

# Stephen J P Pratt

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

251  
citations

1039880

9  
h-index

996849

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	SERCA1 overexpression minimizes skeletal muscle damage in dystrophic mouse models. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C699-C709.	2.1	55
2	The Mechanical Microenvironment in Breast Cancer. <i>Cancers</i> , 2020, 12, 1452.	1.7	32
3	Architecture of healthy and dystrophic muscles detected by optical coherence tomography. <i>Muscle and Nerve</i> , 2013, 47, 588-590.	1.0	23
4	Disruption of action potential and calcium signaling properties in malformed myofibers from dystrophin-deficient mice. <i>Physiological Reports</i> , 2015, 3, e12366.	0.7	21
5	Mechanoactivation of NOX2-generated ROS elicits persistent TRPM8 Ca <sup>2+</sup> signals that are inhibited by oncogenic KRas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26008-26019.	3.3	19
6	Calcium signaling: breast cancer's approach to manipulation of cellular circuitry. <i>Biophysical Reviews</i> , 2020, 12, 1343-1359.	1.5	16
7	Microtubule disruption reduces metastasis more effectively than primary tumor growth. <i>Breast Cancer Research</i> , 2022, 24, 13.	2.2	14
8	Imaging Analysis of the Neuromuscular Junction in Dystrophic Muscle. <i>Methods in Molecular Biology</i> , 2018, 1687, 57-72.	0.4	12
9	Partial thermal imidization of polyelectrolyte multilayer cell tethering surfaces (TetherChip) enables efficient cell capture and microtentacle fixation for circulating tumor cell analysis. <i>Lab on A Chip</i> , 2020, 20, 2872-2888.	3.1	12
10	Real-time scratch assay reveals mechanisms of early calcium signaling in breast cancer cells in response to wounding. <i>Oncotarget</i> , 2018, 9, 25008-25024.	0.8	11
11	The Activation of Protein Kinase A by the Calcium-Binding Protein S100A1 Is Independent of Cyclic AMP. <i>Biochemistry</i> , 2017, 56, 2328-2337.	1.2	10
12	Induced in vivo knockdown of the Brca1 gene in skeletal muscle results in skeletal muscle weakness. <i>Journal of Physiology</i> , 2019, 597, 869-887.	1.3	9
13	Site-Specific Targeting of Platelet-Rich Plasma via Superparamagnetic Nanoparticles. <i>Orthopaedic Journal of Sports Medicine</i> , 2015, 3, 232596711456618.	0.8	7
14	A method to test contractility of the supraspinatus muscle in mouse, rat, and rabbit. <i>Journal of Applied Physiology</i> , 2016, 120, 310-317.	1.2	7
15	Effects of myofiber isolation technique on sarcolemma biomechanics. <i>BioTechniques</i> , 2020, 69, 388-391.	0.8	3