

Katerina Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

736
citations

516710

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552781

26
g-index

34
all docs

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docs citations

34
times ranked

601
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | NEXUS/Physics: An interdisciplinary repurposing of physics for biologists. American Journal of Physics, 2014, 82, 368-377. | 0.7 | 71 |
| 2 | 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 |
| 3 | 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 |
| 4 | Play-partner preferences and the function of social play in infant sable antelope, Hippotragus niger. Animal Behaviour, 1996, 52, 1143-1155. | 1.9 | 46 |
| 5 | 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 |
| 6 | Aggressive behavior and dominance hierarchies in female sable antelope, Hippotragus niger: Implications for captive management. Zoo Biology, 1993, 12, 189-202. | 1.2 | 43 |
| 7 | Characterization of Estrous Cyclicity in the Sable Antelope (Hippotragus niger) through Fecal Progesterone Monitoring. General and Comparative Endocrinology, 1998, 112, 129-137. | 1.8 | 40 |
| 8 | Online Interactive Teaching Modules Enhance Quantitative Proficiency of Introductory Biology Students. CBE Life Sciences Education, 2010, 9, 277-283. | 2.3 | 38 |
| 9 | 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 |
| 10 | 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 |
| 11 | Flehmen and birth synchrony among female sable antelope, Hippotragus niger. Animal Behaviour, 1995, 50, 475-484. | 1.9 | 30 |
| 12 | Infusing quantitative approaches throughout the biological sciences curriculum. International Journal of Mathematical Education in Science and Technology, 2013, 44, 817-833. | 1.4 | 24 |
| 13 | 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 |
| 14 | Factors affecting pair compatibility in captive kangaroo rats, Dipodomys heermanni. Zoo Biology, 1995, 14, 317-330. | 1.2 | 21 |
| 15 | Synchronization of oestrous cycles in sable antelope. Animal Reproduction Science, 1999, 57, 185-197. | 1.5 | 20 |
| 16 | Toward Integration: From Quantitative Biology to Mathbio-Biomath?. CBE Life Sciences Education, 2010, 9, 165-171. | 2.3 | 20 |
| 17 | Flehmen and social dominance in captive female sable antelope, Hippotragus niger. Applied Animal Behaviour Science, 1991, 29, 121-133. | 1.9 | 14 |
| 18 | A Discipline-Based Teaching and Learning Center. , 2015, , . | | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | STRATEGIES FOR INCREASING MINORITIES IN THE SCIENCES: A UNIVERSITY OF MARYLAND, COLLEGE PARK, MODEL. <i>Journal of Women and Minorities in Science and Engineering</i> , 2003, 9, 159-168. | 0.8 | 13 |
| 20 | Building Community-Based Approaches to Systemic Reform in Mathematical Biology Education. <i>Bulletin of Mathematical Biology</i> , 2020, 82, 109. | 1.9 | 11 |
| 21 | 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. <i>CBE Life Sciences Education</i> , 2016, 15, ar59. | 2.3 | 9 |
| 22 | Measuring the implementation of student-centered teaching strategies in lower- and upper-division STEM courses. <i>Journal of Geoscience Education</i> , 2021, 69, 342-356. | 1.4 | 9 |
| 23 | Maternal strategies in sable antelope, <i>Hippotragus niger</i> : Factors affecting variability in maternal retrieval of hiding calves. <i>Zoo Biology</i> , 1996, 15, 555-564. | 1.2 | 8 |
| 24 | Enhancing Scientific Literacy in the Undergraduate Cell Biology Laboratory Classroom. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 458-465. | 1.0 | 8 |
| 25 | Using a Concept Inventory to Reveal Student Thinking Associated with Common Misconceptions about Antibiotic Resistance. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, . | 1.0 | 8 |
| 26 | Spatial integration in infant sable antelope, <i>Hippotragus niger</i> . <i>Animal Behaviour</i> , 1998, 56, 1005-1014. | 1.9 | 6 |
| 27 | Distinct factors predict use of active learning techniques by pre-tenure and tenured STEM faculty. <i>Journal of Geoscience Education</i> , 2021, 69, 357-372. | 1.4 | 4 |
| 28 | Modelling and simulation: helping students acquire this skill using a Stock and Flow approach with MathBench. <i>Letters in Biomathematics</i> , 2015, 2, 1-12. | 0.1 | 2 |
| 29 | Male rutting calls synchronize reproduction in Serengeti wildebeest. <i>Scientific Reports</i> , 2018, 8, 10202. | 3.3 | 2 |
| 30 | Evaluating the Effectiveness of a Teaching and Learning Center. , 2015, , 185-221. | | 2 |
| 31 | Ontogeny of Flehmen in Sable Antelope, <i>Hippotragus niger</i> . <i>Ethology</i> , 1995, 101, 213-221. | 1.1 | 1 |
| 32 | Building Interest and Engagement Through Enrichment Activities. , 2015, , 19-53. | | 0 |
| 33 | Preparing Graduate Students for Their Teaching Responsibilities. , 2015, , 115-183. | | 0 |
| 34 | Consultation for Individuals and Groups of Faculty. , 2015, , 89-113. | | 0 |