

Teresa G Hastings

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,997
citations

331259

21
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

4618
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine Oxidation Alters Mitochondrial Respiration and Induces Permeability Transition in Brain Mitochondria. <i>Journal of Neurochemistry</i> , 2001, 73, 1127-1137.	2.1	582
2	Î±-Synuclein binds to TOM20 and inhibits mitochondrial protein import in Parkinsonâ€™s disease. <i>Science Translational Medicine</i> , 2016, 8, 342ra78.	5.8	432
3	Cytotoxic and genotoxic potential of dopamine. , 1999, 55, 659-665.		399
4	LRRK2 activation in idiopathic Parkinsonâ€™s disease. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	363
5	Enzymatic Oxidation of Dopamine: The Role of Prostaglandin H Synthase. <i>Journal of Neurochemistry</i> , 1995, 64, 919-924.	2.1	316
6	Unregulated Cytosolic Dopamine Causes Neurodegeneration Associated with Oxidative Stress in Mice. <i>Journal of Neuroscience</i> , 2008, 28, 425-433.	1.7	211
7	The role of dopamine oxidation in mitochondrial dysfunction: implications for Parkinsonâ€™s disease. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 469-472.	1.0	177
8	Estimating Hydroxyl Radical Content in Rat Brain Using Systemic and Intraventricular Salicylate: Impact of Methamphetamine. <i>Journal of Neurochemistry</i> , 1995, 64, 1819-1825.	2.1	173
9	Phospholipase iPLA2Î² averts ferroptosis by eliminating a redox lipid death signal. <i>Nature Chemical Biology</i> , 2021, 17, 465-476.	3.9	168
10	Modification of Dopamine Transporter Function: Effect of Reactive Oxygen Species and Dopamine. <i>Journal of Neurochemistry</i> , 1996, 67, 593-600.	2.1	152
11	Identification of Catecholâ€“Protein Conjugates in Neostriatal Slices Incubated with [³ H]Dopamine: Impact of Ascorbic Acid and Glutathione. <i>Journal of Neurochemistry</i> , 1994, 63, 1126-1132.	2.1	146
12	shRNA targeting Î±-synuclein prevents neurodegeneration in a Parkinsonâ€™s disease model. <i>Journal of Clinical Investigation</i> , 2015, 125, 2721-2735.	3.9	143
13	Proteomic identification of dopamine-conjugated proteins from isolated rat brain mitochondria and SH-SY5Y cells. <i>Neurobiology of Disease</i> , 2009, 34, 487-500.	2.1	140
14	Characterization of hydrogen peroxide toxicity in cultured rat forebrain neurons. <i>Neurochemical Research</i> , 1997, 22, 333-340.	1.6	103
15	Inhibition of Glutamate Transport in Synaptosomes by Dopamine Oxidation and Reactive Oxygen Species. <i>Journal of Neurochemistry</i> , 1997, 69, 1185-1195.	2.1	93
16	LRRK2 inhibition prevents endolysosomal deficits seen in human Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 134, 104626.	2.1	73
17	Role of Endogenous Glutathione in the Oxidation of Dopamine. <i>Journal of Neurochemistry</i> , 1998, 71, 2071-2078.	2.1	72
18	A comparison of the high-affinity peripheral benzodiazepine receptor ligands DAA1106 and (R)-PK11195 in rat models of neuroinflammation: implications for PET imaging of microglial activation. <i>Journal of Neurochemistry</i> , 2007, 102, 2118-2131.	2.1	72

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19	Dopamine quinone modifies and decreases the abundance of the mitochondrial selenoprotein glutathione peroxidase 4. <i>Free Radical Biology and Medicine</i> , 2013, 65, 419-427.	1.3	68
20	Acquired dysregulation of dopamine homeostasis reproduces features of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2020, 6, 34.	2.5	29
21	Mic60/mitofilin overexpression alters mitochondrial dynamics and attenuates vulnerability of dopaminergic cells to dopamine and rotenone. <i>Neurobiology of Disease</i> , 2016, 91, 247-261.	2.1	28
22	Î±-Synuclein amplifies cytoplasmic peroxide flux and oxidative stress provoked by mitochondrial inhibitors in CNS dopaminergic neurons in vivo. <i>Redox Biology</i> , 2020, 37, 101695.	3.9	26
23	NADPH oxidase 2 activity in Parkinson's disease. <i>Neurobiology of Disease</i> , 2022, 170, 105754.	2.1	18
24	Potential Role of Mic60/Mitofilin in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 898.	1.4	13
25	The high-affinity peripheral benzodiazepine receptor ligand [11C]DAA1106 can be used to image microglia in animal models of Parkinson's disease and neuroinflammation in vivo using PET. <i>FASEB Journal</i> , 2007, 21, A29.	0.2	0