

# Diane Ebert-May

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7271351/publications.pdf>

Version: 2024-02-01

28  
papers

2,473  
citations

567281

15  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental influences and individual characteristics that affect learner-centered teaching practices. PLoS ONE, 2021, 16, e0250760.	2.5	12
2	Early-career faculty practice learner-centered teaching up to 9 years after postdoctoral professional development. Science Advances, 2020, 6, eaba2091.	10.3	16
3	Shrub expansion and alpine plant community change: 40-year record from Niwot Ridge, Colorado. Plant Ecology and Diversity, 2019, 12, 407-416.	2.4	19
4	Studying Professional Development as Part of the Complex Ecosystem of STEM Higher Education. Innovative Higher Education, 2019, 44, 469-479.	2.5	10
5	4 DEE â€”What's Next? Designing Instruction and Assessing Student Learning. Bulletin of the Ecological Society of America, 2019, 100, e01552.	0.2	6
6	Using authentic science in climate change education. Applied Environmental Education and Communication, 2019, 18, 350-381.	1.1	2
7	Evaluating the extent of a large-scale transformation in gateway science courses. Science Advances, 2018, 4, eaau0554.	10.3	42
8	A Problem-Sorting Task Detects Changes in Undergraduate Biological Expertise over a Single Semester. CBE Life Sciences Education, 2017, 16, ar21.	2.3	6
9	Driving Course Changes with Assessments â€” Data that Reveal Student Thinking. Journal of Food Science Education, 2017, 16, 45-48.	1.0	1
10	Characterizing College Science Assessments: The Three-Dimensional Learning Assessment Protocol. PLoS ONE, 2016, 11, e0162333.	2.5	159
11	Assessing faculty professional development in STEM higher education: Sustainability of outcomes. Science Advances, 2016, 2, e1501422.	10.3	64
12	Model-based reasoning to foster environmental and socio-scientific literacy in higher education. Journal of Environmental Studies and Sciences, 2016, 6, 287-294.	2.0	8
13	Functional mismatch in a bumble bee pollination mutualism under climate change. Science, 2015, 349, 1541-1544.	12.6	181
14	Challenge faculty to transform STEM learning. Science, 2015, 350, 281-282.	12.6	108
15	Breaking the Cycle: Future Faculty Begin Teaching with Learner-Centered Strategies after Professional Development. CBE Life Sciences Education, 2015, 14, ar22.	2.3	82
16	Seeing the Forest and the Trees: Research on Plant Science Teaching and Learning. CBE Life Sciences Education, 2014, 13, 361-362.	2.3	8
17	Teaching Assistant Professional Development in Biology: Designed for and Driven by Multidimensional Data. CBE Life Sciences Education, 2014, 13, 212-223.	2.3	35
18	FAST-Future Academic Scholars in Teaching: A High-Engagement Development Program for Future STEM Faculty. Innovative Higher Education, 2014, 39, 93-107.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Fostering ecoliteracy through model-based instruction. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 138-139.	4.0	20
20	The Other Half of the Story: Effect Size Analysis in Quantitative Research. <i>CBE Life Sciences Education</i> , 2013, 12, 345-351.	2.3	331
21	What We Say Is Not What We Do: Effective Evaluation of Faculty Professional Development Programs. <i>BioScience</i> , 2011, 61, 550-558.	4.9	259
22	Just the Facts? Introductory Undergraduate Biology Courses Focus on Low-Level Cognitive Skills. <i>CBE Life Sciences Education</i> , 2010, 9, 435-440.	2.3	184
23	An assessment database for supporting educational research. , 2009, , .		2
24	Summer Institute to Improve University Science Teaching. <i>Science</i> , 2009, 324, 470-471.	12.6	117
25	Catching the new wave of teaching. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 445-446.	4.0	2
26	FIRST-What's Next?. <i>CBE Life Sciences Education</i> , 2006, 5, 27-28.	2.3	6
27	RESPONSE:Re: The Use of a Knowledge Survey as an Indicator of Student Learning in an Introductory Biology Course. <i>CBE Life Sciences Education</i> , 2006, 5, 315-316.	2.3	1
28	EDUCATION: Scientific Teaching. <i>Science</i> , 2004, 304, 521-522.	12.6	773