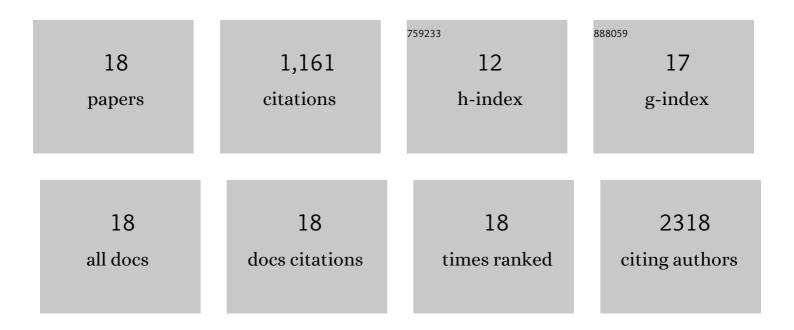
## **Evan H Phillips**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multimodality Imaging-Based Characterization of Regional Material Properties in a Murine Model of Aortic Dissection. Scientific Reports, 2020, 10, 9244.	3.3	20
2	Effects of Iliac Stenosis on Abdominal Aortic Aneurysm Formation in Mice and Humans. Journal of Vascular Research, 2019, 56, 217-229.	1.4	10
3	Molecular phenotyping and image-guided surgical treatment of melanoma using spectrally distinct ultrasmall core-shell silica nanoparticles. Science Advances, 2019, 5, eaax5208.	10.3	36
4	Melanocortin-1 Receptor-Targeting Ultrasmall Silica Nanoparticles for Dual-Modality Human Melanoma Imaging. ACS Applied Materials & Interfaces, 2018, 10, 4379-4393.	8.0	40
5	Angiotensin II Infusion Does Not Cause Abdominal Aortic Aneurysms in Apolipoprotein E-Deficient Rats. Journal of Vascular Research, 2018, 55, 1-12.	1.4	14
6	Early pathological characterization of murine dissecting abdominal aortic aneurysms. APL Bioengineering, 2018, 2, 046106.	6.2	12
7	Development and growth trends in angiotensin II-induced murine dissecting abdominal aortic aneurysms. Physiological Reports, 2018, 6, e13668.	1.7	9
8	Multi-Modality Imaging Enables Detailed Hemodynamic Simulations in Dissecting Aneurysms in Mice. IEEE Transactions on Medical Imaging, 2017, 36, 1297-1305.	8.9	36
9	<i>In Vivo</i> Multiscale and Spatially-Dependent Biomechanics Reveals Differential Strain Transfer Hierarchy in Skeletal Muscle. ACS Biomaterials Science and Engineering, 2017, 3, 2798-2805.	5.2	13
10	Cancer-Targeting Ultrasmall Silica Nanoparticles for Clinical Translation: Physicochemical Structure and Biological Property Correlations. Chemistry of Materials, 2017, 29, 8766-8779.	6.7	58
11	In vivo photoacoustic lipid imaging in mice using the second near-infrared window. Biomedical Optics Express, 2017, 8, 736.	2.9	36
12	Bond-selective photoacoustic imaging by converting molecular vibration into acoustic waves. Photoacoustics, 2016, 4, 11-21.	7.8	66
13	Labelâ€free <i>in vivo</i> imaging of peripheral nerve by multispectral photoacoustic tomography. Journal of Biophotonics, 2016, 9, 124-128.	2.3	29
14	Abstract 306: Murine Abdominal Aortic Aneurysms Demonstrate Heterogeneous Growth and Remodelling by High-frequency Ultrasound. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
15	Morphological and Biomechanical Differences in the Elastase and Angll <i>apoE</i> <sup><i>â^'/â'</i></sup> Rodent Models of Abdominal Aortic Aneurysms. BioMed Research International, 2015, 2015, 1-12.	1.9	38
16	Assessing carotid atherosclerosis by fiber-optic multispectral photoacoustic tomography. Proceedings of SPIE, 2015, , .	0.8	2
17	Clinical translation of an ultrasmall inorganic optical-PET imaging nanoparticle probe. Science Translational Medicine, 2014, 6, 260ra149.	12.4	589
18	Clinically-translated silica nanoparticles as dual-modality cancer-targeted probes for image-guided surgery and interventions. Integrative Biology (United Kingdom), 2013, 5, 74-86.	1.3	153