

Makoto R Hara

List of Publications by Year in descending order

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17
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4,570
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516710

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5626
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#	ARTICLE	IF	CITATIONS
1	S-nitrosylated GAPDH initiates apoptotic cell death by nuclear translocation following Siah1 binding. <i>Nature Cell Biology</i> , 2005, 7, 665-674.	10.3	951
2	Distinct Phosphorylation Sites on the β -Adrenergic Receptor Establish a Barcode That Encodes Differential Functions of β -Arrestin. <i>Science Signaling</i> , 2011, 4, ra51.	3.6	535
3	Nitric Oxide Regulates Exocytosis by S-Nitrosylation of N-ethylmaleimide-Sensitive Factor. <i>Cell</i> , 2003, 115, 139-150.	28.9	413
4	GAPDH mediates nitrosylation of nuclear proteins. <i>Nature Cell Biology</i> , 2010, 12, 1094-1100.	10.3	364
5	A stress response pathway regulates DNA damage through β -adrenoreceptors and β -arrestin-1. <i>Nature</i> , 2011, 477, 349-353.	27.8	360
6	Nitric oxide-induced nuclear GAPDH activates p300/CBP and mediates apoptosis. <i>Nature Cell Biology</i> , 2008, 10, 866-873.	10.3	353
7	Neuroprotection by pharmacologic blockade of the GAPDH death cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3887-3889.	7.1	222
8	Cell Signaling and Neuronal Death. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 117-141.	9.4	206
9	GAPDH as a sensor of NO stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006, 1762, 502-509.	3.8	184
10	Arrestin Development: Emerging Roles for β -arrestins in Developmental Signaling Pathways. <i>Developmental Cell</i> , 2009, 17, 443-458.	7.0	183
11	Global phosphorylation analysis of β -arrestin-mediated signaling downstream of a seven transmembrane receptor (7TMR). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15299-15304.	7.1	182
12	Nitric Oxide-GAPDH-Siah: A Novel Cell Death Cascade. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 525-536.	3.3	155
13	β -Arrestin-2 Mediates Anti-apoptotic Signaling through Regulation of BAD Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 8855-8865.	3.4	145
14	GOSPEL: A Neuroprotective Protein that Binds to GAPDH upon S-Nitrosylation. <i>Neuron</i> , 2009, 63, 81-91.	8.1	123
15	Mutant Huntingtin: Nuclear translocation and cytotoxicity mediated by GAPDH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3405-3409.	7.1	112
16	Pharmacological blockade of a β 2AR- β -arrestin-1 signaling cascade prevents the accumulation of DNA damage in a behavioral stress model. <i>Cell Cycle</i> , 2013, 12, 219-224.	2.6	70
17	β -arrestin-1 regulates DNA repair by acting as an E3-ubiquitin ligase adaptor for 53BP1. <i>Cell Death and Differentiation</i> , 2020, 27, 1200-1213.	11.2	12