

Eric J Snider

List of Publications by Year in descending order

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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	Assessment of Commercial Off-the-Shelf Tissue Adhesives for Sealing Military-Relevant Corneal Perforation Injuries. <i>Military Medicine</i> , 2022, 187, e1346-e1353.	0.8	4
2	Supervisory Algorithm for Autonomous Hemodynamic Management Systems. <i>Sensors</i> , 2022, 22, 529.	3.8	6
3	Development and Characterization of a Self-Tightening Tourniquet System. <i>Sensors</i> , 2022, 22, 1122.	3.8	1
4	Development of the PhysioVessel: a customizable platform for simulating physiological fluid resuscitation. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 035017.	1.2	6
5	An image classification deep-learning algorithm for shrapnel detection from ultrasound images. <i>Scientific Reports</i> , 2022, 12, 8427.	3.3	18
6	Comparison of Ultrasound Image Classifier Deep Learning Algorithms for Shrapnel Detection. <i>Journal of Imaging</i> , 2022, 8, 140.	3.0	7
7	Evaluation of a Proportional-Integral-Derivative Controller for Hemorrhage Resuscitation Using a Hardware-in-Loop Test Platform. <i>Journal of Personalized Medicine</i> , 2022, 12, 979.	2.5	6
8	Closed-Loop Controlled Fluid Administration Systems: A Comprehensive Scoping Review. <i>Journal of Personalized Medicine</i> , 2022, 12, 1168.	2.5	8
9	Development of a Modular Tissue Phantom for Evaluating Vascular Access Devices. <i>Bioengineering</i> , 2022, 9, 319.	3.5	5
10	A Porcine Organ-Culture Glaucoma Model Mimicking Trabecular Meshwork Damage Using Oxidative Stress. , 2021, 62, 18.		10
11	Characterization of an anterior segment organ culture model for open globe injuries. <i>Scientific Reports</i> , 2021, 11, 8546.	3.3	3
12	Anterior Segment Organ Culture Platform for Tracking Open Globe Injuries and Therapeutic Performance. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
13	A flexible, robust microbead-based assay for quantification and normalization of target protein concentrations. <i>Analytical Biochemistry</i> , 2020, 590, 113510.	2.4	2
14	Development and Characterization of a Benchtop Corneal Puncture Injury Model. <i>Scientific Reports</i> , 2020, 10, 4218.	3.3	8
15	An Open-Globe Porcine Injury Platform for Assessing Therapeutics and Characterizing Biological Effects. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2020, 86, e98.	1.1	4
16	Development of a stem cell tracking platform for ophthalmic applications using ultrasound and photoacoustic imaging. <i>Theranostics</i> , 2019, 9, 3812-3824.	10.0	37
17	Photoacoustic properties of anterior ocular tissues. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	5
18	Characterizing differences between MSCs and TM cells: Toward autologous stem cell therapies for the glaucomatous trabecular meshwork. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 695-704.	2.7	20

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19	Development of a Platform for Studying 3D Astrocyte Mechanobiology: Compression of Astrocytes in Collagen Gels. <i>Annals of Biomedical Engineering</i> , 2018, 46, 365-374.	2.5	14
20	Improving Stem Cell Delivery to the Trabecular Meshwork Using Magnetic Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 12251.	3.3	37
21	A modified gelatin zymography technique incorporating total protein normalization. <i>Analytical Biochemistry</i> , 2017, 521, 8-10.	2.4	13