

# Aldrin V Gomes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7094389/publications.pdf>

Version: 2024-02-01

140  
papers

10,162  
citations

46918

47  
h-index

34900

98  
g-index

144  
all docs

144  
docs citations

144  
times ranked

20883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Stain-Free total protein staining is a superior loading control to $\beta$ -actin for Western blots. <i>Analytical Biochemistry</i> , 2013, 440, 186-188.	1.1	258
3	The necessity of and strategies for improving confidence in the accuracy of western blots. <i>Expert Review of Proteomics</i> , 2014, 11, 549-560.	1.3	200
4	Mutations in Troponin that cause HCM, DCM AND RCM: What can we learn about thin filament function?. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 882-892.	0.9	176
5	Mapping the Murine Cardiac 26S Proteasome Complexes. <i>Circulation Research</i> , 2006, 99, 362-371.	2.0	164
6	The Role of Troponins in Muscle Contraction. <i>IUBMB Life</i> , 2002, 54, 323-333.	1.5	149
7	Protein purification and analysis: next generation Western blotting techniques. <i>Expert Review of Proteomics</i> , 2017, 14, 1037-1053.	1.3	149
8	Transformative Impact of Proteomics on Cardiovascular Health and Disease. <i>Circulation</i> , 2015, 132, 852-872.	1.6	140
9	Regulation of Murine Cardiac 20S Proteasomes. <i>Circulation Research</i> , 2006, 99, 372-380.	2.0	132
10	Acute resistance exercise activates rapamycin-sensitive and -insensitive mechanisms that control translational activity and capacity in skeletal muscle. <i>Journal of Physiology</i> , 2016, 594, 453-468.	1.3	129
11	Proteomics, Metabolomics, and Immunomics on Microparticles Derived From Human Atherosclerotic Plaques. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 379-388.	5.1	125
12	NSAIDs and Cardiovascular Diseases: Role of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-25.	1.9	121
13	Cardiac Troponin T Isoforms Affect the $Ca^{2+}$ -Sensitivity and Inhibition of Force Development. <i>Journal of Biological Chemistry</i> , 2002, 277, 35341-35349.	1.6	118
14	Abnormal Contractile Function in Transgenic Mice Expressing a Familial Hypertrophic Cardiomyopathy-linked Troponin T (I79N) Mutation. <i>Journal of Biological Chemistry</i> , 2001, 276, 3743-3755.	1.6	115
15	A Common Feature of Pesticides: Oxidative Stress—The Role of Oxidative Stress in Pesticide-Induced Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-31.	1.9	112
16	Loss of ABCG1 Results in Chronic Pulmonary Inflammation. <i>Journal of Immunology</i> , 2008, 180, 3560-3568.	0.4	107
17	Mammalian Proteasome Subpopulations with Distinct Molecular Compositions and Proteolytic Activities. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2021-2031.	2.5	106
18	Mutations in Human Cardiac Troponin I That Are Associated with Restrictive Cardiomyopathy Affect Basal ATPase Activity and the Calcium Sensitivity of Force Development. <i>Journal of Biological Chemistry</i> , 2005, 280, 30909-30915.	1.6	101

#	ARTICLE	IF	CITATIONS
19	Molecular and Cellular Aspects of Troponin Cardiomyopathies. <i>Annals of the New York Academy of Sciences</i> , 2004, 1015, 214-224.	1.8	100
20	Familial Hypertrophic Cardiomyopathy Mutations in the Regulatory Light Chains of Myosin Affect Their Structure, Ca <sup>2+</sup> -Binding, and Phosphorylation. <i>Journal of Biological Chemistry</i> , 2001, 276, 7086-7092.	1.6	99
21	Upregulation of proteasome activity in muscle RING finger 1 <sup>Δ</sup> mice following denervation. <i>FASEB Journal</i> , 2012, 26, 2986-2999.	0.2	98
22	Nrf2 deficiency prevents reductive stress-induced hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2013, 100, 63-73.	1.8	86
23	Functional Analysis of a Troponin I (R145G) Mutation Associated with Familial Hypertrophic Cardiomyopathy. <i>Journal of Biological Chemistry</i> , 2002, 277, 11670-11678.	1.6	80
24	Contrasting Proteome Biology and Functional Heterogeneity of the 20 S Proteasome Complexes in Mammalian Tissues. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 302-315.	2.5	79
25	Regulation of cardiac proteasomes by ubiquitination, SUMOylation, and beyond. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 71, 32-42.	0.9	79
26	Western Blotting Inaccuracies with Unverified Antibodies: Need for a Western Blotting Minimal Reporting Standard (WBMRS). <i>PLoS ONE</i> , 2015, 10, e0135392.	1.1	79
27	Western Blotting Using In-Gel Protein Labeling as a Normalization Control: Stain-Free Technology. <i>Methods in Molecular Biology</i> , 2015, 1295, 381-391.	0.4	79
28	Myocardial Ischemic Preconditioning Preserves Postischemic Function of the 26S Proteasome Through Diminished Oxidative Damage to 19S Regulatory Particle Subunits. <i>Circulation Research</i> , 2010, 106, 1829-1838.	2.0	78
29	Cardiac Troponin T Isoforms Affect the Ca <sup>2+</sup> Sensitivity of Force Development in the Presence of Slow Skeletal Troponin I. <i>Journal of Biological Chemistry</i> , 2004, 279, 49579-49587.	1.6	75
30	Proteomic and metabolomic analysis of cardioprotection: Interplay between protein kinase C epsilon and delta in regulating glucose metabolism of murine hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 268-277.	0.9	75
31	Selective Degradation of Annexins by Chaperone-mediated Autophagy. <i>Journal of Biological Chemistry</i> , 2000, 275, 33329-33335.	1.6	72
32	Ponceau S waste: Ponceau S staining for total protein normalization. <i>Analytical Biochemistry</i> , 2019, 575, 44-53.	1.1	70
33	Malignant and benign mutations in familial cardiomyopathies: Insights into mutations linked to complex cardiovascular phenotypes. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 899-909.	0.9	69
34	Genetics of Proteasome Diseases. <i>Scientifica</i> , 2013, 2013, 1-30.	0.6	69
35	MicroRNAs in the regulation of cellular redox status and its implications in myocardial ischemia-reperfusion injury. <i>Redox Biology</i> , 2020, 36, 101607.	3.9	68
36	Nrf2 deficiency promotes apoptosis and impairs PAX7/MyoD expression in aging skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2014, 71, 402-414.	1.3	66

#	ARTICLE	IF	CITATIONS
37	Different Functional Properties of Troponin T Mutants That Cause Dilated Cardiomyopathy. <i>Journal of Biological Chemistry</i> , 2003, 278, 41670-41676.	1.6	62
38	A mutation in the N-terminus of Troponin I that is associated with hypertrophic cardiomyopathy affects the Ca-sensitivity, phosphorylation kinetics and proteolytic susceptibility of troponin. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 754-765.	0.9	62
39	Cellular and molecular aspects of familial hypertrophic cardiomyopathy caused by mutations in the cardiac troponin I gene. <i>Molecular and Cellular Biochemistry</i> , 2004, 263, 99-114.	1.4	60
40	Role of troponin T in disease. <i>Molecular and Cellular Biochemistry</i> , 2004, 263, 115-129.	1.4	60
41	Modulation of mitochondrial dysfunction and endoplasmic reticulum stress are key mechanisms for the wide-ranging actions of epoxy fatty acids and soluble epoxide hydrolase inhibitors. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 133, 68-78.	1.0	60
42	Characterization of Tescalcin, a Novel EF-Hand Protein with a Single Ca <sup>2+</sup> -Binding Site: A Metal-Binding Properties, Localization in Tissues and Cells, and Effect on Calcineurin. <i>Biochemistry</i> , 2003, 42, 14553-14565.	1.2	56
43	Determinants of Potency on $\hat{1}\pm$ -Conotoxin MII, a Peptide Antagonist of Neuronal Nicotinic Receptors. <i>Biochemistry</i> , 2004, 43, 2732-2737.	1.2	56
44	Functional Consequences of the Human Cardiac Troponin I Hypertrophic Cardiomyopathy Mutation R145G in Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 20484-20494.	1.6	54
45	Proteasome dysfunction in cardiomyopathies. <i>Journal of Physiology</i> , 2017, 595, 4051-4071.	1.3	54
46	Identification of the Immunoproteasome as a Novel Regulator of Skeletal Muscle Differentiation. <i>Molecular and Cellular Biology</i> , 2014, 34, 96-109.	1.1	52
47	$\hat{1}^2$ -adrenergic effects on cardiac myofilaments and contraction in an integrated rabbit ventricular myocyte model. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 81, 162-175.	0.9	52
48	PEST sequences in calmodulin-binding proteins. <i>Molecular and Cellular Biochemistry</i> , 1995, 149-150, 17-27.	1.4	50
49	Altered ubiquitin-proteasome signaling in right ventricular hypertrophy and failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H551-H562.	1.5	44
50	Diclofenac induces proteasome and mitochondrial dysfunction in murine cardiomyocytes and hearts. <i>International Journal of Cardiology</i> , 2016, 223, 923-935.	0.8	43
51	Effect of Calcium-Sensitizing Mutations on Calcium Binding and Exchange with Troponin C in Increasingly Complex Biochemical Systems. <i>Biochemistry</i> , 2010, 49, 1975-1984.	1.2	41
52	Loss of FHL1 induces an age-dependent skeletal muscle myopathy associated with myofibrillar and intermyofibrillar disorganization in mice. <i>Human Molecular Genetics</i> , 2014, 23, 209-225.	1.4	41
53	Protease activated receptors in cardiovascular function and disease. <i>Molecular and Cellular Biochemistry</i> , 2004, 263, 227-239.	1.4	33
54	Protein Degradation by the 26S Proteasome System in the Normal and Stressed Myocardium. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1677-1691.	2.5	33

#	ARTICLE	IF	CITATIONS
55	Spectroscopic Characterization of the Interaction between Calmodulin-Dependent Protein Kinase I and Calmodulin. <i>Archives of Biochemistry and Biophysics</i> , 2000, 379, 28-36.	1.4	32
56	Characterization of Troponin T Dilated Cardiomyopathy Mutations in the Fetal Troponin Isoform. <i>Journal of Biological Chemistry</i> , 2005, 280, 17584-17592.	1.6	32
57	Key Characteristics of Cardiovascular Toxicants. <i>Environmental Health Perspectives</i> , 2021, 129, 95001.	2.8	30
58	Structural Determinants for Phosphatidic Acid Regulation of Phospholipase C- $\beta$ 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 33087-33094.	1.6	29
59	Different effects of the nonsteroidal anti-inflammatory drugs meclufenamate sodium and naproxen sodium on proteasome activity in cardiac cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 94, 131-144.	0.9	28
60	Sarcomeric perturbations of myosin motors lead to dilated cardiomyopathy in genetically modified MYL2 mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2338-E2347.	3.3	28
61	The Murine Cardiac 26S Proteasome: An Organelle Awaiting Exploration. <i>Annals of the New York Academy of Sciences</i> , 2005, 1047, 197-207.	1.8	27
62	Proteomic Analysis of Hearts from Akita Mice Suggests That Increases in Soluble Epoxide Hydrolase and Antioxidative Programming Are Key Changes in Early Stages of Diabetic Cardiomyopathy. <i>Journal of Proteome Research</i> , 2013, 12, 3920-3933.	1.8	27
63	Regulation of ubiquitin-proteasome and autophagy pathways after acute LPS and epoxomicin administration in mice. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 166.	0.8	27
64	Proteolytic signals in the primary structure of annexins. <i>Molecular and Cellular Biochemistry</i> , 2002, 231, 1-7.	1.4	26
65	The Antibody Society's antibody validation webinar series. <i>MAbs</i> , 2020, 12, 1794421.	2.6	26
66	Crude and purified proteasome activity assays are affected by type of microplate. <i>Analytical Biochemistry</i> , 2014, 446, 44-52.	1.1	25
67	Hypercontractile mutant of ventricular myosin essential light chain leads to disruption of sarcomeric structure and function and results in restrictive cardiomyopathy in mice. <i>Cardiovascular Research</i> , 2017, 113, 1124-1136.	1.8	23
68	The Functional Properties of Human Slow Skeletal Troponin T Isoforms in Cardiac Muscle Regulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 37362-37370.	1.6	21
69	Cardioproteomics: advancing the discovery of signaling mechanisms involved in cardiovascular diseases. <i>American Journal of Cardiovascular Disease</i> , 2011, 1, 274-92.	0.5	21
70	Spectroscopic characterization of the calmodulin-binding and autoinhibitory domains of calcium/calmodulin-dependent protein kinase I. <i>Archives of Biochemistry and Biophysics</i> , 2004, 421, 192-206.	1.4	20
71	Pregnancy Is Associated with Decreased Cardiac Proteasome Activity and Oxidative Stress in Mice. <i>PLoS ONE</i> , 2012, 7, e48601.	1.1	20
72	The need for agriculture phenotyping: "Moving from genotype to phenotype". <i>Journal of Proteomics</i> , 2013, 93, 20-39.	1.2	20

#	ARTICLE	IF	CITATIONS
73	Soluble Epoxide Hydrolase Regulation of Lipid Mediators Limits Pain. <i>Neurotherapeutics</i> , 2020, 17, 900-916.	2.1	20
74	Gender-specific changes in energy metabolism and protein degradation as major pathways affected in livers of mice treated with ibuprofen. <i>Scientific Reports</i> , 2020, 10, 3386.	1.6	17
75	Improving the sensitivity of traditional Western blotting via Streptavidin containing Poly $\alpha$ -horseradish peroxidase (PolyHRP). <i>Electrophoresis</i> , 2019, 40, 1731-1739.	1.3	16
76	Cardiac proteasome activity in muscle ring finger-1 null mice at rest and following synthetic glucocorticoid treatment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E967-E977.	1.8	15
77	Soluble epoxide hydrolase inhibition alleviates neuropathy in Akita (Ins2 Akita) mice. <i>Behavioural Brain Research</i> , 2017, 326, 69-76.	1.2	15
78	Oral 15-Hydroxyeicosatetraenoic Acid Induces Pulmonary Hypertension in Mice by Triggering T Cell $\alpha$ -Dependent Endothelial Cell Apoptosis. <i>Hypertension</i> , 2020, 76, 985-996.	1.3	15
79	Major proteins of yam bean tubers. <i>Phytochemistry</i> , 1997, 46, 185-193.	1.4	12
80	Western Blotting Using In-Gel Protein Labeling as a Normalization Control: Advantages of Stain-Free Technology. <i>Methods in Molecular Biology</i> , 2021, 2261, 443-456.	0.4	12
81	The functional significance of the last 5 residues of the C-terminus of cardiac troponin I. <i>Archives of Biochemistry and Biophysics</i> , 2016, 601, 88-96.	1.4	11
82	Slow $\alpha$ -twitch skeletal muscle defects accompany cardiac dysfunction in transgenic mice with a mutation in the myosin regulatory light chain. <i>FASEB Journal</i> , 2019, 33, 3152-3166.	0.2	11
83	Delineation of Molecular Pathways Involved in Cardiomyopathies Caused by Troponin T Mutations. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1962-1981.	2.5	9
84	Chronic Diclofenac Exposure Increases Mitochondrial Oxidative Stress, Inflammatory Mediators, and Cardiac Dysfunction. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 25-37.	1.3	9
85	Influence of a constitutive increase in myofilament Ca $^{2+}$ -sensitivity on Ca $^{2+}$ -fluxes and contraction of mouse heart ventricular myocytes. <i>Archives of Biochemistry and Biophysics</i> , 2014, 552-553, 50-59.	1.4	8
86	Proteomic analysis of physiological versus pathological cardiac remodeling in animal models expressing mutations in myosin essential light chains. <i>Journal of Muscle Research and Cell Motility</i> , 2015, 36, 447-461.	0.9	8
87	Impaired proteostasis in senescent vascular endothelial cells: a perspective on estrogen and oxidative stress in the aging vasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H421-H429.	1.5	7
88	Protein phosphatases are pest containing proteins. <i>IUBMB Life</i> , 1997, 41, 65-73.	1.5	6
89	Redox Signaling and the Cardiovascular and Skeletal Muscle System. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-2.	1.9	6
90	Subnormothermic Perfusion in the Isolated Rat Liver Preserves the Antioxidant Glutathione and Enhances the Function of the Ubiquitin Proteasome System. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	6

#	ARTICLE	IF	CITATIONS
91	Amino Acid Changes at Arginine 204 of Troponin I Result in Increased Calcium Sensitivity of Force Development. <i>Frontiers in Physiology</i> , 2016, 7, 520.	1.3	5
92	Half of samples fail protein-blot tests. <i>Nature</i> , 2016, 529, 25-25.	13.7	5
93	Ibuprofen alters epoxide hydrolase activity and epoxy-oxylin metabolites associated with different metabolic pathways in murine livers. <i>Scientific Reports</i> , 2021, 11, 7042.	1.6	5
94	The evolutionarily conserved arginyltransferase 1 mediates a pVHL-independent oxygen-sensing pathway in mammalian cells. <i>Developmental Cell</i> , 2022, 57, 654-669.e9.	3.1	5
95	Correspondence. <i>BioEssays</i> , 1994, 16, 853-855.	1.2	4
96	The Miscommunicative Cardiac Cell: When Good Proteins Go Bad. <i>Annals of the New York Academy of Sciences</i> , 2005, 1047, 30-37.	1.8	4
97	Cardiomyopathies: Classification, Clinical Characterization, and Functional Phenotypes. <i>Biochemistry Research International</i> , 2012, 2012, 1-2.	1.5	4
98	Spatiotemporal Multi-Omicsâ€‘Derived Atlas of Calcific Aortic Valve Disease. <i>Circulation</i> , 2018, 138, 394-396.	1.6	4
99	Novel sorafenib-based structural analogues. <i>Anti-Cancer Drugs</i> , 2014, 25, 433-446.	0.7	3
100	Cost- and Time-Efficient Gel Electrophoresis for Mini-Gel Systems. <i>Analytical Biochemistry</i> , 1998, 260, 106-108.	1.1	2
101	Cardiac Troponin T Forms a Tetramer in Vitro. <i>Biochemistry</i> , 2008, 47, 1970-1976.	1.2	2
102	Effect of the Troponin I Restrictive Cardiomyopathy Mutation R145W on Protein Expression in Murine Murine Hearts. <i>Biophysical Journal</i> , 2013, 104, 312a.	0.2	2
103	How phosphorylated can it get? Cardiac myosin binding protein C phosphorylation in heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 108-110.	0.9	2
104	How to Design a Cardiovascular Proteomics Experiment. , 2016, , 33-57.		2
105	PEST sequences in calmodulin-binding proteins. , 1995, , 17-27.		2
106	Selective inactivation of the cardiac proteasomes occurs during ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S196-S197.	0.9	1
107	Proteasome Dysfunction in Troponin Related Cardiomyopathies. <i>Biophysical Journal</i> , 2009, 96, 372a.	0.2	1
108	Non-antigen processing immunoproteasomes in diabetic hearts?. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 1-4.	0.9	1

#	ARTICLE	IF	CITATIONS
109	Static and dynamic properties of the HCM myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 715-718.	0.9	1
110	The use of biophysical proteomic techniques in advancing our understanding of diseases. <i>Biophysical Reviews</i> , 2012, 4, 125-135.	1.5	1
111	Effect of Amino Acid Changes in a Troponin I FHC Hotspot on Protein:Protein Binding and Calcium Sensitivity of Force Development. <i>Biophysical Journal</i> , 2014, 106, 723a.	0.2	1
112	DEGRADATIVE SIGNALS IN THE ANNEXINS. <i>Biochemical Society Transactions</i> , 1996, 24, 629S-629S.	1.6	0
113	Proteasome heterogeneity in cardiac tissue. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S123.	0.9	0
114	Prognostic Value of Increase in Calcium-Sensitivity of Force Development in Troponin Mutations Causing Hypertrophic Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2007, 13, S93-S94.	0.7	0
115	Functional Properties of Slow Skeletal Troponin T Isoforms in Cardiac Muscle Regulation. <i>Biophysical Journal</i> , 2009, 96, 335a.	0.2	0
116	Effects of Human Cardiac Troponin T Mutations Associated with Cardiomyopathy. <i>Biophysical Journal</i> , 2010, 98, 352a.	0.2	0
117	Biophysical and Biochemical Studies of Human Slow Skeletal Troponin T Isoforms in Slow Skeletal Muscle. <i>Biophysical Journal</i> , 2010, 98, 352a.	0.2	0
118	Proteasome Activity is Reduced at the end of Pregnancy and Fully Restored to Non-Pregnant Levels One Week Postpartum in the Murine Heart. <i>Biophysical Journal</i> , 2010, 98, 717a.	0.2	0
119	Incorporation of the A31P Cardiac Myosin Binding Protein C Missense Mutation Into Feline Cardiac Sarcomeres. <i>Biophysical Journal</i> , 2010, 98, 554a.	0.2	0
120	Functional Effects of Two Troponin I Mutations Linked to Restrictive Cardiomyopathy. <i>Biophysical Journal</i> , 2010, 98, 357a-358a.	0.2	0
121	The Importance of Cell Lysis Methods in Measuring Proteasome Activity. <i>Biophysical Journal</i> , 2011, 100, 386a-387a.	0.2	0
122	Calmodulin Dependent Protein Kinase II (CaMKII) Interacts with and Phosphorylates Cardiac Troponin and Tropomyosin. <i>Biophysical Journal</i> , 2011, 100, 112a.	0.2	0
123	Functional Characterization of the Last 5 Residues of the C Terminus in Cardiac Troponin I. <i>Biophysical Journal</i> , 2011, 100, 113a.	0.2	0
124	Effect of Hypertrophic Cardiomyopathy Mutations on Protein-Protein Interactions in the Thin Filament. <i>Biophysical Journal</i> , 2011, 100, 114a.	0.2	0
125	Effects of Meclofenamate Sodium on Proteasome Activity in Cardiac Cells. <i>Biophysical Journal</i> , 2012, 102, 259a.	0.2	0
126	Dynamic Perturbations within the Ubiquitin Proteasome System in Diabetic Cardiomyopathy Associated with Type 1 Diabetes Mellitus. <i>Biophysical Journal</i> , 2012, 102, 355a.	0.2	0



#	ARTICLE	IF	CITATIONS
127	Proteomic Analysis of Akita Mice Reveals 9 Proteins Altered during Early Stages of Diabetic Cardiomyopathy. <i>Biophysical Journal</i> , 2013, 104, 313a-314a.	0.2	0
128	Effects of Cardiomyopathy-Related Troponin T Mutations on the Ubiquitin-Proteasome System. <i>Biophysical Journal</i> , 2013, 104, 187a-188a.	0.2	0
129	Meclofenamate Sodium, a Non-Steroidal Anti-Inflammatory Drug, Directly Interacts with the Proteasome and Causes Cell Death in H9c2 Cardiac Cells. <i>Biophysical Journal</i> , 2013, 104, 159a.	0.2	0
130	Effects of FHC-Related Troponin T Mutations on Proteasome Activity and Half-Life of Troponin T. <i>Biophysical Journal</i> , 2014, 106, 777a.	0.2	0
131	Dynamic regulation of the proteasome by systolic overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 1-3.	0.9	0
132	Development of Physiologic versus Pathologic Hypertrophy in Mouse Models Expressing Mutations in Myosin Essential Light Chain. <i>Biophysical Journal</i> , 2016, 110, 478a.	0.2	0
133	Synergizing Proteomic and Metabolomic Data to Study Cardiovascular Systems. , 2016, , 365-388.		0
134	Molecular Mechanisms Involved in Cardioskeletal Dysfunction Caused by Mutations in Myosin RLC Linked to Hypertrophic Cardiomyopathy. <i>Biophysical Journal</i> , 2017, 112, 558a.	0.2	0
135	Cardioskeletal Defects in R58Q-RLC Mouse Model of HCM. <i>Biophysical Journal</i> , 2018, 114, 315a.	0.2	0
136	Altered Signaling Pathways in Hearts of Ames Dwarf Mice. <i>Biophysical Journal</i> , 2018, 114, 501a.	0.2	0
137	Signaling Pathways Affected in Cardiac Cells by Ibuprofen. <i>Biophysical Journal</i> , 2018, 114, 139a.	0.2	0
138	Cation Signaling in Striated Muscle Contraction. <i>Advances in Muscle Research</i> , 2002, , 163-197.	0.4	0
139	Inhibitory Effect of Meclofenamate Sodium on Proteasome Activity in the Cardiac Cells and Reversal of its Effect by Antioxidants. <i>FASEB Journal</i> , 2015, 29, .	0.2	0
140	Gender Differences on the Effects of Ibuprofen on Proteasome Function in Mice Heart. <i>FASEB Journal</i> , 2018, 32, .	0.2	0