

# Evan H Phillips

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,161  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2318  
citing authors

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