

# 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 multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	1.6	134
2	Comparative Analysis on the Effects of Diesel Particulate Filter and Selective Catalytic Reduction Systems on a Wide Spectrum of Chemical Species Emissions. Environmental Science & Technology, 2008, 42, 6080-6085.	10.0	68
3	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 2017, 6, 1151.	1.6	62
4	Analysis of C1, C2, and C10 through C33 particle-phase and semi-volatile organic compound emissions from heavy-duty diesel engines. Atmospheric Environment, 2010, 44, 1108-1115.	4.1	50
5	Precision, repeatability and accuracy of Optotrak&lt;sup align=right>®&lt;/sup> optical motion tracking systems. International Journal of Experimental and Computational Biomechanics, 2009, 1, 114.	0.4	39
6	A multi-disciplinary perspective on emergent and future innovations in peer review. F1000Research, 0, 6, 1151.	1.6	14
7	Detailed Effects of a Diesel Particulate Filter on the Reduction of Chemical Species Emissions. SAE International Journal of Fuels and Lubricants, 0, 1, 184-191.	0.2	10
8	The principles of tomorrow's university. F1000Research, 2018, 7, 1926.	1.6	6
9	Achieving Dexterous Manipulation for Minimally Invasive Surgical Robots Through the Use of Hydraulics. , 2012, , .		4
10	Design and Preliminary Testing of a Continuum Assistive Robotic Manipulator. Robotics, 2019, 8, 84.	3.5	4
11	Determination of Surgical Robot Tool Force Requirements Through Tissue Manipulation and Suture Force Measurement. Journal of Medical Devices, Transactions of the ASME, 2011, 5, .	0.7	3
12	[Editorial] Open Publishing in Engineering. PubPub, 0, , .	0.0	3
13	The case for openness in engineering research. F1000Research, 2018, 7, 501.	1.6	3
14	Global Engineering Projects from the Young African Leaders Initiative. , 0, , .		3
15	A Study on the Emissions of Chemical Species from Heavy-Duty Diesel Engines and the Effects of Modern Aftertreatment Technology. , 2009, , .		2
16	The case for openness in engineering research. F1000Research, 2018, 7, 501.	1.6	1
17	Challenges and Opportunities in International Service Learning. , 0, , .		1
18	Low-cost, take-home, beating heart simulator for health-care education. Studies in Health Technology and Informatics, 2011, 163, 57-9.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Comparative Study on Various Methods for Measuring Engine Particulate Matter Emissions. SAE International Journal of Fuels and Lubricants, 0, 1, 1313-1319.	0.2	0
20	Use of a Rube Goldberg Design Project for Engineering Dynamics. , 0, , .		0
21	Issues of Privilege in University Service-Learning. International Journal for Service Learning in Engineering, 2019, 14, 1-13.	0.4	0
22	Board # 74 : Assistive Technology for Freshman Design and K-12 Outreach. , 0, , .		0
23	Board # 85 : Exploring, Documenting, and Improving Humanitarian Service Learning through Engineers Without Borders USA. , 0, , .		0
24	Board 19: Impacts of Engineering Justice Curriculum: A Survey of Student Attitudes. , 0, , .		0
25	A Novel 3D Ring-Based Flapper Valve for Soft Robotic Applications. Robotics, 2022, 11, 2.	3.5	0
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