

Isaac N Pessah

List of Publications by Year in descending order

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252
papers

16,478
citations

10986

71
h-index

20358

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259
all docs

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docs citations

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times ranked

12866
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydroepiandrosterone (DHEA) reduces core body temperature and protects against heat stress intolerance in RYR1-T4826IHSI malignant hyperthermia susceptible mice. <i>Biophysical Journal</i> , 2022, 121, 504a.	0.5	0
2	The seizure-inducing plastic explosive <sc>RDX</sc> inhibits the <math>1 \text{ } \hat{I}^2 \text{ } 2 \text{ } \hat{I}^3 \text{ } 2 \text{ } \text{sc}> \text{GABA } \text{A} \text{ } \text{sc}> \text{ receptor. } \textit{Annals of Clinical and Translational Neurology}, 2022, , .	3.7	5
3	Structure-Activity Relationship of Neuroactive Steroids, Midazolam, and Perampanel Toward Mitigating Tetramine-Triggered Activity in Murine Hippocampal Neuronal Networks. <i>Toxicological Sciences</i> , 2021, 180, 325-341.	3.1	5
4	Surfactant cocamide monoethanolamide causes eye irritation by activating nociceptor TRPV1 channels. <i>British Journal of Pharmacology</i> , 2021, 178, 3448-3462.	5.4	4
5	Marine and Anthropogenic Bromopyrroles Alter Cellular Ca^{2+} Dynamics of Murine Cortical Neuronal Networks by Targeting the Ryanodine Receptor and Sarco/Endoplasmic Reticulum Ca^{2+} -ATPase. <i>Environmental Science & Technology</i> , 2021, 55, 16023-16033.	10.0	3
6	Sex and Genotype Modulate the Dendritic Effects of Developmental Exposure to a Human-Relevant Polychlorinated Biphenyls Mixture in the Juvenile Mouse. <i>Frontiers in Neuroscience</i> , 2021, 15, 766802.	2.8	6
7	Developmental Exposure to a Human-Relevant Polychlorinated Biphenyl Mixture Causes Behavioral Phenotypes That Vary by Sex and Genotype in Juvenile Mice Expressing Human Mutations That Modulate Neuronal Calcium. <i>Frontiers in Neuroscience</i> , 2021, 15, 766826.	2.8	17
8	Dietary Caffeine Synergizes Adverse Peripheral and Central Responses to Anesthesia in Malignant Hyperthermia Susceptible Mice. <i>Molecular Pharmacology</i> , 2020, 98, 351-363.	2.3	1
9	Ryanodine Receptor Type 2: A Molecular Target for Dichlorodiphenyltrichloroethane- and Dichlorodiphenyldichloroethylene-Mediated Cardiotoxicity. <i>Toxicological Sciences</i> , 2020, 178, 159-172.	3.1	11
10	Sex-specific alterations in whole body energetics and voluntary activity in heterozygous R163C malignant hyperthermia-susceptible mice. <i>FASEB Journal</i> , 2020, 34, 8721-8733.	0.5	6
11	Human Cerebral Cortex Proteome of Fragile X-Associated Tremor/Ataxia Syndrome. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 600840.	3.5	11
12	Developmental exposure to polychlorinated biphenyls (PCBs) in the maternal diet causes host-microbe defects in weanling offspring mice. <i>Environmental Pollution</i> , 2019, 253, 708-721.	7.5	47
13	Composition of the Intranuclear Inclusions of Fragile X-associated Tremor/Ataxia Syndrome. <i>Acta Neuropathologica Communications</i> , 2019, 7, 143.	5.2	48
14	Interactions of Dichlorodiphenyltrichloroethane (DDT) and Dichlorodiphenyldichloroethylene (DDE) With Skeletal Muscle Ryanodine Receptor Type 1. <i>Toxicological Sciences</i> , 2019, 170, 509-524.	3.1	7
15	Influence of Nanomolar Deltamethrin on the Hallmarks of Primary Cultured Cortical Neuronal Network and the Role of Ryanodine Receptors. <i>Environmental Health Perspectives</i> , 2019, 127, 67003.	6.0	19
16	Additional Safety Assessments Needed for Diamide Insecticides. <i>Toxicological Sciences</i> , 2019, 171, 282-282.	3.1	1
17	Neurotoxicity of polychlorinated biphenyls and related organohalogens. <i>Acta Neuropathologica</i> , 2019, 138, 363-387.	7.7	123
18	Comparative Analyses of the 12 Most Abundant PCB Congeners Detected in Human Maternal Serum for Activity at the Thyroid Hormone Receptor and Ryanodine Receptor. <i>Environmental Science & Technology</i> , 2019, 53, 3948-3958.	10.0	60

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19	Saikosaponin d causes apoptotic death of cultured neocortical neurons by increasing membrane permeability and elevating intracellular Ca ²⁺ concentration. <i>NeuroToxicology</i> , 2019, 70, 112-121.	3.0	19
20	Comparison of Chlorantraniliprole and Flubendiamide Activity Toward Wild-Type and Malignant Hyperthermia-Susceptible Ryanodine Receptors and Heat Stress Intolerance. <i>Toxicological Sciences</i> , 2019, 167, 509-523.	3.1	22
21	Genetic mutations in Ca ²⁺ signaling alter dendrite morphology and social approach in juvenile mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12526.	2.2	16
22	Organohalogenes Naturally Biosynthesized in Marine Environments and Produced as Disinfection Byproducts Alter Sarco/Endoplasmic Reticulum Ca ²⁺ Dynamics. <i>Environmental Science & Technology</i> , 2018, 52, 5469-5478.	10.0	17
23	Authentication of synthetic environmental contaminants and their (bio)transformation products in toxicology: polychlorinated biphenyls as an example. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16508-16521.	5.3	22
24	A Prospective Study of Environmental Exposures and Early Biomarkers in Autism Spectrum Disorder: Design, Protocols, and Preliminary Data from the MARBLES Study. <i>Environmental Health Perspectives</i> , 2018, 126, 117004.	6.0	77
25	Divergent Mechanisms Leading to Signaling Dysfunction in Embryonic Muscle by Bisphenol A and Tetrabromobisphenol A. <i>Molecular Pharmacology</i> , 2017, 91, 428-436.	2.3	15
26	Development of Tetramethylenedisulfotetramine (TETS) Hapten Library: Synthesis, Electrophysiological Studies, and Immune Response in Rabbits. <i>Chemistry - A European Journal</i> , 2017, 23, 8466-8472.	3.3	17
27	Calcium dysregulation and Cdk5-ATM pathway involved in a mouse model of fragile X-associated tremor/ataxia syndrome. <i>Human Molecular Genetics</i> , 2017, 26, 2649-2666.	2.9	50
28	Rapid Throughput Analysis of GABA _A Receptor Subtype Modulators and Blockers Using DiSBAC ₁ (3) Membrane Potential Red Dye. <i>Molecular Pharmacology</i> , 2017, 92, 88-99.	2.3	18
29	Ryanodine receptor and FK506 binding protein 1 in the Atlantic killifish (<i>Fundulus heteroclitus</i>): A phylogenetic and population-based comparison. <i>Aquatic Toxicology</i> , 2017, 192, 105-115.	4.0	13
30	Enantioselectivity of 2,2,3,5,6-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. <i>Environmental Science & Technology</i> , 2017, 51, 14406-14416.	10.0	33
31	Influence of tetramethylenedisulfotetramine on synchronous calcium oscillations at distinct developmental stages of hippocampal neuronal cultures. <i>NeuroToxicology</i> , 2017, 58, 11-22.	3.0	10
32	An Extended Structure-Activity Relationship of Nondioxin-Like PCBs Evaluates and Supports Modeling Predictions and Identifies Picomolar Potency of PCB 202 Towards Ryanodine Receptors. <i>Toxicological Sciences</i> , 2017, 155, 170-181.	3.1	42
33	Cumulative Impact of Polychlorinated Biphenyl and Large Chromosomal Duplications on DNA Methylation, Chromatin, and Expression of Autism Candidate Genes. <i>Cell Reports</i> , 2016, 17, 3035-3048.	6.4	69
34	In cellulo phosphorylation induces pharmacological reprogramming of maurocalcin, a cell-penetrating venom peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2460-8.	7.1	7
35	Models to identify treatments for the acute and persistent effects of seizure-inducing chemical threat agents. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 124-136.	3.8	24
36	Fragile X-Associated Tremor-Ataxia Syndrome: Linking Ca ²⁺ Dysregulation and DNA Damage Responses. <i>Biophysical Journal</i> , 2016, 110, 319a-320a.	0.5	0

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37	Detection of the Antimicrobial Triclosan in Environmental Samples by Immunoassay. <i>Environmental Science & Technology</i> , 2016, 50, 3754-3761.	10.0	21
38	Calcium Channel Dysfunction in a Mutant Mouse Model of Malignant Hyperthermia(CaV1.1 R174W). <i>Biophysical Journal</i> , 2015, 108, 504a.	0.5	0
39	Malignant Hyperthermia Susceptibility Mutation Cav1.1 R174W Dramatically Alters RyR1 Single Channel Function. <i>Biophysical Journal</i> , 2015, 108, 270a.	0.5	0
40	Na ⁺ /H ⁺ Exchange Blockers Reveal the Existence of a Skeletal Muscle Ca ²⁺ /H ⁺ Exchanger, which is Altered in Malignant Hyperthermia Muscle Cells. <i>Biophysical Journal</i> , 2015, 108, 504a.	0.5	0
41	Comparison of Electron Impact and Electron Capture Negative Ionization for the Quantification of Polybrominated Diphenyl Ethers in Human Plasma. , 2015, 05, .		0
42	Rapid Throughput Analysis Demonstrates that Chemicals with Distinct Seizurogenic Mechanisms Differentially Alter Ca ²⁺ Dynamics in Networks Formed by Hippocampal Neurons in Culture. <i>Molecular Pharmacology</i> , 2015, 87, 595-605.	2.3	29
43	Expression and function of ryanodine receptor related pathways in PCB tolerant Atlantic killifish (<i>Fundulus heteroclitus</i>) from New Bedford Harbor, MA, USA. <i>Aquatic Toxicology</i> , 2015, 159, 156-166.	4.0	14
44	Combined treatment with diazepam and allopregnanolone reverses tetramethylenedisulfotetramine (TETS)-induced calcium dysregulation in cultured neurons and protects TETS-intoxicated mice against lethal seizures. <i>Neuropharmacology</i> , 2015, 95, 332-342.	4.1	23
45	The Riluzole Derivative 2-Amino-6-trifluoromethylthio-benzothiazole (SKA-19), a Mixed KCa ₂ Activator and NaV Blocker, is a Potent Novel Anticonvulsant. <i>Neurotherapeutics</i> , 2015, 12, 234-249.	4.4	33
46	Nanomolar Bifenthrin Alters Synchronous Ca ²⁺ Oscillations and Cortical Neuron Development Independent of Sodium Channel Activity. <i>Molecular Pharmacology</i> , 2014, 85, 630-639.	2.3	41
47	PCB 136 Atropselectively Alters Morphometric and Functional Parameters of Neuronal Connectivity in Cultured Rat Hippocampal Neurons via Ryanodine Receptor-Dependent Mechanisms. <i>Toxicological Sciences</i> , 2014, 138, 379-392.	3.1	66
48	Ca ²⁺ Influx via the Na ⁺ /Ca ²⁺ Exchanger Is Enhanced in Malignant Hyperthermia Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2014, 289, 19180-19190.	3.4	26
49	Mouse models of the fragile X premutation and fragile X-associated tremor/ataxia syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 25.	3.1	57
50	Ca ²⁺ Influx Mediated by Reverse Mode of Na ⁺ /Ca ²⁺ Exchanger is Enhanced in Malignant Hyperthermia Skeletal Muscle. <i>Biophysical Journal</i> , 2014, 106, 125a.	0.5	0
51	Reduced excitatory amino acid transporter 1 and metabotropic glutamate receptor 5 expression in the cerebellum of fragile X mental retardation gene 1 premutation carriers with fragile X-associated tremor/ataxia syndrome. <i>Neurobiology of Aging</i> , 2014, 35, 1189-1197.	3.1	31
52	Chemical Uncoupling the DHPR-RyR1 Complex by Substituted Halogenated Biphenyls and Diphenylethers. <i>Biophysical Journal</i> , 2014, 106, 125a.	0.5	0
53	Phosphorylation of Maurocalcine Strongly Modifies its Effect on Type 1 Ryanodine Receptor. <i>Biophysical Journal</i> , 2014, 106, 110a.	0.5	0
54	Trophoblast Inclusions Are Significantly Increased in the Placentas of Children in Families at Risk for Autism. <i>Biological Psychiatry</i> , 2013, 74, 204-211.	1.3	77

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55	Identification of Expanded Alleles of the FMR1 Gene in the Childhood Autism Risks from Genes and Environment (CHARGE) Study. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 530-539.	2.7	12
56	Aryl hydrocarbon receptor signaling regulates NF- κ B RelB activation during dendritic cell differentiation. <i>Immunology and Cell Biology</i> , 2013, 91, 568-575.	2.3	92
57	Sarcolemmal Calcium Influx in Malignant Hyperthermia Susceptible Muscle. <i>Biophysical Journal</i> , 2013, 104, 202a-203a.	0.5	0
58	Simultaneous determination of polybrominated diphenyl ethers and polychlorinated biphenyls by gas chromatography-tandem mass spectrometry in human serum and plasma. <i>Talanta</i> , 2013, 113, 41-48.	5.5	39
59	Structure-activity relationship of non-coplanar polychlorinated biphenyls toward skeletal muscle ryanodine receptors in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2013, 140-141, 204-212.	4.0	26
60	Triclosan Impairs Swimming Behavior and Alters Expression of Excitation-Contraction Coupling Proteins in Fathead Minnow (<i>Pimephales promelas</i>). <i>Environmental Science & Technology</i> , 2013, 47, 2008-2017.	10.0	77
61	Structure-Activity Relationship of Selected Meta- and Para-Hydroxylated Non-Dioxin Like Polychlorinated Biphenyls: From Single RyR1 Channels to Muscle Dysfunction. <i>Toxicological Sciences</i> , 2013, 136, 500-513.	3.1	42
62	Global increases in both common and rare copy number load associated with autism. <i>Human Molecular Genetics</i> , 2013, 22, 2870-2880.	2.9	56
63	Nonspecific sarcolemmal cation channels are critical for the pathogenesis of malignant hyperthermia. <i>FASEB Journal</i> , 2013, 27, 991-1000.	0.5	79
64	Enhanced Asynchronous Ca ²⁺ Oscillations Associated with Impaired Glutamate Transport in Cortical Astrocytes Expressing Fmr1 Gene Premutation Expansion. <i>Journal of Biological Chemistry</i> , 2013, 288, 13831-13841.	3.4	43
65	Autism-specific maternal autoantibodies recognize critical proteins in developing brain. <i>Translational Psychiatry</i> , 2013, 3, e277-e277.	4.8	202
66	Tipping the Balance of Autism Risk: Potential Mechanisms Linking Pesticides and Autism. <i>Environmental Health Perspectives</i> , 2012, 120, 944-951.	6.0	133
67	PCB-95 Promotes Dendritic Growth via Ryanodine Receptor-Dependent Mechanisms. <i>Environmental Health Perspectives</i> , 2012, 120, 997-1002.	6.0	117
68	Gene Dose Influences Cellular and Calcium Channel Dysregulation in Heterozygous and Homozygous T4826I-RYR1 Malignant Hyperthermia-susceptible Muscle. <i>Journal of Biological Chemistry</i> , 2012, 287, 2863-2876.	3.4	30
69	Clustered burst firing in FMR1 premutation hippocampal neurons: amelioration with allopregnanolone. <i>Human Molecular Genetics</i> , 2012, 21, 2923-2935.	2.9	92
70	Mice expressing T4826I-RYR1 are viable but exhibit sex- and genotype-dependent susceptibility to malignant hyperthermia and muscle damage. <i>FASEB Journal</i> , 2012, 26, 1311-1322.	0.5	75
71	Malignant hyperthermia susceptibility arising from altered resting coupling between the skeletal muscle L-type Ca ²⁺ channel and the type 1 ryanodine receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7923-7928.	7.1	88
72	Tetramethylenedisulfotetramine Alters Ca ²⁺ Dynamics in Cultured Hippocampal Neurons: Mitigation by NMDA Receptor Blockade and GABAA Receptor-Positive Modulation. <i>Toxicological Sciences</i> , 2012, 130, 362-372.	3.1	42

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73	Reverse Mode of the Sodium Calcium Exchanger is Enhanced in Malignant Hyperthermia Susceptible Skeletal Muscle. <i>Biophysical Journal</i> , 2012, 102, 663a.	0.5	1
74	Maternal transfer of BDE-47 to offspring and neurobehavioral development in C57BL/6J mice. <i>Neurotoxicology and Teratology</i> , 2012, 34, 571-580.	2.4	45
75	Triclosan impairs excitation-contraction coupling and Ca ²⁺ dynamics in striated muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14158-14163.	7.1	139
76	Coordinated Regulation of Murine Cardiomyocyte Contractility by Nanomolar (âˆ“)Epigallocatechin-3-Gallate, the Major Green Tea Catechin. <i>Molecular Pharmacology</i> , 2012, 82, 993-1000.	2.3	29
77	Levels of select PCB and PBDE congeners in human postmortem brain reveal possible environmental involvement in 15q11-q13 duplication autism spectrum disorder. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 589-598.	2.2	138
78	Early mitochondrial abnormalities in hippocampal neurons cultured from <i>Fmr1</i> pre-mutation mouse model. <i>Journal of Neurochemistry</i> , 2012, 123, 613-621.	3.9	70
79	Maternal autism-associated IgG antibodies delay development and produce anxiety in a mouse gestational transfer model. <i>Journal of Neuroimmunology</i> , 2012, 252, 56-65.	2.3	61
80	Lack of Evidence for Neonatal Misoprostol Neurodevelopmental Toxicity in C57BL6/J Mice. <i>PLoS ONE</i> , 2012, 7, e38911.	2.5	2
81	PCB-95 Modulates the Calcium-Dependent Signaling Pathway Responsible for Activity-Dependent Dendritic Growth. <i>Environmental Health Perspectives</i> , 2012, 120, 1003-1009.	6.0	116
82	Long-lived epigenetic interactions between perinatal PBDE exposure and <i>Mecp2308</i> mutation. <i>Human Molecular Genetics</i> , 2012, 21, 2399-2411.	2.9	104
83	Signaling defects in iPSC-derived fragile X pre-mutation neurons. <i>Human Molecular Genetics</i> , 2012, 21, 3795-3805.	2.9	129
84	Behavioral Correlates of Maternal Antibody Status Among Children with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 1435-1445.	2.7	91
85	Acute Hippocampal Slice Preparation and Hippocampal Slice Cultures. <i>Methods in Molecular Biology</i> , 2011, 758, 115-134.	0.9	51
86	Elevated plasma cytokines in autism spectrum disorders provide evidence of immune dysfunction and are associated with impaired behavioral outcome. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 40-45.	4.1	704
87	Altered T cell responses in children with autism. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 840-849.	4.1	217
88	Perinatal exposure to environmental polychlorinated biphenyls sensitizes hippocampus to excitotoxicity ex vivo. <i>NeuroToxicology</i> , 2011, 32, 981-985.	3.0	15
89	Channelopathies: Summary of the hot topic keynotes session. <i>NeuroToxicology</i> , 2011, 32, 661-665.	3.0	3
90	Bioaccumulation and behavioral effects of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) in perinatally exposed mice. <i>Neurotoxicology and Teratology</i> , 2011, 33, 393-404.	2.4	69

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91	Associations of impaired behaviors with elevated plasma chemokines in autism spectrum disorders. <i>Journal of Neuroimmunology</i> , 2011, 232, 196-199.	2.3	235
92	<i>MAOA</i> , <i>DBH</i> , and <i>SLC6A4</i> variants in CHARGE: a case-control study of autism spectrum disorders. <i>Autism Research</i> , 2011, 4, 250-261.	3.8	42
93	Correlations of Gene Expression with Blood Lead Levels in Children with Autism Compared to Typically Developing Controls. <i>Neurotoxicity Research</i> , 2011, 19, 1-13.	2.7	60
94	Correlations Between Gene Expression and Mercury Levels in Blood of Boys With and Without Autism. <i>Neurotoxicity Research</i> , 2011, 19, 31-48.	2.7	57
95	Polybrominated diphenyl ethers in relation to autism and developmental delay: a case-control study. <i>Environmental Health</i> , 2011, 10, 1.	4.0	115
96	Caffeine intake and risk of neural tube defects: Author response to correspondence. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 68-68.	1.6	1
97	Premutation CGG-repeat expansion of the <i>Fmr1</i> gene impairs mouse neocortical development. <i>Human Molecular Genetics</i> , 2011, 20, 64-79.	2.9	67
98	Orthograde dihydropyridine receptor signal regulates ryanodine receptor passive leak. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7046-7051.	7.1	46
99	Basal Bioenergetic Abnormalities in Skeletal Muscle from Ryanodine Receptor Malignant Hyperthermia-susceptible R163C Knock-in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 99-113.	3.4	41
100	Functional and Biochemical Properties of Ryanodine Receptor Type 1 Channels from Heterozygous R163C Malignant Hyperthermia-Susceptible Mice. <i>Molecular Pharmacology</i> , 2011, 79, 420-431.	2.3	40
101	<i>Para</i> and <i>Ortho</i> -Substitutions Are Key Determinants of Polybrominated Diphenyl Ether Activity toward Ryanodine Receptors and Neurotoxicity. <i>Environmental Health Perspectives</i> , 2011, 119, 519-526.	6.0	73
102	Minding the calcium store: Ryanodine receptor activation as a convergent mechanism of PCB toxicity. , 2010, 125, 260-285.		205
103	Green tea catechins are potent sensitizers of ryanodine receptor type 1 (RyR1). <i>Biochemical Pharmacology</i> , 2010, 80, 512-521.	4.4	22
104	Epilepsy in autism spectrum disorders. <i>Epilepsia</i> , 2010, 51, 78-78.	5.1	3
105	A malignant hyperthermia-inducing mutation in RYR1 (R163C): alterations in Ca ²⁺ entry, release, and retrograde signaling to the DHPR. <i>Journal of General Physiology</i> , 2010, 135, 619-628.	1.9	43
106	Mitochondrial Dysfunction in Autism. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 2389.	7.4	380
107	A malignant hyperthermia-inducing mutation in RYR1 (R163C): consequent alterations in the functional properties of DHPR channels. <i>Journal of General Physiology</i> , 2010, 135, 629-640.	1.9	25
108	RyR1-mediated Ca ²⁺ Leak and Ca ²⁺ Entry Determine Resting Intracellular Ca ²⁺ in Skeletal Myotubes. <i>Journal of Biological Chemistry</i> , 2010, 285, 13781-13787.	3.4	44

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109	Murine hippocampal neurons expressing Fmr1 gene premutations show early developmental deficits and late degeneration. <i>Human Molecular Genetics</i> , 2010, 19, 196-208.	2.9	143
110	Ablation of Skeletal Muscle Triadin Impairs FKBP12/RyR1 Channel Interactions Essential for Maintaining Resting Cytoplasmic Ca ²⁺ . <i>Journal of Biological Chemistry</i> , 2010, 285, 38453-38462.	3.4	20
111	Reply to RÅos: Cell Boundary Theorem and Ca ²⁺ Fluxes in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2010, 285, le14.	3.4	2
112	Blood Mercury Concentrations in CHARGE Study Children with and without Autism. <i>Environmental Health Perspectives</i> , 2010, 118, 161-166.	6.0	104
113	Mice Expressing Heterozygous and Homozygous RyR1-T4826I Mutation Reveal Gender-Dependent Phenotypic Penetrance to MH Triggering Agents and Altered Temperature Regulation Following Glucose Challenge. <i>Biophysical Journal</i> , 2010, 98, 512a.	0.5	0
114	Reactive Cysteines of Ryanodine Receptor Type 1 Influence Function and Response to Oxidative Stress. <i>Biophysical Journal</i> , 2010, 98, 304a.	0.5	0
115	Enhanced RyR1 Channel Activity by the Knock-In Mouse that Expresses Human Malignant Hyperthermia Mutation T4826I. <i>Biophysical Journal</i> , 2010, 98, 511a.	0.5	1
116	The Leak State of the RyR1 is Regulated by RyR1/DHPR Interaction, Controlling the Cytosolic Free-Ca ²⁺ Concentration and the SR Ca ²⁺ Content at Rest. <i>Biophysical Journal</i> , 2010, 98, 510a.	0.5	0
117	Triclosan Uncouples Excitation-Contraction Coupling in Skeletal Myotubes Without Blocking RyR1. <i>Biophysical Journal</i> , 2010, 98, 304a.	0.5	0
118	PBDEs in 2â~5 Year-Old Children from California and Associations with Diet and Indoor Environment. <i>Environmental Science & Technology</i> , 2010, 44, 2648-2653.	10.0	100
119	Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins. <i>NeuroToxicology</i> , 2010, 31, 399-402.	3.0	40
120	Dysregulation of Ca ²⁺ Entry and SR Calcium Leak are Responsible for Elevated Resting Free Ca ²⁺ in Triadin-Null Myotubes. <i>Biophysical Journal</i> , 2010, 98, 509a-510a.	0.5	0
121	Neuromuscular Disorders and Malignant Hyperthermia. , 2010, , 1171-1195.		17
122	Developmental Exposure to Polychlorinated Biphenyls Interferes with Experience-Dependent Dendritic Plasticity and Ryanodine Receptor Expression in Weanling Rats. <i>Environmental Health Perspectives</i> , 2009, 117, 426-435.	6.0	143
123	Ablation of triadin causes loss of cardiac Ca ²⁺ release units, impaired excitationâ€“contraction coupling, and cardiac arrhythmias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7636-7641.	7.1	135
124	The Skeletal L-type Ca ²⁺ Current Is a Major Contributor to Excitation-coupled Ca ²⁺ entry. <i>Journal of General Physiology</i> , 2009, 133, 79-91.	1.9	100
125	Coordinated Movement of Cytoplasmic and Transmembrane Domains of RyR1 upon Gating. <i>PLoS Biology</i> , 2009, 7, e1000085.	5.6	155
126	The Na ⁺ /Ca ²⁺ Exchange Inhibitor 2-(2-(4-(4-Nitrobenzyloxy)phenyl)ethyl)isothiourea Methanesulfonate (KB-R7943) Also Blocks Ryanodine Receptors Type 1 (RyR1) and Type 2 (RyR2) Channels. <i>Molecular Pharmacology</i> , 2009, 76, 560-568.	2.3	42

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127	Preliminary evidence of the in vitro effects of BDE-47 on innate immune responses in children with autism spectrum disorders. <i>Journal of Neuroimmunology</i> , 2009, 208, 130-135.	2.3	51
128	Excitatory and inhibitory synaptic transmission is differentially influenced by two ortho-substituted polychlorinated biphenyls in the hippocampal slice preparation. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 168-177.	2.8	33
129	Enantiomeric Specificity of (âˆ™)-2,2â€™,3,3â€™,6,6â€™-Hexachlorobiphenyl toward Ryanodine Receptor Types 1 and 2. <i>Chemical Research in Toxicology</i> , 2009, 22, 201-207.	3.3	77
130	Altered gene expression and function of peripheral blood natural killer cells in children with autism. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 124-133.	4.1	217
131	Increased IgG4 levels in children with autism disorder. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 389-395.	4.1	86
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