

# Stephen J P Pratt

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	SERCA1 overexpression minimizes skeletal muscle damage in dystrophic mouse models. American Journal of Physiology - Cell Physiology, 2015, 308, C699-C709.	4.6	55
2	The Mechanical Microenvironment in Breast Cancer. Cancers, 2020, 12, 1452.	3.7	32
3	Architecture of healthy and dystrophic muscles detected by optical coherence tomography. Muscle and Nerve, 2013, 47, 588-590.	2.2	23
4	Disruption of action potential and calcium signaling properties in malformed myofibers from dystrophin-deficient mice. Physiological Reports, 2015, 3, e12366.	1.7	21
5	Mechanoactivation of NOX2-generated ROS elicits persistent TRPM8 $Ca^{2+}$ signals that are inhibited by oncogenic KRas. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26008-26019.	7.1	19
6	Calcium signaling: breast cancer's approach to manipulation of cellular circuitry. Biophysical Reviews, 2020, 12, 1343-1359.	3.2	16
7	Microtubule disruption reduces metastasis more effectively than primary tumor growth. Breast Cancer Research, 2022, 24, 13.	5.0	14
8	Imaging Analysis of the Neuromuscular Junction in Dystrophic Muscle. Methods in Molecular Biology, 2018, 1687, 57-72.	0.9	12
9	Partial thermal imidization of polyelectrolyte multilayer cell tethering surfaces (TetherChip) enables efficient cell capture and microtentacle fixation for circulating tumor cell analysis. Lab on A Chip, 2020, 20, 2872-2888.	6.0	12
10	Real-time scratch assay reveals mechanisms of early calcium signaling in breast cancer cells in response to wounding. Oncotarget, 2018, 9, 25008-25024.	1.8	11
11	The Activation of Protein Kinase A by the Calcium-Binding Protein S100A1 Is Independent of Cyclic AMP. Biochemistry, 2017, 56, 2328-2337.	2.5	10
12	Induced in vivo knockdown of the Brca1 gene in skeletal muscle results in skeletal muscle weakness. Journal of Physiology, 2019, 597, 869-887.	2.9	9
13	Site-Specific Targeting of Platelet-Rich Plasma via Superparamagnetic Nanoparticles. Orthopaedic Journal of Sports Medicine, 2015, 3, 232596711456618.	1.7	7
14	A method to test contractility of the supraspinatus muscle in mouse, rat, and rabbit. Journal of Applied Physiology, 2016, 120, 310-317.	2.5	7
15	Effects of myofiber isolation technique on sarcolemma biomechanics. BioTechniques, 2020, 69, 388-391.	1.8	3