

# Stephanie C Gantz

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

778  
citations

687363

13  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Extracellular Dopamine at Dendrite and Axon Terminals. <i>Journal of Neuroscience</i> , 2010, 30, 6975-6983.	3.6	118
2	Loss of Mecp2 in Substantia Nigra Dopamine Neurons Compromises the Nigrostriatal Pathway. <i>Journal of Neuroscience</i> , 2011, 31, 12629-12637.	3.6	86
3	The Evolving Understanding of Dopamine Neurons in the Substantia Nigra and Ventral Tegmental Area. <i>Annual Review of Physiology</i> , 2018, 80, 219-241.	13.1	82
4	Spontaneous Inhibitory Synaptic Currents Mediated by a G Protein-Coupled Receptor. <i>Neuron</i> , 2013, 78, 807-812.	8.1	78
5	CRF Enhancement of GIRK Channel-Mediated Transmission in Dopamine Neurons. <i>Neuropsychopharmacology</i> , 2009, 34, 1926-1935.	5.4	65
6	The rare DAT coding variant Val559 perturbs DA neuron function, changes behavior, and alters in vivo responses to psychostimulants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4779-88.	7.1	59
7	Cell-Autonomous Excitation of Midbrain Dopamine Neurons by Endocannabinoid-Dependent Lipid Signaling. <i>Neuron</i> , 2017, 93, 1375-1387.e2.	8.1	49
8	Fentanyl vapor self-administration model in mice to study opioid addiction. <i>Science Advances</i> , 2020, 6, eabc0413.	10.3	44
9	Control of food approach and eating by a GABAergic projection from lateral hypothalamus to dorsal pons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8611-8615.	7.1	41
10	Distinct regulation of dopamine D2S and D2L autoreceptor signaling by calcium. <i>ELife</i> , 2015, 4, .	6.0	36
11	Delta glutamate receptor conductance drives excitation of mouse dorsal raphe neurons. <i>ELife</i> , 2020, 9, .	6.0	33
12	Depression of Serotonin Synaptic Transmission by the Dopamine Precursor L-DOPA. <i>Cell Reports</i> , 2015, 12, 944-954.	6.4	31
13	Synaptic and intrinsic plasticity in the ventral tegmental area after chronic cocaine. <i>Current Opinion in Neurobiology</i> , 2019, 54, 66-72.	4.2	19
14	Bidirectional flow of the funny current ( $I_{f}$ ) during the pacemaking cycle in murine sinoatrial node myocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
15	Excitation of medium spiny neurons by $\text{G}^{\text{inhibitory}}$ ™ ultrapotent chemogenetics via shifts in chloride reversal potential. <i>ELife</i> , 2021, 10, .	6.0	11
16	Spatiotemporal Control of Noradrenaline-Dependent Synaptic Transmission in Mouse Dorsal Raphe Serotonin Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 968-979.	3.6	9
17	Characteristics of Ivabradine-Sensitive Currents in Mouse Sinoatrial Node Myocytes. <i>Biophysical Journal</i> , 2017, 112, 35a-36a.	0.5	1
18	Deviating from the norm: cocaine-induced synaptic plasticity in the nucleus accumbens via $\text{5-HT}_{1}$ receptors and endocannabinoid signaling. <i>Neuropsychopharmacology</i> , 2021, . .	5.4	0