Projections to the Basal Amygdala Mediate Contextual Regulation of Fear after Extinction. Journal of Neuroscience, 2011, 31, 17269-17277. | 3.6 | 270 |
| 3 | Reciprocal patterns of c-Fos expression in the medial prefrontal cortex and amygdala after extinction and renewal of conditioned fear. Learning and Memory, 2009, 16, 486-493. | 1.3 | 224 |
| 4 | Functional anatomy of neural circuits regulating fear and extinction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17093-17098. | 7.1 | 162 |
| 5 | Between-subject transfer of emotional information evokes specific pattern of amygdala activation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3858-3862. | 7.1 | 144 |
| 6 | Social modulation of learning in rats. Learning and Memory, 2010, 17, 35-42. | 1.3 | 141 |
| 7 | The roots of empathy: Through the lens of rodent models. Neuroscience and Biobehavioral Reviews, 2017, 76, 216-234. | 6.1 | 135 |
| 8 | Functional Internal Complexity of Amygdala: Focus on Gene Activity Mapping After Behavioral Training and Drugs of Abuse. Physiological Reviews, 2007, 87, 1113-1173. | 28.8 | 131 |
| 9 | The neural and computational systems of social learning. Nature Reviews Neuroscience, 2020, 21, 197-212. | 10.2 | 131 |
| 10 | New hippocampal neurons are not obligatory for memory formation; cyclin D2 knockout mice with no adult brain neurogenesis show learning. Learning and Memory, 2009, 16, 439-451. | 1.3 | 112 |
| 11 | Differential involvement of the central amygdala in appetitive versus aversive learning. Learning and Memory, 2006, 13, 192-200. | 1.3 | 110 |
| 12 | Matrix Metalloproteinase (MMP) 9 Transcription in Mouse Brain Induced by Fear Learning. Journal of Biological Chemistry, 2013, 288, 20978-20991. | 3.4 | 82 |
| 13 | Ecological validity of social interaction tests in rats and mice. Genes, Brain and Behavior, 2019, 18, e12525. | 2.2 | 82 |
| 14 | IntelliCage as a tool for measuring mouse behavior â€“ 20 years perspective. Behavioural Brain Research, 2020, 388, 112620. | 2.2 | 71 |
| 15 | Reward Learning Requires Activity of Matrix Metalloproteinase-9 in the Central Amygdala. Journal of Neuroscience, 2013, 33, 14591-14600. | 3.6 | 63 |
| 16 | Mitochondrial protein biogenesis in the synapse is supported by local translation. EMBO Reports, 2020, 21, e48882. | 4.5 | 63 |
| 17 | CD44: a novel synaptic cell adhesion molecule regulating structural and functional plasticity of dendritic spines. Molecular Biology of the Cell, 2016, 27, 4055-4066. | 2.1 | 58 |
| 18 | Sex differences in social modulation of learning in rats. Scientific Reports, 2016, 5, 18114. | 3.3 | 54 |

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|---|---|---|---|
| 19 | Behavioral characterization of GLT1 (+/-) mice as a model of mild glutamatergic hyperfunction. Neurotoxicity Research, 2008, 13, 19-30. | 2.7 | 51 |
| 20 | Differential response of two subdivisions of lateral amygdala to aversive conditioning as revealed by c-Fos and P-ERK mapping. NeuroReport, 2002, 13, 2241-2246. | 1.2 | 49 |
| 21 | 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. Frontiers in Cellular Neuroscience, 2015, 9, 73. | 3.7 | 49 |
| 22 | Fear Extinction in Rodents. Current Protocols in Neuroscience, 2009, 47, Unit8.23. | 2.6 | 46 |
| 23 | Social modulation in extinction of aversive memories. Behavioural Brain Research, 2013, 238, 200-205. | 2.2 | 38 |
| 24 | Emotional contagion and prosocial behavior in rodents. Trends in Cognitive Sciences, 2022, 26, 688-706. | 7.8 | 37 |
| 25 | Eco-HAB as a fully automated and ecologically relevant assessment of social impairments in mouse models of autism. ELife, 2016, 5, . | 6.0 | 36 |
| 26 | A novel automated behavioral test battery assessing cognitive rigidity in two genetic mouse models of autism. Frontiers in Behavioral Neuroscience, 2014, 8, 140. | 2.0 | 34 |
| 27 | Neuronal correlates of asocial behavior in a BTBR T+Itpr3tf/J mouse model of autism. Frontiers in Behavioral Neuroscience, 2015, 9, 199. | 2.0 | 34 |
| 28 | What can rodents teach us about empathy?. Current Opinion in Psychology, 2018, 24, 15-20. | 4.9 | 30 |
| 29 | Controlling complexity: the clinical relevance of mouse complex genetics. European Journal of Human Genetics, 2013, 21, 1191-1196. | 2.8 | 29 |
| 30 | Blocking c-Fos Expression Reveals the Role of Auditory Cortex Plasticity in Sound Frequency Discrimination Learning. Cerebral Cortex, 2018, 28, 1645-1655. | 2.9 | 29 |
| 31 | Distinct circuits in rat central amygdala for defensive behaviors evoked by socially signaled imminent versus remote danger. Current Biology, 2021, 31, 2347-2358.e6. | 3.9 | 28 |
| 32 | Cognitive Abilities of Alzheimers Disease Transgenic Mice are Modulated by Social Context and Circadian Rhythm. Current Alzheimer Research, 2011, 8, 883-892. | 1.4 | 26 |
| 33 | Chronic fluoxetine treatment impairs motivation and reward learning by affecting neuronal plasticity in the central amygdala. British Journal of Pharmacology, 2021, 178, 672-688. | 5.4 | 16 |
| 34 | Neuronal TDP-43 depletion affects activity-dependent plasticity. Neurobiology of Disease, 2019, 130, 104499. | 4.4 | 15 |
| 35 | Ability to share emotions of others as a foundation of social learning. Neuroscience and Biobehavioral Reviews, 2022, 132, 23-36. | 6.1 | 12 |
| 36 | c-Fos and neuronal plasticity: the aftermath of Kaczmarek's theory. Acta Neurobiologiae Experimentalis, 2018, 78, 287-296. | 0.7 | 11 |

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|---|---|---|---|
| 37 | Hippocampal Inputs in the Prelimbic Cortex Curb Fear after Extinction. Journal of Neuroscience, 2021, 41, 9129-9140. | 3.6 | 8 |
| 38 | Blueprints for measuring natural behavior. IScience, 2022, 25, 104635. | 4.1 | 8 |
| 39 | Social Transfer of Fear in Rodents. Current Protocols in Neuroscience, 2019, 90, e85. | 2.6 | 7 |
| 40 | Observational learning of fear in real time procedure. Scientific Reports, 2020, 10, 16960. | 3.3 | 7 |
| 41 | Epileptiform GluN2Bâ€“driven excitation in hippocampus as a therapeutic target against temporal lobe epilepsy. Experimental Neurology, 2022, 354, 114087. | 4.1 | 6 |
| 42 | Social deficits in <scp>BTBR</scp> T+ Itpr3tf/J mice vary with ecological validity of the test. Genes, Brain and Behavior, 0, , . | 2.2 | 6 |
| 43 | Relaying Aversive Ultrasonic Alarm Calls Depends on Previous Experience. Empathy, Social Buffering, or Panic?. Brain Sciences, 2021, 11, 759. | 2.3 | 5 |
| 44 | SRF depletion in early life contributes to social interaction deficits in the adulthood. Cellular and Molecular Life Sciences, 2022, 79, 278. | 5.4 | 5 |
| 45 | Matrix Metalloproteinase 9 (MMP-9) in Learning and Memory. , 2016, , 161-181. | | 4 |
| 46 | Targeted therapy of cognitive deficits in fragile X syndrome. Molecular Psychiatry, 2022, 27, 2766-2776. | 7.9 | 4 |
| 47 | Brain size, gut size and cognitive abilities: the energy trade-offs tested in artificial selection experiment. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212747. | 2.6 | 4 |
| 48 | c-Fos and Zif268 in Learning and Memoryâ€”Studies on Expression and Function. , 2006, , 137-158. | | 2 |
| 49 | Why mother rats protect their children. ELife, 2017, 6, . | 6.0 | 2 |
| 50 | Neuroengineering control and regulation of behavior. , 2014, , . | | 0 |
| 51 | IntelliCages and automated assessment of learning in group-housed mice. Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 52 | Implementation of control system for optogenetic devices and home-cage environments. , 2016, , . | | 0 |
| 53 | Introductionâ€“Empathy Beyond Semantics. , 2018, , 1-6. | | 0 |
| 54 | Neuronal Correlates of Remote Fear Learning in Rats. , 2018, , 111-121. | | 0 |

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|---|---|---|---|
| 55 | Future Directions, Outstanding Questions. , 2018, , 191-196. | | 0 |
| 56 | Ewelina Knapska. Current Biology, 2021, 31, R976-R977. | 3.9 | 0 |
| 57 | Miniature subcutaneous optogenetic device. , 2016, , . | | 0 |
| 58 | Modular control system for optogenetic experiments. , 2016, , . | | 0 |
| 59 | An automated cage for optogenetic experiments with electromagnetic positioning system. , 2017, , . | | 0 |
| 60 | Development of automated cage for optogenetic experiments with electromagnetic positioning system. , 2018, , . | | 0 |