Katerina Thompson

List of Publications by Year
in descending order

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34	736	516710 16	552781 26
papers	citations	h-index	g-index

34	34	34	601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring the implementation of student-centered teaching strategies in lower- and upper-division STEM courses. Journal of Geoscience Education, 2021, 69, 342-356.	1.4	9
2	Distinct factors predict use of active learning techniques by pre-tenure and tenured STEM faculty. Journal of Geoscience Education, 2021, 69, 357-372.	1.4	4
3	Building Community-Based Approaches to Systemic Reform in Mathematical Biology Education. Bulletin of Mathematical Biology, 2020, 82, 109.	1.9	11
4	Exploring the Values Undergraduate Students Attribute to Cross-disciplinary Skills Needed for the Workplace: an Analysis of Five STEM Disciplines. Journal of Science Education and Technology, 2019, 28, 452-469.	3.9	22
5	Male rutting calls synchronize reproduction in Serengeti wildebeest. Scientific Reports, 2018, 8, 10202.	3.3	2
6	Using a Concept Inventory to Reveal Student Thinking Associated with Common Misconceptions about Antibiotic Resistance. Journal of Microbiology and Biology Education, 2017, 18, .	1.0	8
7	Enhancing Scientific Literacy in the Undergraduate Cell Biology Laboratory Classroom. Journal of Microbiology and Biology Education, 2016, 17, 458-465.	1.0	8
8	Validation and Application of the Survey of Teaching Beliefs and Practices for Undergraduates (STEP-U): Identifying Factors Associated with Valuing Important Workplace Skills among Biology Students. CBE Life Sciences Education, 2016, 15, ar59.	2.3	9
9	Modelling and simulation: helping students acquire this skill using a Stock and Flow approach with MathBench. Letters in Biomathematics, 2015, 2, 1-12.	0.1	2
10	Building Interest and Engagement Through Enrichment Activities. , 2015, , 19-53.		0
11	A Discipline-Based Teaching and Learning Center. , 2015, , .		14
12	Evaluating the Effectiveness of a Teaching and Learning Center. , 2015, , 185-221.		2
13	Preparing Graduate Students for Their Teaching Responsibilities. , 2015, , 115-183.		0
14	Consultation for Individuals and Groups of Faculty. , 2015, , 89-113.		0
15	Are all hands-on activities equally effective? Effect of using plastic models, organ dissections, and virtual dissections on student learning and perceptions. American Journal of Physiology - Advances in Physiology Education, 2014, 38, 80-86.	1.6	67
16	NEXUS/Physics: An interdisciplinary repurposing of physics for biologists. American Journal of Physics, 2014, 82, 368-377.	0.7	71
17	Competency-Based Reforms of the Undergraduate Biology Curriculum: Integrating the Physical and Biological Sciences. CBE Life Sciences Education, 2013, 12, 162-169.	2.3	35
18	Infusing quantitative approaches throughout the biological sciences curriculum. International Journal of Mathematical Education in Science and Technology, 2013, 44, 817-833.	1.4	24

#	Article	IF	Citations
19	Development and Evaluation of a Prep Course for Chemistry Graduate Teaching Assistants at a Research University. Journal of Chemical Education, 2012, 89, 865-872.	2.3	67
20	A Model for Using a Concept Inventory as a Tool for Students' Assessment and Faculty Professional Development. CBE Life Sciences Education, 2010, 9, 408-416.	2.3	44
21	Online Interactive Teaching Modules Enhance Quantitative Proficiency of Introductory Biology Students. CBE Life Sciences Education, 2010, 9, 277-283.	2.3	38
22	Toward Integration: From Quantitative Biology to Mathbio-Biomath?. CBE Life Sciences Education, 2010, 9, 165-171.	2.3	20
23	A Faculty Team Works to Create Content Linkages among Various Courses to Increase Meaningful Learning of Targeted Concepts of Microbiology. CBE Life Sciences Education, 2007, 6, 155-162.	2.3	37
24	STRATEGIES FOR INCREASING MINORITIES IN THE SCIENCES: A UNIVERSITY OF MARYLAND, COLLEGE PARK, MODEL. Journal of Women and Minorities in Science and Engineering, 2003, 9, 159-168.	0.8	13
25	Synchronization of oestrous cycles in sable antelope. Animal Reproduction Science, 1999, 57, 185-197.	1.5	20
26	Spatial integration in infant sable antelope,Hippotragus niger. Animal Behaviour, 1998, 56, 1005-1014.	1.9	6
27	Characterization of Estrous Cyclicity in the Sable Antelope(Hippotragus niger)through Fecal Progestagen Monitoring. General and Comparative Endocrinology, 1998, 112, 129-137.	1.8	40
28	Play-partner preferences and the function of social play in infant sable antelope,Hippotragus niger. Animal Behaviour, 1996, 52, 1143-1155.	1.9	46
29	Maternal strategies in sable antelope,Hippotragus niger: Factors affecting variability in maternal retrieval of hiding calves. Zoo Biology, 1996, 15, 555-564.	1.2	8
30	Factors affecting pair compatibility in captive kangaroo rats,Dipodomys heermanni. Zoo Biology, 1995, 14, 317-330.	1.2	21
31	Flehmen and birth synchrony among female sable antelope,Hippotragus niger. Animal Behaviour, 1995, 50, 475-484.	1.9	30
32	Ontogeny of Flehmen in Sable Antelope, Hippotragus niger. Ethology, 1995, 101, 213-221.	1.1	1
33	Aggressive behavior and dominance hierarchies in female sable antelope,Hippotragus niger: Implications for captive management. Zoo Biology, 1993, 12, 189-202.	1.2	43
34	Flehmen and social dominance in captive female sable antelope, Hippotragus niger. Applied Animal Behaviour Science, 1991, 29, 121-133.	1.9	14