

Devin R Berg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2966315/publications.pdf>

Version: 2024-02-01

30
papers

417
citations

1684188

5
h-index

1281871

11
g-index

54
all docs

54
docs citations

54
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel 3D Ring-Based Flapper Valve for Soft Robotic Applications. <i>Robotics</i> , 2022, 11, 2.	3.5	0
2	Design and Preliminary Testing of a Continuum Assistive Robotic Manipulator. <i>Robotics</i> , 2019, 8, 84.	3.5	4
3	Issues of Privilege in University Service-Learning. <i>International Journal for Service Learning in Engineering</i> , 2019, 14, 1-13.	0.4	0
4	The case for openness in engineering research. <i>F1000Research</i> , 2018, 7, 501.	1.6	1
5	The principles of tomorrow's university. <i>F1000Research</i> , 2018, 7, 1926.	1.6	6
6	The case for openness in engineering research. <i>F1000Research</i> , 2018, 7, 501.	1.6	3
7	A multi-disciplinary perspective on emergent and future innovations in peer review. <i>F1000Research</i> , 2017, 6, 1151.	1.6	62
8	A multi-disciplinary perspective on emergent and future innovations in peer review. <i>F1000Research</i> , 2017, 6, 1151.	1.6	134
9	Achieving Dexterous Manipulation for Minimally Invasive Surgical Robots Through the Use of Hydraulics. , 2012, , .		4
10	Determination of Surgical Robot Tool Force Requirements Through Tissue Manipulation and Suture Force Measurement. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2011, 5, .	0.7	3
11	Low-cost, take-home, beating heart simulator for health-care education. <i>Studies in Health Technology and Informatics</i> , 2011, 163, 57-9.	0.3	1
12	Analysis of C1, C2, and C10 through C33 particle-phase and semi-volatile organic compound emissions from heavy-duty diesel engines. <i>Atmospheric Environment</i> , 2010, 44, 1108-1115.	4.1	50
13	A Study on the Emissions of Chemical Species from Heavy-Duty Diesel Engines and the Effects of Modern Aftertreatment Technology. , 2009, , .		2
14	Precision, repeatability and accuracy of Optotrak[®] optical motion tracking systems. <i>International Journal of Experimental and Computational Biomechanics</i> , 2009, 1, 114.	0.4	39
15	Comparative Analysis on the Effects of Diesel Particulate Filter and Selective Catalytic Reduction Systems on a Wide Spectrum of Chemical Species Emissions. <i>Environmental Science & Technology</i> , 2008, 42, 6080-6085.	10.0	68
16	Comparative Study on Various Methods for Measuring Engine Particulate Matter Emissions. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 1, 1313-1319.	0.2	0
17	Detailed Effects of a Diesel Particulate Filter on the Reduction of Chemical Species Emissions. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 1, 184-191.	0.2	10
18	Use of a Rube Goldberg Design Project for Engineering Dynamics. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 0, 6, 1151.	1.6	14
20	[Editorial] Open Publishing in Engineering. PubPub, 0, , .	0.0	3
21	Board # 74 : Assistive Technology for Freshman Design and K-12 Outreach. , 0, , .		0
22	Board # 85 : Exploring, Documenting, and Improving Humanitarian Service Learning through Engineers Without Borders USA. , 0, , .		0
23	Challenges and Opportunities in International Service Learning. , 0, , .		1
24	Board 19: Impacts of Engineering Justice Curriculum: A Survey of Student Attitudes. , 0, , .		0
25	Global Engineering Projects from the Young African Leaders Initiative. , 0, , .		3
26	The Relationship Between Class Size and Active Twitter Participation in the Engineering Classroom. , 0, , .		0
27	Outcomes of Using an Infinitely Explorable Online Learning System. , 0, , .		0
28	Student Perceptions of First-year Engineering Justice Curriculum. , 0, , .		0
29	Evaluation of Student Learning Outcomes Due to Self-Guided Engineering Analysis of Surroundings. , 0, , .		0
30	Generating Interest in Technology and Medical Devices Through an Interactive Educational Game. , 0, , .		0