

# Eric J Snider

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2535030/publications.pdf>

Version: 2024-02-01

21  
papers

214  
citations

1307594

7  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Stem Cell Delivery to the Trabecular Meshwork Using Magnetic Nanoparticles. Scientific Reports, 2018, 8, 12251.	3.3	37
2	Development of a stem cell tracking platform for ophthalmic applications using ultrasound and photoacoustic imaging. Theranostics, 2019, 9, 3812-3824.	10.0	37
3	Characterizing differences between MSCs and TM cells: Toward autologous stem cell therapies for the glaucomatous trabecular meshwork. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 695-704.	2.7	20
4	An image classification deep-learning algorithm for shrapnel detection from ultrasound images. Scientific Reports, 2022, 12, 8427.	3.3	18
5	Development of a Platform for Studying 3D Astrocyte Mechanobiology: Compression of Astrocytes in Collagen Gels. Annals of Biomedical Engineering, 2018, 46, 365-374.	2.5	14
6	A modified gelatin zymography technique incorporating total protein normalization. Analytical Biochemistry, 2017, 521, 8-10.	2.4	13
7	A Porcine Organ-Culture Glaucoma Model Mimicking Trabecular Meshwork Damage Using Oxidative Stress. , 2021, 62, 18.		10
8	Development and Characterization of a Benchtop Corneal Puncture Injury Model. Scientific Reports, 2020, 10, 4218.	3.3	8
9	Closed-Loop Controlled Fluid Administration Systems: A Comprehensive Scoping Review. Journal of Personalized Medicine, 2022, 12, 1168.	2.5	8
10	Comparison of Ultrasound Image Classifier Deep Learning Algorithms for Shrapnel Detection. Journal of Imaging, 2022, 8, 140.	3.0	7
11	Supervisory Algorithm for Autonomous Hemodynamic Management Systems. Sensors, 2022, 22, 529.	3.8	6
12	Development of the PhysioVessel: a customizable platform for simulating physiological fluid resuscitation. Biomedical Physics and Engineering Express, 2022, 8, 035017.	1.2	6
13	Evaluation of a Proportional-Integral-Derivative Controller for Hemorrhage Resuscitation Using a Hardware-in-Loop Test Platform. Journal of Personalized Medicine, 2022, 12, 979.	2.5	6
14	Photoacoustic properties of anterior ocular tissues. Journal of Biomedical Optics, 2019, 24, 1.	2.6	5
15	Development of a Modular Tissue Phantom for Evaluating Vascular Access Devices. Bioengineering, 2022, 9, 319.	3.5	5
16	Assessment of Commercial Off-the-Shelf Tissue Adhesives for Sealing Military-Relevant Corneal Perforation Injuries. Military Medicine, 2022, 187, e1346-e1353.	0.8	4
17	An Open-Globe Porcine Injury Platform for Assessing Therapeutics and Characterizing Biological Effects. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2020, 86, e98.	1.1	4
18	Characterization of an anterior segment organ culture model for open globe injuries. Scientific Reports, 2021, 11, 8546.	3.3	3

#	ARTICLE	IF	CITATIONS
19	A flexible, robust microbead-based assay for quantification and normalization of target protein concentrations. <i>Analytical Biochemistry</i> , 2020, 590, 113510.	2.4	2
20	Development and Characterization of a Self-Tightening Tourniquet System. <i>Sensors</i> , 2022, 22, 1122.	3.8	1
21	Anterior Segment Organ Culture Platform for Tracking Open Globe Injuries and Therapeutic Performance. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0