

Active learning increases student performance in science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Transforming the "Real" First-Year Experience. , 0, , 126-154.		1
2	How Do You Like Your Course - Blended or Flipped?: A Preliminary Comparison. , 2015, , 26.853.1.		0
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6	What Makes an Undergraduate Course Impactful? An Examination of Students' Perceptions of Instructional Environments. , 2015, , 26.1727.1.		0
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1299	Stimulating Curiosity in STEM Higher Education: Connecting Practices and Purposes Through ePortfolios. , 2019, , 77-98.		0
1300	The utility and benefit of a newly established postgraduate training course in surgical exposures for orthopedic and trauma surgery. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1673-1680.	1.3	5
1301	Developing an Active Approach to Chemistry-Based Group Theory. <i>ACS Symposium Series</i> , 2019, , 213-237.	0.5	1
1302	Controls of CO ₂ -N ₂ gas flood ratios on enhanced shale gas recovery and ultimate CO ₂ sequestration. <i>Journal of Petroleum Science and Engineering</i> , 2019, 179, 1037-1045.	2.1	41
1303	Articulation of regional headquarters in the Industrial University of Santander for a unified basic cycle of engineering. <i>Journal of Physics: Conference Series</i> , 2019, 1161, 012003.	0.3	0
1304	The use of active learning strategies in healthcare colleges in the Middle East. <i>BMC Medical Education</i> , 2019, 19, 143.	1.0	19
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1307	Assessment of Professional Development and Research-Based Instructional Strategies for Instructors of Online Undergraduate STEM Courses. <i>International Journal of Online Pedagogy and Course Design</i> , 2019, 9, 51-61.	0.3	3
1308	Encouraging Student Motivation Through Gamification in Engineering Education. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 204-211.	0.5	5
1309	Active Learning. , 2019, , 61-72.		8
1310	Meta-analysis of the impact of Augmented Reality on studentsâ€™ learning gains. <i>Educational Research Review</i> , 2019, 27, 244-260.	4.1	200
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1312	Mobile Technologies and Applications for the Internet of Things. <i>Advances in Intelligent Systems and Computing</i> , 2019, , .	0.5	0
1313	Active Learning Strategy Using Mobile Technologies. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 359-367.	0.5	0
1314	Using role-play to teach novice writers the expectations of journal editors and reviewers. <i>English for Specific Purposes</i> , 2019, 55, 1-11.	1.2	4
1315	Concussion Bingo: Taking an active learning approach to concussion education with vulnerable populations. <i>Health Education Journal</i> , 2019, 78, 315-327.	0.6	7
1316	Diverging from the Dogma: A Call to Train Creative Thinkers in Science. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01463.	0.2	0
1317	Class Size, Course Spacing, and Academic Outcomes. <i>Eastern Economic Journal</i> , 2019, 45, 301-320.	0.5	4
1318	Integrating 3D Visualisation Technologies in Undergraduate Anatomy Education. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1120, 39-53.	0.8	41
1319	The Inquiry-Oriented Instructional Measure. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 2019, 5, 183-204.	1.3	15
1320	Digital assessment â€“ how does it challenge local practices and national law? A Norwegian case study. <i>European Journal of Higher Education</i> , 2019, 9, 219-231.	1.6	24
1321	Lecturing. , 2019, , 109-119.		0
1322	Blended Moduleâ€Based Teaching in Biostatistics and Research Methodology: A Retrospective Study with Postgraduate Dental Students. <i>Journal of Dental Education</i> , 2019, 83, 445-450.	0.7	145
1323	Writing on the wall: How the use of technology can open dialogical spaces in lectures. <i>Thinking Skills and Creativity</i> , 2019, 34, 100559.	1.9	13

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1325	Enhancing Nursing Education Through Affordable and Realistic Holographic Mixed Reality: The Virtual Standardized Patient for Clinical Simulation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1120, 1-13.	0.8	24
1326	Knowing how and knowing when: unpacking public understanding of atmospheric CO2 accumulation. <i>Climatic Change</i> , 2019, 154, 49-67.	1.7	3
1327	Social influences of interest: Conceptualizing group differences in education through a self-regulation of motivation model. <i>Group Processes and Intergroup Relations</i> , 2019, 22, 330-355.	2.4	8
1328	DIY productive failure: boosting performance in a large undergraduate biology course. <i>Npj Science of Learning</i> , 2019, 4, 1.	1.5	42
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1330	Universal Design for Learning in postsecondary STEM education for students with disabilities: a systematic literature review. <i>International Journal of STEM Education</i> , 2019, 6, .	2.7	48
1331	<i>Analytics of Learning Strategies. , 2019, , .</i>		76
1332	Contributions of Neuroscience Knowledge to Teachers and Their Practice. <i>Neuroscientist</i> , 2019, 25, 394-407.	2.6	37
1333	Collaborative Learning Exercises for Teaching Protein Mass Spectrometry. <i>Journal of Chemical Education</i> , 2019, 96, 905-911.	1.1	10
1334	Using a Partially Flipped Learning Model To Teach First Year Undergraduate Chemistry. <i>Journal of Chemical Education</i> , 2019, 96, 629-639.	1.1	56
1335	Exploring Nutraceuticals to Enhance Scientific Literacy: Aligning with Vision and Change. <i>American Biology Teacher</i> , 2019, 81, 176-185.	0.1	0
1336	Analyzing the use of adaptive learning in a flipped classroom for preclass learning. <i>Computer Applications in Engineering Education</i> , 2019, 27, 663-678.	2.2	23
1337	<i>Utilizing Learning Analytics to Map Students' Self-Reported Study Strategies to Click Behaviors in STEM Courses. , 2019, , .</i>		12
1338	Collaborative learning in economics: Do group characteristics matter?. <i>International Review of Economics Education</i> , 2019, 31, 100159.	0.9	5
1339	<i>Frequency of Instructor- and Student-Centered Teaching Practices in Introductory CS Courses. , 2019, , .</i>		13
1340	Classroom as Genome: Using the Tools of Genomics and Bioinformatics to Illuminate Classroom Observation Data. <i>CBE Life Sciences Education</i> , 2019, 18, es1.	1.1	4
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1343	An Important and Timely Field. , 2019, , 1-8.		6
1344	The History of Computing Education Research. , 2019, , 11-39.		26
1345	Computing Education Research Today. , 2019, , 40-55.		5
1346	Computing Education Literature Review and Voices from the Field. , 2019, , 56-78.		10
1347	A Study Design Process. , 2019, , 81-101.		1
1349	Inferential Statistics. , 2019, , 133-172.		2
1350	Qualitative Methods for Computing Education. , 2019, , 173-207.		9
1351	Learning Sciences for Computing Education. , 2019, , 208-230.		17
1352	Higher Education Pedagogy. , 2019, , 276-291.		4
1353	Engineering Education Research. , 2019, , 292-322.		4
1354	Novice Programmers and Introductory Programming. , 2019, , 327-376.		60
1355	Programming Paradigms and Beyond. , 2019, , 377-413.		31
1356	Assessment and Plagiarism. , 2019, , 414-444.		6
1357	Pedagogic Approaches. , 2019, , 445-480.		13
1358	Equity and Diversity. , 2019, , 481-510.		10
1359	Computational Thinking. , 2019, , 513-546.		24
1360	Schools (Kâ€“12). , 2019, , 547-583.		5

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1361	Computing for Other Disciplines. , 2019, , 584-605.		4
1362	New Programming Paradigms. , 2019, , 606-636.		1
1363	Tools and Environments. , 2019, , 639-662.		11
1364	Tangible Computing. , 2019, , 663-678.		35
1365	Leveraging the Integrated Development Environment for Learning Analytics. , 2019, , 679-706.		7
1366	Teacher Learning and Professional Development. , 2019, , 727-748.		1
1367	Learning Outside the Classroom. , 2019, , 749-772.		6
1368	Student Knowledge and Misconceptions. , 2019, , 773-800.		1
1369	Students As Teachers and Communicators. , 2019, , 827-858.		5
1370	A Case Study of Peer Instruction. , 2019, , 861-874.		3
1371	A Case Study of Qualitative Methods. , 2019, , 875-894.		0
1373	Motivated Memory. , 2019, , 517-546.		3
1374	To teach or not to teach the conceptual structure of mathematics? Teachers undervalue the potential of Principle-Oriented explanations. Contemporary Educational Psychology, 2019, 58, 175-185.	1.6	14
1375	Nitrogen Fixation: Fixing the Gap between Concept- & Evidence-Based Learning with Legume Biology. American Biology Teacher, 2019, 81, 250-255.	0.1	1
1376	Using Deliberative Pedagogy as a Tool for Critical Thinking and Career Preparation Among Undergraduate Public Health Students. Frontiers in Public Health, 2019, 7, 37.	1.3	11
1377	A Public Health Service-Learning Capstone: Ideal for Students, Academia and Community. Frontiers in Public Health, 2019, 7, 10.	1.3	21
1378	Are we preparing future doctors to deal with emotionally challenging situations? Analysis of a medical curriculum. Patient Education and Counseling, 2019, 102, 1304-1312.	1.0	5
1379	Transition to active learning in rural Nepal: an adaptable and scalable curriculum development model. BMC Medical Education, 2019, 19, 61.	1.0	4

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1381	Do Experiences With Nature Promote Learning? Converging Evidence of a Cause-and-Effect Relationship. <i>Frontiers in Psychology</i> , 2019, 10, 305.	1.1	187
1382	Delirium: Medical Studentsâ€™ Knowledge and Effectiveness of Different Teaching Methods. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 737-744.	0.6	10
1383	Combining novel research and community-engaged learning in an undergraduate physiology laboratory course. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 110-120.	0.8	8
1384	Blended Learning Designs in STEM Higher Education. , 2019, , .		11
1385	Success with EASE: Who benefits from a STEM learning community?. <i>PLoS ONE</i> , 2019, 14, e0213827.	1.1	30
1386	Under threat but engaged: Stereotype threat leads women to engage with female but not male partners in math. <i>Contemporary Educational Psychology</i> , 2019, 58, 243-259.	1.6	16
1387	Instructional Practices in Developmental Mathematics: A Multilevel Analysis of Community College Student Perceptions. <i>Journal of College Reading and Learning</i> , 2019, 49, 35-52.	0.4	3
1388	Active learning pedagogy: Structuring the pre-instruction assignment. <i>Journal of Physics: Conference Series</i> , 2019, 1161, 012002.	0.3	1
1389	Engaging Quiet Students in the College Classroom. <i>College Teaching</i> , 2019, 67, 130-137.	0.3	14
1390	Immersive, interactive virtual field trips promote science learning. <i>Journal of Geoscience Education</i> , 2019, 67, 131-142.	0.8	80
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1392	A framework for hands-on learning in chemical engineering educationâ€™ Training students with the end goal in mind. <i>Education for Chemical Engineers</i> , 2019, 28, 25-29.	2.8	23
1393	Learning to do: Facilitating practice in a large introductory macroeconomics class. <i>Journal of Economic Education</i> , 2019, 50, 142-156.	0.8	4
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1396	Using Analytics to Support Instructor Reflection on Student Participation in a Discourse-Focused Undergraduate Mathematics Classroom. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 2019, 5, 56-74.	1.3	9
1397	Chemistry experiment training for science high school teachers toward active learning approach. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0

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1400	Learners'™ Experience Towards E-Assessment Tools: A Comparative Study on Virtual Reality and Moodle Quiz. International Journal of Emerging Technologies in Learning, 2019, 14, 34.	0.8	18
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1403	Reprint of: Motivational active learning: An integrated approach to teaching and learning process control. Education for Chemical Engineers, 2019, 26, 8-13.	2.8	14
1404	Evaluating the appropriateness of AccessMedicine in integrated biochemistry learning for chinese medical students. Biochemistry and Molecular Biology Education, 2019, 47, 272-278.	0.5	1
1405	Process-oriented Guided-inquiry Learning at Jackson State University and Tuskegee University. Diversity in Higher Education, 2019, , 265-289.	0.1	0
1406	Analyzing gene expression in sea star eggs and embryos using bioinformatics. Methods in Cell Biology, 2019, 150, 471-483.	0.5	1
1407	Commentary: Innovation in the Biochemistry/Molecular Biology Laboratory. Biochemistry and Molecular Biology Education, 2019, 47, 219-219.	0.5	0
1408	Collection-Based Education by Distance and Face to Face: Learning Outcomes and Academic Dishonesty. Journal of Science Education and Technology, 2019, 28, 414-428.	2.4	12
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1410	Teaching the health impacts of climate change in many American higher education programs. International Journal of Sustainability in Higher Education, 2019, 20, 39-56.	1.6	9
1411	Harnessing Commodity Wearable Devices to Capture Learner Engagement. IEEE Access, 2019, 7, 15749-15757.	2.6	4
1412	Synthesis of Green Fluorescent Protein Chromophore Analogues for Interdisciplinary Learning for High School Students. Journal of Chemical Education, 2019, 96, 503-507.	1.1	1
1413	The nature of science as a foundation for fostering a better understanding of evolution. Evolution: Education and Outreach, 2019, 12, .	0.3	22
1414	Cognitive Sciences for Computing Education. , 2019, , 231-275.		22
1415	Teacher Knowledge for Inclusive Computing Learning. , 2019, , 709-726.		6

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1417	A Project Based Learning (PBL) Approach Involving PET Recycling in Chemical Engineering Education. Recycling, 2019, 4, 10.	2.3	9
1418	Catalyze! Lowering the Activation Barriers to Undergraduate Students' Success in Chemistry: A Board Game for Teaching Assistants. Journal of Chemical Education, 2019, 96, 511-517.	1.1	14
1419	The adoption of student-centered teaching materials as a professional development experience for college faculty. International Journal of Science Education, 2019, 41, 693-711.	1.0	12
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1422	Active learning in engineering education. A review of fundamentals, best practices and experiences. International Journal on Interactive Design and Manufacturing, 2019, 13, 909-922.	1.3	108
1423	Iron on the Prize: Inquiry Approaches in Undergraduate Mathematics. International Journal of Research in Undergraduate Mathematics Education, 2019, 5, 129-146.	1.3	125
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1425	A Robotic Assistant using Speech Recognition to Create Appointments and Provide Reminders. , 2019, , .		3
1426	Exploring students' learning efficacy. European Journal of Training and Development, 2019, ahead-of-print, .	1.2	3
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1428	Enhancing Course Objectives for a Sophomore Electronic Devices Class via Peer-Led Team Learning (PLTL) Model and Attached Projects. , 2019, , .		0
1429	Recharting the history of economic thought: approaches to and student experiences of the introduction of pluralist teaching in an undergraduate economics curriculum. International Journal of Pluralism and Economics Education, 2019, 10, 137.	0.0	1
1430	Fostering an Environment for All Students to Succeed in Computer Science: Integrating Culturally Responsive Pedagogies with Curricula Redesign. , 2019, , 97-114.		0
1431	Progressive Use of Active Learning in Electrical Engineering Courses. , 0, , .		8
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1433	Management of students' motivation in business schools: a test of an indigenous model. International Journal of Management Concepts and Philosophy, 2019, 12, 117.	0.1	2

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1435	A Course Transformation to Support First-Year Chemistry Education for Engineering Students. ACS Symposium Series, 2019, , 153-169.	0.5	1
1436	Culturally Responsive Computational Science through Research Experience in Core-curriculum Courses. , 2019, , 135-151.		2
1437	Active learning for the promotion of studentsâ€™ creativity and critical thinking. Archnet-IJAR, 2019, 13, 386-407.	0.8	18
1438	The green formula for international chemistry education. , 2019, , 205-228.		1
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1442	Improving Student Engagement and Performance in Computing Final Year Projects. , 2019, , .		1
1443	The STEM Faculty Instructional Barriers and Identity Survey (FIBIS): development and exploratory results. International Journal of STEM Education, 2019, 6, .	2.7	35
1444	Board 75: Instructor Use of Movable Furniture and Technology in Flexible Classroom Spaces. , 0, , .		1
1445	Instilling innovativeness, building character, and enforcing camaraderie through interest-driven challenge-based learning approach. Research and Practice in Technology Enhanced Learning, 2019, 14, .	1.9	6
1446	TangiNet: A Tangible User Interface System for Teaching the Properties of Network Cables. , 2019, , .		1
1447	Developing a Student Feedback System using a Design-Based Research Approach. , 2019, , .		2
1448	A Case Study in Constructivist Pedagogy in a Computer Organization Course. , 2019, , .		1
1449	Advancing Adoption of Active Learning Pedagogy via New Avenues of Research and Training. , 2019, , .		1
1450	Does the Format of Preclass Reading Quizzes Matter? An Evaluation of Traditional and Gamified, Adaptive Preclass Reading Quizzes. CBE Life Sciences Education, 2019, 18, ar52.	1.1	11
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1453	Improving Academic Performance, Belonging, and Retention through Increasing Structure of an Introductory Biology Course. CBE Life Sciences Education, 2019, 18, ar53.	1.1	36

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1456	Engineering Faculty's Mindset: An Analysis of Instructional Practice, Learning Environment, and Teacher Authenticity. , 2019, , .		1
1457	Tertiary Anatomy and Physiology, A Barrier for Student Success. <i>International Journal of Higher Education</i> , 2019, 9, 289.	0.2	7
1458	Low-Cost Active Learning Benefits for Introductory Computer Science Courses. , 2019, , .		2
1459	Second-chance Testing Course Policies and Student Behavior. , 2019, , .		5
1460	Engaging Students with Flipped Classrooms and Course-Based Undergraduate Research Experiences. <i>ACS Symposium Series</i> , 2019, , 21-47.	0.5	14
1462	Developing Interactive Educational Songs for Introductory Statistics. <i>Journal of Statistics Education</i> , 2019, 27, 238-252.	1.4	10
1463	Large-Scale, Team-Based Curriculum Transformation and Student Engagement in General Chemistry I and II. <i>ACS Symposium Series</i> , 2019, , 113-134.	0.5	0
1464	Targeting the Achievement Gap: Strategies Toward Removing Inequities in Undergraduate Immunology Education. <i>Frontiers in Immunology</i> , 2019, 10, 2906.	2.2	7
1465	Preventing Mole Concepts and Stoichiometry from Becoming "Gatekeepers" in First Year Chemistry Courses. <i>ACS Symposium Series</i> , 2019, , 121-136.	0.5	5
1466	Adaptation and Assessment of a Gradual Release of Responsibility Model for a Large-Enrollment General Chemistry Course. <i>ACS Symposium Series</i> , 2019, , 137-146.	0.5	0
1467	Effectiveness of in-class active learning activities and video-recorded lectures for Computer Science courses. , 2019, , .		0
1468	Evaluation of the Young Deadly Free Peer Education Training Program: Early Results, Methodological Challenges, and Learnings for Future Evaluations. <i>Frontiers in Public Health</i> , 2019, 7, .	1.3	5
1469	Changing Students' Perception of Mathematics Through Active Learning. <i>International Journal of Education</i> , 2019, 11, 29.	0.1	0
1470	The Impact of Technology-Assisted "Scaffolding" on Student Learning in General Chemistry. <i>ACS Symposium Series</i> , 2019, , 233-245.	0.5	1
1471	The Next Generation Digital Learning Environment for Chemistry. <i>ACS Symposium Series</i> , 2019, , 247-267.	0.5	4
1472	Discovering Multiple Uses of Mobile Technology for Instructional Improvement: Lessons Learned and Serendipitous Encounters from the cCWCS iPads in Chemistry Workshop. <i>ACS Symposium Series</i> , 2019, , 269-279.	0.5	1
1474	Combining Pre-class Preparation with Collaborative In-Class Activities to Improve Student Engagement and Success in General Chemistry. <i>ACS Symposium Series</i> , 2019, , 21-33.	0.5	1

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1476	Use of Multimedia Tools in the Chemistry Classroom To Foster Student Participation. ACS Symposium Series, 2019, , 69-85.	0.5	1
1477	Aiming toward an Effective Hispanic-Serving Chemistry Curriculum. ACS Symposium Series, 2019, , 49-66.	0.5	1
1478	Implementing Metacognitive Writing in a Large Enrollment Gateway Chemistry Class. ACS Symposium Series, 2019, , 49-67.	0.5	1
1479	Strategies to Prevent Cognitive Overload: A Team-Based Approach to Improving Student Success and Persistence in a Gateway Introductory Chemistry Course. ACS Symposium Series, 2019, , 187-200.	0.5	1
1480	Supporting Faculty in Adopting Active Learning Pedagogies. ACS Symposium Series, 2019, , 135-148.	0.5	1
1481	An Iterative Approach to Active Learning Improves Student Outcomes in a First Year Chemistry Course. ACS Symposium Series, 2019, , 13-20.	0.5	2
1482	Using Active Learning Methods for Development of Teaching Assistants in High Enrollment General Chemistry Courses. ACS Symposium Series, 2019, , 117-148.	0.5	2
1483	Inverting the Classroom in Large-Enrollment Classes: A Beginner's Guide. Journal of Political Science Education, 2021, 17, 641-652.	0.6	5
1484	Introducing active learning component for improving laboratory management of biology and chemistry teachers. Journal of Physics: Conference Series, 2019, 1318, 012100.	0.3	1
1485	Active Learning in Mechanical Engineering Education using Innovative Software Tool Integrated in SolidWorks. , 2019, , .		2
1486	Enhancing Students' Laboratory Experiences in Undergraduate Chemistry. ACS Symposium Series, 2019, , 83-106.	0.5	2
1487	A Validated Novel Tool for Capturing Faculty-Student Joint Behaviors with the COPUS Instrument. Journal of Microbiology and Biology Education, 2019, 20, 40.	0.5	4
1488	Qualification Course for Maintenance of PLC based Automatic Machines. , 2019, , .		1
1489	A Review of Water Resources Education in Geography Departments in the United States. Journal of Contemporary Water Research and Education, 2019, 168, 93-105.	0.7	3
1490	Applied Learning through Collaborative Educational Experiences. New Directions for Higher Education, 2019, 2019, 13-21.	0.2	7
1491	Diversity in engineering students: do they have different expectations of their learning experience?. Procedia Manufacturing, 2019, 38, 671-679.	1.9	2
1492	AR Chemistry: An Undergraduate, Technology-Based Research and Development Initiative To Incorporate AR Molecular Models in the Chemistry Curriculum. ACS Symposium Series, 2019, , 53-64.	0.5	1

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1493	Practical Considerations for Advancing Undergraduate Digital Literacy through Digital Laboratory Notebooks. ACS Symposium Series, 2019, , 107-118.	0.5	3
1494	Resources for Teaching Project-Based Undergraduate Medicinal Chemistry Courses. ACS Symposium Series, 2019, , 131-142.	0.5	1
1495	Ensuring That Test Takers Can Use New Chemistry Assessments Made Possible by Technology. ACS Symposium Series, 2019, , 167-175.	0.5	1
1496	The Right-Tech Approach for Integrating Technology into Teaching and Learning. ACS Symposium Series, 2019, , 209-232.	0.5	1
1497	Impact of serious games on science learning achievement compared with more conventional instruction: an overview and a meta-analysis. Studies in Science Education, 2019, 55, 169-214.	3.4	48
1498	Shifting Faculty Approaches to Pedagogy through Structured Teaching Postdoc Experiences. Journal of Microbiology and Biology Education, 2019, 20, 10.	0.5	7
1499	Examining Student Response to Virtual Reality in Education and Training. , 2019, , .		4
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1509	OncoSim and OncoWiki: an authentic learning approach to teaching cancer genomics. BMC Medical Education, 2019, 19, 407.	1.0	8
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1537	Implementing Guided Inquiry in Biochemistry: Challenges and Opportunities. <i>ACS Symposium Series</i> , 2019, , 111-126.	0.5	4
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1539	Learners and Luddites in the Twenty-first Century. <i>Anesthesiology</i> , 2019, 131, 908-928.	1.3	27
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1573	From CREATE Workshop to Course Implementation: Examining Downstream Impacts on Teaching Practices and Student Learning at 4-Year Institutions. <i>BioScience</i> , 2019, 69, 47-58.	2.2	15
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1613	Biomedical engineering undergraduate education: A Canadian perspective. <i>International Journal of Mechanical Engineering Education</i> , 2020, 48, 119-139.	0.6	3
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1628	Deconstructing online social learning: network analysis of the creation, consumption and organization types of interactions. <i>International Journal of Research and Method in Education</i> , 2020, 43, 16-37.	1.1	13
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1634	The Fundamentals in Meteorology Inventory: Validation of a tool assessing basic meteorological conceptual understanding. <i>Journal of Geoscience Education</i> , 2020, 68, 152-167.	0.8	1
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1638	Active Learning in Undergraduate Mathematics Tutorials Via Cooperative Problem-Based Learning and Peer Assessment with Interactive Online Whiteboards. <i>Asia-Pacific Education Researcher</i> , 2020, 29, 285-294.	2.2	19
1639	Microplastics Outreach Program: A Systems-Thinking Approach To Teach High School Students about the Chemistry and Impacts of Plastics. <i>Journal of Chemical Education</i> , 2020, 97, 137-142.	1.1	13
1640	Comparison of Team-Based Learning versus Traditional Lectures in Neuroanatomy: Medical Student Knowledge and Satisfaction. <i>Anatomical Sciences Education</i> , 2020, 13, 591-601.	2.5	22
1641	Edgar Dale's Pyramid of Learning in medical education: Further expansion of the myth. <i>Medical Education</i> , 2020, 54, 22-32.	1.1	30
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1652	Innovative Student Response System Methodologies for Civil Engineering Practical Lectures. <i>Technology, Knowledge and Learning</i> , 2020, 25, 835-852.	3.1	4
1653	What you do is less important than how you do it: the effects of learning environment on student outcomes. <i>Learning Environments Research</i> , 2020, 23, 27-44.	1.8	30
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1657	Challenges of teaching food microbiology in Brazil. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 279-288.	0.8	2
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1661	Focused Multisensory Anatomy Observation and Drawing for Enhancing Social Learning and Three-Dimensional Spatial Understanding. <i>Anatomical Sciences Education</i> , 2020, 13, 488-503.	2.5	18
1662	Including aspects of sustainability in the degree in Human Nutrition and Dietetics: An evaluation based on student perceptions. <i>Journal of Cleaner Production</i> , 2020, 243, 118545.	4.6	6
1663	College Students'™ Cognitive Learning Outcomes in Technology-Enabled Active Learning Environments: A Meta-Analysis of the Empirical Literature. <i>Journal of Educational Computing Research</i> , 2020, 58, 791-817.	3.6	26
1664	Adaptive learning in a numerical methods course for engineers: Evaluation in blended and flipped classrooms. <i>Computer Applications in Engineering Education</i> , 2020, 28, 62-79.	2.2	15
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1666	Strategic Considerations for Applying the Flipped Classroom to Neurology Education. <i>Annals of Neurology</i> , 2020, 87, 4-9.	2.8	20
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1668	Effectiveness of the active learning in organic chemistry faculty development workshops. <i>Chemistry Education Research and Practice</i> , 2020, 21, 387-398.	1.4	9
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1673	The polarizing effect of the online flipped classroom. <i>Computers and Education</i> , 2020, 147, 103789.	5.1	89

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1675	The generation and use of graphical examples in calculus classrooms: The case of the mean value theorem. <i>Journal of Mathematical Behavior</i> , 2020, 57, 100743.	0.5	4
1676	Adopting a flipped classroom approach for teaching molar calculations to biochemistry and genetics students. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 220-226.	0.5	10
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1680	Not Another Boring Resident Didactic Conference. <i>AEM Education and Training</i> , 2020, 4, S113-S121.	0.6	9
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1690	Teaching Kinetics and Equilibrium Topics Using Interlocking Building Bricks in Hands-on Activities. <i>Journal of Chemical Education</i> , 2020, 97, 466-470.	1.1	3
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1693	Active Learning in Architectural Education: A Participatory Design Experience (PDE) in Colombia. <i>International Journal of Art and Design Education</i> , 2020, 39, 346-366.	0.6	7
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1701	Training the next generation of anesthesiologists. <i>International Anesthesiology Clinics</i> , 2020, 58, 23-30.	0.3	0
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1706	Value of Case-Based Learning within STEM Courses: Is It the Method or Is It the Student?. <i>CBE Life Sciences Education</i> , 2020, 19, ar44.	1.1	15
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1712	The Adventures of a First-Year Teaching-Emphasis Instructor. <i>ACS Symposium Series</i> , 2020, , 51-68.	0.5	0
1713	Attention Matters: How Orchestrating Attention May Relate to Classroom Learning. <i>CBE Life Sciences Education</i> , 2020, 19, fe5.	1.1	8
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1716	Addressing Public Mental Health Challenges: A Mixed-Methods Evaluation of Problem-Based Learning. <i>Pedagogy in Health Promotion</i> , 2020, , 237337992094496.	0.4	3
1717	Adapting guided inquiry learning worksheets for emergency remote learning. <i>Information and Learning Science</i> , 2020, 121, 549-557.	0.8	6
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1720	Mapping continuity and change in the intellectual structure of the knowledge base on problem-based learning, 1974-2019: A systematic review. <i>British Educational Research Journal</i> , 2020, 46, 1423-1444.	1.4	12
1721	A Pragmatic Master List of Action Verbs for Bloom's Taxonomy. <i>Frontiers in Education</i> , 2020, 5, .	1.2	23
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1723	“Bums off seats”: measuring the effects of active learning in an undergraduate molecular biology curriculum. <i>Journal of Biological Education</i> , 2020, , 1-12.	0.8	0
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1725	A Multimodal Real-Time Feedback Platform Based on Spoken Interactions for Remote Active Learning Support. <i>Sensors</i> , 2020, 20, 6337.	2.1	13
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1730	¹ H NMR Spectrum: A Team-Based Tabletop Game for Molecular Structure Elucidation. <i>Journal of Chemical Education</i> , 2020, 97, 4385-4390.	1.1	4
1731	How Do We Prepare to Teach? Exploring Science Lecturers' Authentic Approaches to Teaching in Higher Education. <i>Research in Science Education</i> , 2020, , 1.	1.4	6
1732	The effect of course format on student learning in introductory biomechanics courses that utilise low-tech active learning exercises. <i>Sports Biomechanics</i> , 2024, 23, 156-165.	0.8	2
1733	Enhancing Interdisciplinary and Systems Thinking with an Integrative Plant Chemistry Module Applied in Diverse Undergraduate Course Settings. <i>Journal of Chemical Education</i> , 2020, 97, 4406-4413.	1.1	10
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1735	A Compendium of Rationales and Techniques for Active Learning. <i>CBE Life Sciences Education</i> , 2020, 19, fe6.	1.1	0
1736	Trainee Teacher Experience in Geoscience Education: Can We Do Better?. <i>Geoheritage</i> , 2020, 12, 1.	1.5	1
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1745	The impact of an audience response system on a summative assessment, a controlled field study. <i>BMC Medical Education</i> , 2020, 20, 218.	1.0	6

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1748	A Comparison of Interteaching and the Learning Pathway in a Community Health Undergraduate Course. <i>Pedagogy in Health Promotion</i> , 2021, 7, 214-225.	0.4	2
1749	Scalable and Practical Teaching Practices Faculty Can Deploy to Increase Retention: A Faculty Cookbook for Increasing Student Success. <i>Education for Chemical Engineers</i> , 2020, 33, 45-65.	2.8	10
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1753	The effectiveness of computer-based simulations for numerical methods in engineering. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 833-846.	1.3	5
1754	Reducing Attrition in General Chemistry by Redesigning the Class Format. <i>ACS Symposium Series</i> , 2020, , 87-100.	0.5	0
1755	Case Studies in Chemistry: Engaging Students by Connecting Chemistry to Real World Issues. <i>ACS Symposium Series</i> , 2020, , 213-225.	0.5	0
1756	Engineering design with Syrian refugees: localised engineering in the Azraq refugee camp, Jordan. <i>Australasian Journal of Engineering Education</i> , 2020, 25, 17-30.	0.2	2
1757	An Analysis of the Educational and Health-Related Benefits of Nature-Based Environmental Education in Low-Income Black and Hispanic Children. <i>Health Equity</i> , 2020, 4, 198-210.	0.8	16
1758	Adopt a Bacterium: a professional development opportunity for teacher assistants. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	4
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1760	Experiencing the Sheffield Team Software Project: A project-based learning approach to teaching Agile. , 2020, , .		4
1761	Digitization of a Lecture - An Experience Report. , 2020, , .		0
1762	Methodologies and Intelligent Systems for Technology Enhanced Learning, 10th International Conference. <i>Advances in Intelligent Systems and Computing</i> , 2020, , .	0.5	2
1763	Challenge-Based Learning (CBL) in Engineering: which evaluation instruments are best suited to evaluate CBL experiences?. , 2020, , .		14

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1765	Factors Influencing Student Learning in Semi-Flipped General Chemistry Courses. Journal of Chemical Education, 2020, 97, 2130-2139.	1.1	4
1766	Perception of Technology-Enhanced Learning by Medical Students: an Integrative Review. Medical Science Educator, 2020, 30, 1707-1720.	0.7	11
1767	The Flipped Classroom and Simulation: a Primer for Simulation Educators. Medical Science Educator, 2020, 30, 1627-1632.	0.7	9
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1775	Impact of Practical Education Network on Students in Selected Ghanaian Junior High School Science Classrooms. African Journal of Research in Mathematics, Science and Technology Education, 2020, 24, 216-228.	0.2	3
1776	Opinion piece: non-traditional practical work for traditional campuses. Higher Education Pedagogies, 2020, 5, 210-222.	2.1	1
1777	University Student Perspectives of Entomophagy: Positive Attitudes Lead to Observability and Education Opportunities. Journal of Insect Science, 2020, 20, .	0.6	12
1778	From DNA Extraction to Sequence Analysis: A Semester-Long Undergraduate Research Project on Fish Mislabeled. American Biology Teacher, 2020, 82, 170-175.	0.1	2
1779	Acting Out Extinction: Sneebles Under Threat. American Biology Teacher, 2020, 82, 503-505.	0.1	0
1780	Morning brain: real-world neural evidence that high school class times matter. Social Cognitive and Affective Neuroscience, 2020, 15, 1193-1202.	1.5	13
1781	Incorporating an Online Interactive Video Platform to Optimize Active Learning and Improve Student Accountability through Educational Videos. Journal of Chemical Education, 2020, 97, 4505-4514.	1.1	28

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1783	Finding Joy in Mathematics Through Islamic Geometry and Technology. <i>Primus</i> , 2022, 32, 74-89.	0.3	0
1784	Using <i>Slopes</i> to Enhance Learning in Ordinary Differential Equations. <i>Primus</i> , 2022, 32, 90-105.	0.3	2
1785	Educational Tool and Active-Learning Class Activity for Teaching Agglomerative Hierarchical Clustering. <i>Journal of Statistics Education</i> , 2020, 28, 280-288.	1.4	3
1786	Quality of teaching in higher education: reviewing teaching behaviour through classroom observations. <i>International Journal for Academic Development</i> , 2022, 27, 31-44.	0.8	17
1787	Effectiveness of a perceptual illusions contest as an innovative educational tool for gaining competences in a psychology university degree course. <i>Innovations in Education and Teaching International</i> , 2020, , 1-11.	1.5	0
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1789	Fabricating concepts: using custom 3D models to teach abstract concepts. <i>Journal of Applied Research in Higher Education</i> , 2021, 13, 1085-1096.	1.1	0
1790	How drawing prompts can increase cognitive engagement in an active learning engineering course. <i>Journal of Engineering Education</i> , 2020, 109, 723-742.	1.9	11
1791	QLearn: Towards a framework for smart learning environments. <i>Procedia Computer Science</i> , 2020, 176, 2812-2821.	1.2	4
1792	Do inquiry-based teaching and school climate influence science achievement and critical thinking? Evidence from PISA 2015. <i>International Journal of STEM Education</i> , 2020, 7, .	2.7	26
1793	Barriers and levers driving change in a STEM science subject in the Australian higher education sector: a focused study. <i>Research in Science and Technological Education</i> , 2023, 41, 1-21.	1.4	1
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1795	Flipped classroom improves results in pathophysiology learning: results of a nonrandomized controlled study. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 370-375.	0.8	18
1796	Conference Didactic Planning and Structure: An Evidence-based Guide to Best Practices from the Council of Emergency Medicine Residency Directors. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 999-1007.	0.6	8
1797	Expanding and diversifying the pool of undergraduates who study economics: Insights from a new introductory course at Harvard. <i>Journal of Economic Education</i> , 2020, 51, 364-379.	0.8	17
1798	Challenges in General Chemistry: The Effect of Moving Online in the Middle of the Semester. <i>Journal of Chemical Education</i> , 2020, 97, 3423-3428.	1.1	6
1799	An Inquiry-Based Approach to the Theory of Interest for Actuarial Science Students. <i>Primus</i> , 2020, , 1-15.	0.3	0

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1801	Teaching a Testing Concept (JUnit) with Active Learning. , 2020, , .		1
1802	Anatomy Terminology Performance is Improved by Combining Jigsaws, Retrieval Practice, and Cumulative Quizzing. Anatomical Sciences Education, 2020, 14, 641-657.	2.5	5
1803	Teaching middle ear anatomy using a novel three-dimensional papercraft model. European Archives of Oto-Rhino-Laryngology, 2021, 278, 2769-2774.	0.8	4
1804	Focusing on Student Learning: Efforts at Multiple Levels. ACS Symposium Series, 2020, , 69-85.	0.5	0
1805	Engaging online students by activating ecological knowledge. Ecology and Evolution, 2020, 10, 12472-12481.	0.8	11
1807	Flipped Ophthalmology Classroom: A Better Way to Teach Medical Students. Journal of Academic Ophthalmology (2017), 2020, 12, e104-e109.	0.2	3
1808	A new model for state-of-the-art leadership education with performance as a driving factor for future viability. Leadership Education Personality an Interdisciplinary Journal, 2020, 2, 59-74.	0.5	6
1809	Pair Programming in Perspective: Effects on Persistence, Achievement, and Equity in Computer Science. Journal of Research on Educational Effectiveness, 2020, 13, 731-758.	0.9	11
1810	Active Learning: Subtypes, Intra-Exam Comparison, and Student Survey in an Undergraduate Biology Course. Education Sciences, 2020, 10, 185.	1.4	10
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1812	Assessing the Distinctive Contributions of <i>Simulation & Gaming</i> to the Literature, 1970-2019: A Bibliometric Review. Simulation and Gaming, 2020, 51, 744-769.	1.2	6
1813	Multicomponent Reactions: âœKinderleichtâœ. Journal of Chemical Education, 2020, 97, 3739-3745.	1.1	30
1814	Vision and Action: Two Sides of the Coin for Systemic Change in Educational Systems. TechTrends, 2020, 64, 769-778.	1.4	0
1815	Mind the gap: how a large-scale course re-design in economics reduced performance gaps. Journal of Experimental Education, 2022, 90, 783-796.	1.6	4
1816	A tale of two instructional experiences: student engagement in active learning and emergency remote learning of biomechanics. Sports Biomechanics, 2023, 22, 1485-1495.	0.8	11
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1822	Socially enabled actors: the emerging authorship of fixed-term instructional faculty to enact and sustain organizational change. Higher Education Research and Development, 2020, , 1-15.	1.9	1
1823	Pressure from the Pandemic: Pedagogical Dissatisfaction Reveals Faculty Beliefs. Journal of Chemical Education, 2020, 97, 2378-2382.	1.1	10
1824	Authentic histology and pathology co-teaching closest to professional practice. Medical Education, 2020, 54, 1076-1077.	1.1	0
1825	First-Semester Organic Chemistry during COVID-19: Prioritizing Group Work, Flexibility, and Student Engagement. Journal of Chemical Education, 2020, 97, 3201-3205.	1.1	24
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1894	Professional Development to Promote Active Learning in the Flipped Classroom: A Faculty Perspective. <i>College Teaching</i> , 2020, 68, 87-102.	0.3	8
1895	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	2.0	26
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1912	Systematic review and meta-analysis as a structured platform for teaching principles of experimentation. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 276-285.	0.8	2
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1914	Active learning strategies with positive effects on students'™ achievements in undergraduate mathematics education. <i>International Journal of Mathematical Education in Science and Technology</i> , 2022, 53, 403-424.	0.8	20
1915	Active and Distance Learning in Neuroscience Education. <i>Neuron</i> , 2020, 106, 895-898.	3.8	23
1916	Lecture-Free Classroom: Fully Active Learning on Moodle. <i>IEEE Transactions on Education</i> , 2020, 63, 314-321.	2.0	20
1917	Gender Differences in Student Participation in an Active-Learning Classroom. <i>CBE Life Sciences Education</i> , 2020, 19, ar12.	1.1	69
1918	Characterizing college science instruction: The Three-Dimensional Learning Observation Protocol. <i>PLoS ONE</i> , 2020, 15, e0234640.	1.1	25
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1920	The Supervisory Role of Life Science Research Faculty: The Missing Link to Diversifying the Academic Workforce?. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	14
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1925	Using the Reasoned Action Approach to Predict Active Teaching Behaviors in College STEM Courses. <i>Journal for STEM Education Research</i> , 2020, 3, 387-402.	0.5	2
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1929	Impact of Positive Personal Traits on University Student Engagement in Mexico, Colombia, and El Salvador. Frontiers in Education, 2020, 5, .	1.2	4
1930	Analysis of Student Perceptions of Just-In-Time Teaching Pedagogy in PharmD Microbiology and Immunology Courses. Frontiers in Immunology, 2020, 11, 351.	2.2	5
1931	Hands-On Class Exercise for Efficient Planning and Execution of Modular Construction. Journal of Civil Engineering Education, 2020, 146, .	0.8	7
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1933	Comprehensive Healthcare Simulation: Mastery Learning in Health Professions Education. Comprehensive Healthcare Simulation, 2020, , .	0.2	19
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1947	Analytics Curriculum for Undergraduate and Graduate Students. <i>Decision Sciences Journal of Innovative Education</i> , 2020, 18, 22-58.	0.5	13
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1949	Does gamification improve student learning outcome? Evidence from a meta-analysis and synthesis of qualitative data in educational contexts. <i>Educational Research Review</i> , 2020, 30, 100322.	4.1	235
1950	Student satisfaction with courses and instructors in a flipped classroom: A meta-analysis. <i>Journal of Computer Assisted Learning</i> , 2020, 36, 295-314.	3.3	23
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1952	Gamified Evaluation in STEAM for Higher Education: A Case Study. <i>Information (Switzerland)</i> , 2020, 11, 316.	1.7	12
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1954	The Alchian Maze. <i>Journal of Economic Education</i> , 2020, 51, 159-166.	0.8	1
1955	Editorial: Beyond Cognitive Ability. <i>Journal of Learning Analytics</i> , 2020, 7, .	1.8	16
1956	Motivators and barriers in undergraduate mechanical engineering students' use of learning resources. <i>European Journal of Engineering Education</i> , 2020, 45, 879-899.	1.5	10
1957	Making a Lecture Stick: the Effect of Spaced Instruction on Knowledge Retention in Medical Education. <i>Medical Science Educator</i> , 2020, 30, 1211-1219.	0.7	8
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1959	Guiding the use of collective feedback displayed on heatmaps to reduce group conformity and improve learning in Peer Instruction. <i>Journal of Computer Assisted Learning</i> , 2020, 36, 1026-1037.	3.3	6
1960	Artificial intelligence-tutoring problem-based learning in ophthalmology clerkship. <i>Annals of Translational Medicine</i> , 2020, 8, 700-700.	0.7	14
1961	Outperforming yet undervalued: Undergraduate women in STEM. <i>PLoS ONE</i> , 2020, 15, e0234685.	1.1	54
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1966	Communication preference and the effectiveness of clickers in an Asian university economics course. <i>Heliyon</i> , 2020, 6, e03847.	1.4	9
1967	Undergraduate Biology Education Research Gordon Research Conference: A Meeting Report. <i>CBE Life Sciences Education</i> , 2020, 19, mr1.	1.1	1
1968	Flipped Classrooms with Diverse Learners. <i>Springer Texts in Education</i> , 2020, , .	0.0	4
1969	Active Learning is About More Than Hands-On: A Mixed-Reality AI System to Support STEM Education. <i>International Journal of Artificial Intelligence in Education</i> , 2020, 30, 74-96.	3.9	46
1970	Enriching Medical Student Learning Experiences. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052090216.	0.7	12
1971	Design and impact of the national workshop for early career geoscience faculty. <i>Journal of Geoscience Education</i> , 2020, 68, 345-359.	0.8	6
1972	Students' perceptions of Plickers and crossword puzzles in undergraduate studies. <i>Journal of Food Science Education</i> , 2020, 19, 49-58.	1.0	17
1973	The impact of flipped classroom andragogy on student assessment performance and perception of learning experience in two advanced physiology subjects. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 80-92.	0.8	15
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1976	Variation in transition to university of life science students: exploring the role of academic and social self-efficacy. <i>Journal of Further and Higher Education</i> , 2020, 44, 1419-1432.	1.4	5
1977	Connecting chemistry concepts with environmental context using student-built pH sensors. <i>Journal of Geoscience Education</i> , 2020, 68, 334-344.	0.8	5
1978	Water in your neighbourhood: a model for implementing a semester-long course-based undergraduate research project in introductory biology. <i>Education Inquiry</i> , 2020, 11, 211-275.	1.6	1
1979	Is memorization the name of the game? Undergraduates' perceptions of the usefulness of physiology songs. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 104-112.	0.8	3
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1983	Developing peer instruction questions for quantitative problems for an upper-division astronomy course. American Journal of Physics, 2020, 88, 214-221.	0.3	4
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1985	What Really Matters: What Learners Do and Why. The National Teaching & Learning Forum, 2020, 29, 4-7.	0.0	0
1986	The influence of perceptually rich manipulatives and collaboration on mathematic problem-solving and perseverance. Contemporary Educational Psychology, 2020, 61, 101846.	1.6	9
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1997	A Flipped Classroom Approach to Teaching Empirical Software Engineering. IEEE Transactions on Education, 2020, 63, 155-163.	2.0	38
1998	#DidacticsRevolution: Applying Kotter“s 8-Step Change Management Model to Residency Didactics. Western Journal of Emergency Medicine, 2020, 21, 65-70.	0.6	12

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1999	Use of a competency framework to explore the benefits of student-generated multiple-choice questions (MCQs) on student engagement. <i>Pedagogies</i> , 2020, 15, 83-105.	0.4	3
2000	Integrating vernacular experience for teaching nonconventional and vernacular materials. , 2020, , 101-129.		2
2001	Perspectives on and a Template for Training Future Chairs. <i>Primus</i> , 2020, 30, 682-699.	0.3	0
2002	Using Case-Based Learning to Teach Information Literacy and Critical Thinking Skills in Undergraduate Music Therapy Education: A Cohort Study. <i>Music Therapy Perspectives</i> , 2020, 38, 143-149.	0.2	5
2003	Constructing Explanations in an Active Learning Preparatory Chemistry Course. <i>Journal of Chemical Education</i> , 2020, 97, 626-634.	1.1	4
2004	Crumple Trees. , 2020, , .		0
2005	Embedding active learning and design-based projects in a noise and vibration course for the undergraduate mechanical engineering program. <i>International Journal of Mechanical Engineering Education</i> , 2022, 50, 78-88.	0.6	3
2006	Improving the Design of Undergraduate Biology Courses toward the Goal of Retention: The Case of Real-World Inquiry and Active Learning through Metagenomics. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	12
2007	Active Learning in Psychiatry Education: Current Practices and Future Perspectives. <i>Frontiers in Psychiatry</i> , 2020, 11, 211.	1.3	18
2008	A Learning Community Involving Collaborative Course-Based Research Experiences for Foundational Chemistry Laboratories. <i>Education Sciences</i> , 2020, 10, 117.	1.4	3
2009	Training for Trauma Anesthesia: Role of Education and Simulation-Based Training. <i>Current Anesthesiology Reports</i> , 2020, 10, 196-203.	0.9	1
2010	Predicting completion of massive open online course (MOOC) assignments from video viewing behavior. <i>Interactive Learning Environments</i> , 2022, 30, 1782-1793.	4.4	22
2011	Educational Innovation in Higher Education: Use of Role Playing and Educational Video in Future Teachersâ€™ Training. <i>Sustainability</i> , 2020, 12, 2558.	1.6	49
2012	Student Perspectives on the Learning Resources in an Active, Blended, and Collaborative (ABC) Pedagogical Environment. <i>International Journal of Engineering Pedagogy</i> , 2020, 10, 7.	0.7	13
2013	Some Believe, Not All Achieve: The Role of Active Learning Practices in Anxiety and Academic Self-Efficacy in First-Generation College Students. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	11
2014	Redesigning an Undergraduate Nutrition Course through Active Learning and Team-Based Projects Enhances Student Performance. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa039.	0.1	3
2015	Connecting Learning About the Earth to Societal Issues: Downstream Effects on Faculty Teaching. <i>New Directions for Teaching and Learning</i> , 2020, 2020, 35-52.	0.2	0
2016	Fifty Years of Biomedical Engineering Undergraduate Education. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1590-1615.	1.3	42

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2017	Ways in which engaging with someone else's reasoning is productive. <i>Journal of Mathematical Behavior</i> , 2020, 58, 100742.	0.5	9
2018	A hands-on approach to teaching the financial concept of diversification. <i>Interactive Learning Environments</i> , 2020, , 1-9.	4.4	0
2020	Soil and Water Iron Microbes in North Carolina (SWIMNC) Outreach: Positive Impact of Combining Classroom and Field Experiences to Promote Learning and Shift Attitudes. <i>Frontiers in Education</i> , 2020, 4, .	1.2	2
2021	Engaging Students Daily in General Chemistry. <i>ACS Symposium Series</i> , 2020, , 3-17.	0.5	0
2022	Developing an occupational science curriculum for undergraduate students. <i>Journal of Occupational Science</i> , 2021, 28, 308-313.	0.7	2
2023	Static and interactive concept maps for chemistry learning. <i>Educational Psychology</i> , 2021, 41, 206-223.	1.2	12
2024	Calculus II Course Redesign: Supporting Faculty in Pedagogical Change. <i>Primus</i> , 2021, 31, 643-657.	0.3	1
2025	A Community of Practice Model for Infusing Active Learning in the Classroom. <i>Primus</i> , 2021, 31, 252-268.	0.3	3
2026	Improving Student Success and Supporting Student Meaning-Making in Large-Lecture Precalculus Classes. <i>Primus</i> , 2021, 31, 792-810.	0.3	3
2027	Market structure and pricing strategies: A mathematical and graphical analysis of price discrimination, accompanied by a Microsoft Excel-based tool. <i>Journal of Education for Business</i> , 2021, 96, 127-133.	0.9	0
2028	If You Don't Build It, They Will Leave: Reforming an Applied Calculus Course by Eliminating Large Lectures and Incorporating Active Learning. <i>Primus</i> , 2021, 31, 413-433.	0.3	1
2029	Active Learning in an Undergraduate Precalculus Course: Insights from a Course Redesign. <i>Primus</i> , 2021, 31, 358-370.	0.3	2
2030	A Collaborative Approach to Coordinating Calculus 1 to Improve Student Outcomes. <i>Primus</i> , 2021, 31, 393-412.	0.3	1
2031	Understanding the impact of educational development interventions on classroom instruction and student success. <i>International Journal for Academic Development</i> , 2021, 26, 24-40.	0.8	10
2032	Towards Anti-Deficit Education in Undergraduate Mathematics Education: How Deficit Perspectives Work to Structure Inequality and What Can Be Done About It. <i>Primus</i> , 2021, 31, 940-961.	0.3	7
2033	Integrating polar research into undergraduate curricula using computational guided inquiry. <i>Journal of Geoscience Education</i> , 2021, 69, 178-191.	0.8	3
2034	Design science research for learning software engineering and computational thinking: Four cases. <i>Computer Applications in Engineering Education</i> , 2021, 29, 83-101.	2.2	19
2035	Situationally orchestrated pedagogy: Teacher reflections on positioning as expert, facilitator, and caregiver. <i>Management Learning</i> , 2021, 52, 26-46.	1.4	6

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2036	Establishing Consistent Active Learning in a Calculus I Course. <i>Primus</i> , 2021, 31, 565-577.	0.3	3
2037	Transitioning to an Active Learning Environment for Calculus at the University of Florida. <i>Primus</i> , 2021, 31, 517-531.	0.3	0
2038	Developing Problem-Solving Skills in Active Learning Pre-Calculus Courses. <i>Primus</i> , 2021, 31, 578-593.	0.3	0
2039	Flipped learning and threshold concepts in the Turbomachinery section of Fluid Engineering course. <i>Computer Applications in Engineering Education</i> , 2021, 29, 795-809.	2.2	4
2040	Teaching Important Basic EEG Patterns of Bedside Electroencephalography to Critical Care Staffs: A Prospective Multicenter Study. <i>Neurocritical Care</i> , 2021, 34, 144-153.	1.2	12
2041	Evaluating the Use of Augmented Reality Technology to Improve Construction Management Students' Spatial Skills. <i>International Journal of Construction Education and Research</i> , 2021, 17, 99-116.	1.1	27
2042	Comparing desired workforce skills and reported teaching practices to model students' experiences in undergraduate geoscience programs. <i>Journal of Geoscience Education</i> , 2021, 69, 27-42.	0.8	11
2043	Comparison of Active Learning Techniques: Audience Response Questions Versus Small Group Discussion on Immediate and Long-term Knowledge Gain. <i>AEM Education and Training</i> , 2021, 5, e10464.	0.6	0
2044	Staying or leaving: contributing factors for U.K. engineering students' decisions to pursue careers in engineering industry. <i>European Journal of Engineering Education</i> , 2021, 46, 364-388.	1.5	4
2045	Hi, I Want to Talk to You About Your Progress: A Large Course Intervention for At-Risk College Students. <i>The Journal of College Student Retention: Research and Practice</i> , 2021, 23, 2-27.	0.9	11
2046	Student perceptions of low-tech active learning and mastery of introductory biomechanics concepts. <i>Sports Biomechanics</i> , 2021, 20, 458-468.	0.8	8
2047	Flipping the procedural knowledge learning "a case study of software learning. <i>Interactive Learning Environments</i> , 2021, 29, 428-441.	4.4	7
2048	Modeling temporal self-regulatory processing in a higher education biology course. <i>Learning and Instruction</i> , 2021, 72, 101201.	1.9	35
2049	Faculty wide curriculum reform: the integrated engineering programme. <i>European Journal of Engineering Education</i> , 2021, 46, 48-66.	1.5	36
2050	Engaging Faculty in Student Success: The Promise of Active Learning in STEM Faculty in Professional Development. <i>College Teaching</i> , 2021, 69, 113-119.	0.3	4
2051	Brown and Cox Respond to "Epidemiologic Methods in Epidemiology Education". <i>American Journal of Epidemiology</i> , 2021, 190, 317-317.	1.6	0
2052	Serious game in introductory psychology for professional awareness: Optimal learner control and authenticity. <i>British Journal of Educational Technology</i> , 2021, 52, 125-141.	3.9	8
2054	The MSU SEMINAL Project: Incorporating Principles of Culturally Responsive Teaching in a Pre-Calculus Course. <i>Primus</i> , 2021, 31, 296-315.	0.3	3

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2055	Developing critical thinking in <sc>STEM</sc> education through inquiry-based writing in the laboratory classroom. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 140-150.	0.5	6
2056	The Epic Finale in the Sport Psychology Classroom: Escaping the Traditional Final Exam Format as the Culminating Class Experience. <i>Journal of Sport Psychology in Action</i> , 2021, 12, 54-65.	0.6	1
2057	Building and Sustaining Success in Precalculus: A Multi-Pronged Approach. <i>Primus</i> , 2021, 31, 962-974.	0.3	1
2058	Instructors'™ understanding, practices, and issues regarding the use of the case method in higher education. <i>Journal of Further and Higher Education</i> , 2021, 45, 211-225.	1.4	4
2059	The Collaborative Development of Active Learning at Loyola University Chicago as Part of the SEMINAL Network. <i>Primus</i> , 2021, 31, 281-295.	0.3	0
2060	eLearning technology and the advancement of practical constructivist pedagogies: Illustrations from classroom observations. <i>Education and Information Technologies</i> , 2021, 26, 89-101.	3.5	19
2061	Assessing university student collaboration in new ways. <i>Assessment and Evaluation in Higher Education</i> , 2021, 46, 509-524.	3.9	5
2062	Enhancing learning with 3D print technology: A case study of problem based learning. <i>Journal of Education for Business</i> , 2021, 96, 187-194.	0.9	1
2063	Course Coordination as an Avenue to Departmental Culture Change. <i>Primus</i> , 2021, 31, 467-482.	0.3	5
2064	Coordinating STEM Core Courses for Student Success. <i>Primus</i> , 2021, 31, 316-329.	0.3	3
2065	Using Virtual Reality to Demonstrate Glove Hygiene in Introductory Chemistry Laboratories. <i>Journal of Chemical Education</i> , 2021, 98, 224-229.	1.1	16
2066	Are resource-usage patterns related to achievement? A study of an active, blended, and collaborative learning environment for undergraduate engineering courses. <i>European Journal of Engineering Education</i> , 2021, 46, 416-440.	1.5	3
2067	Surgical Jeopardy: Play to Learn. <i>Journal of Surgical Research</i> , 2021, 257, 9-14.	0.8	9
2068	Effect of peer instruction pedagogy on concept mastery in a first professional year pharmacy self-care course. <i>Currents in Pharmacy Teaching and Learning</i> , 2021, 13, 273-278.	0.4	3
2069	Promising practices for de-escalation and use-of-force training in the police setting: a narrative review. <i>Policing</i> , 2021, 44, 377-404.	0.8	22
2070	Easiness, usefulness and intention to use a MOOC in nursing. <i>Nurse Education Today</i> , 2021, 97, 104705.	1.4	18
2071	Seven practical strategies to add active learning to a science lecture. <i>Neuroscience Letters</i> , 2021, 743, 135317.	1.0	11
2072	Mini-review: CREATE-ive use of primary literature in the science classroom. <i>Neuroscience Letters</i> , 2021, 742, 135532.	1.0	4

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2073	Fostering knowledge building in learning by teaching: A test of the drawingâ€facilitatesâ€explaining hypothesis. <i>Applied Cognitive Psychology</i> , 2021, 35, 548-558.	0.9	2
2074	Does the Use of Smart Board Increase Studentsâ€™ Higher Order Thinking Skills (HOTS)? <i>IEEE Access</i> , 2021, 9, 1833-1854.	2.6	8
2075	Benefits of Movement-Integrated Learning Activities in Statistics and Research Methods Courses. <i>Teaching of Psychology</i> , 2021, 48, 197-203.	0.7	1
2076	The Impact of an Escape Room Simulation to Improve Nursing Teamwork, Leadership and Communication Skills: A Pilot Project. <i>Simulation and Gaming</i> , 2021, 52, 54-61.	1.2	15
2077	Stakeholder Engagement in a Large Enterprise Class Showcase. <i>Journal of Management Education</i> , 2021, 45, 404-437.	0.6	3
2078	Design and implementation of project-oriented CDIO approach of instrumental analysis experiment course at Northeast Agricultural University. <i>Education for Chemical Engineers</i> , 2021, 34, 47-56.	2.8	12
2079	Perspectives on facilitating dynamic ecology courses online using active learning. <i>Ecology and Evolution</i> , 2021, 11, 3473-3480.	0.8	6
2080	Fostering equity, diversity, and inclusion in large, firstâ€year classes: Using reflective practice questions to promote universal design for learning in ecology and evolution lessons. <i>Ecology and Evolution</i> , 2021, 11, 3464-3472.	0.8	7
2081	Open Educational Resource Exercises for Fisheries Classes. <i>Fisheries</i> , 2021, 46, 76-80.	0.6	1
2082	Expanding the Scope of Statistical Computing: Training Statisticians to Be Software Engineers. <i>Journal of Statistics and Data Science Education</i> , 2021, 29, S7-S15.	0.9	3
2083	Strategies for Using a Spatial Method to Promote Active Learning of Probability Concepts. <i>Journal of Statistics and Data Science Education</i> , 2021, 29, 39-53.	0.9	1
2084	Effects of implementing flipped classroom elements and dynamic inâ€class discussion on student performance. <i>Journal of Food Science Education</i> , 2021, 20, 48-56.	1.0	2
2085	Visual Sensory Cortices Causally Contribute to Auditory Word Recognition Following Sensorimotor-Enriched Vocabulary Training. <i>Cerebral Cortex</i> , 2021, 31, 513-528.	1.6	16
2086	Students as partners: peer-leading in an undergraduate mathematics course. <i>International Journal of Mathematical Education in Science and Technology</i> , 2021, 52, 795-806.	0.8	3
2087	â€Itâ€™s hard to grow when youâ€™re stuck on your ownâ€™: enhancing teaching through a peer observation and review of teaching program. <i>International Journal for Academic Development</i> , 2021, 26, 54-68.	0.8	13
2088	Reflections on integrating the political into environmental education through problem-based learning and political ecology. <i>Journal of Environmental Education</i> , 2021, 52, 1-13.	1.0	6
2089	Self-regulated learning: Overview and potential future directions in geoscience. <i>Journal of Geoscience Education</i> , 2021, 69, 14-26.	0.8	7
2090	How facilitating Kâ€12 professional development shapes science faculty's instructional change. <i>Science Education</i> , 2021, 105, 99-126.	1.8	3

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2091	Configurations of collaborations based on learning orientations amongst medical students. <i>Advances in Health Sciences Education</i> , 2021, 26, 581-598.	1.7	2
2092	Mediating Students'™ Fixation with Grades in an Inquiry-Based Undergraduate Biology Course. <i>Science and Education</i> , 2021, 30, 81-102.	1.7	4
2093	Experiencing Calculus Through Computational Labs: Our Department's™ Cultural Drift Toward Modernizing Mathematics Instruction. <i>Primus</i> , 2021, 31, 434-448.	0.3	2
2094	Improving Undergraduate Epidemiology Education: An Example Using Instructional Teams. <i>American Journal of Epidemiology</i> , 2021, 190, 305-312.	1.6	6
2095	Practical Active Learning Stations to Transform Existing Learning Environments Into Flexible, Active Learning Classrooms. <i>IEEE Transactions on Education</i> , 2021, 64, 95-102.	2.0	15
2096	Online Design Critiques Encourage Student Interaction in the Virtual Classroom. <i>Biomedical Engineering Education</i> , 2021, 1, 159-163.	0.6	1
2097	Two-Stage Collaborative Exams have Little Impact on Subsequent Exam Performance in Undergraduate Mathematics. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 2021, 7, 33-60.	1.3	5
2099	Teaching Tips To Enrich Remote Student Engagement in Transport Phenomena Using a Hybrid Teaching and Assessment Model. <i>Biomedical Engineering Education</i> , 2021, 1, 19-24.	0.6	0
2100	Strategies for Delivering Online Biomedical Engineering Electives During the COVID-19 Pandemic. <i>Biomedical Engineering Education</i> , 2021, 1, 115-120.	0.6	2
2101	Evidence for conceptual change in approaches to teaching. <i>Teaching in Higher Education</i> , 2021, 26, 742-758.	1.7	7
2102	The Eighth Characteristic for Successful Calculus Programs: Diversity, Equity, & Inclusion Practices. <i>Primus</i> , 2021, 31, 70-90.	0.3	14
2103	The "Eyes" Are Watching You: Social Control in an Introduction to Sociology Classroom. <i>Humanity & Society</i> , 2021, 45, 82-98.	0.6	0
2104	Team-Based Inquiry Learning. <i>Primus</i> , 2021, 31, 223-238.	0.3	9
2106	The use of diversified teaching strategies by four university teachers: what contribution to their students'™ learning motivation?. <i>Teaching in Higher Education</i> , 2021, 26, 97-114.	1.7	16
2107	The impact of semester-long authentic research on student experiences. <i>Journal of Biological Education</i> , 2021, 55, 2-16.	0.8	0
2108	Connecting the Stakeholders: Departments, Policy, and Research in Undergraduate Mathematics Education. <i>Primus</i> , 2021, 31, 17-36.	0.3	2
2109	Teaching International Relations through the Format of a Massive Open Online Course (MOOC). <i>International Studies Perspectives</i> , 2021, 22, 1-24.	0.8	9
2110	Doing math with mathematicians to support pedagogical reasoning about inquiry-oriented instruction. <i>Journal of Mathematics Teacher Education</i> , 2021, 24, 127-154.	1.0	5

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2111	The Most Common Group Work Techniques Used Among the Jordanian EFL Teachers when Teaching English as a Foreign Language. <i>Universal Journal of Educational Research</i> , 2021, 9, 222-230.	0.1	0
2112	Introduction to Pain Management for Third-Year Medical Students Team-Based Learning Module. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2021, 17, 11095.	0.5	2
2113	The Learning Factory: Self-directed Project-Based Education. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 114-122.	0.5	2
2114	I Don't Always Teach the History of Economic Thought...But When I Do, I Prefer an NCAA-Style Tournament. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2115	Across the disciplines: our gained knowledge in assessing a first-year integrated experience. <i>International Journal of Technology and Design Education</i> , 2022, 32, 1369-1391.	1.7	1
2116	Improving Students' Writing Participation and Achievement in an Edpuzzle-Assisted Flipped Classroom. <i>Education of English As A Foreign Language</i> , 2021, 4, 1-8.	0.1	2
2117	Identifying Clinical Behaviors Using the Motor Learning Classification Framework: A Pilot Study. <i>Journal of Voice</i> , 2023, 37, 290.e17-290.e24.	0.6	3
2119	Using Discussion to Teach Capstone Courses in Psychology. <i>Creative Education</i> , 2021, 12, 122-139.	0.2	0
2120	The Crucial Importance of Typical Discussion Roles of Pupils for the Effective Implementation of Peer Instruction in Teaching Elementary School Mathematics. <i>Scientia in Educatione</i> , 2021, 11, 53-70.	0.2	0
2121	Pharmacy students' perception of learning and engagement in a flipped-classroom of a physiology course. <i>Innovations in Education and Teaching International</i> , 0, , 1-9.	1.5	2
2122	The impact of Flipped Classroom Strategy of Teaching Mathematics on Students' Achievements at Umm Al-Qura University. <i>Journal of Education</i> , 2021, 81, 50-69.	0.0	0
2123	Integrating social media as cooperative learning tool in higher education classrooms: An empirical study. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 3722-3731.	2.7	24
2124	Totally Flipping Instruction Advantages, Alternative Models, and Challenges of a Flipped Classroom in K-12 and Higher Education. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 158-175.	0.2	1
2125	Gamification Applications in E-learning: A Literature Review. <i>Technology, Knowledge and Learning</i> , 2022, 27, 139-159.	3.1	95
2126	Artificial Intelligence (AI)-enabled remote learning and teaching using Pedagogical Conversational Agents and Learning Analytics. , 2021, , 3-29.		1
2127	Active Distance Learning of Embedded Systems. <i>IEEE Access</i> , 2021, 9, 41104-41122.	2.6	19
2128	African American Students, Racism, and Academic Injustice. , 2021, , 666-689.		0
2129	Developing Effective Screencast Modules for Teaching Computational Techniques in Remote Modalities. <i>Biomedical Engineering Education</i> , 2021, 1, 307-311.	0.6	1

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2130	STEM education: A tale of two paradigms. <i>Journal of Food Science Education</i> , 2021, 20, 8-15.	1.0	12
2131	The Goal of the Universal Design for Learning: Development of All to Expert Learners. <i>Inclusive Learning and Educational Equity</i> , 2021, , 23-57.	0.2	5
2132	Developing the FILL+ Tool to Reliably Classify Classroom Practices Using Lecture Recordings. <i>Journal for STEM Education Research</i> , 2021, 4, 194-216.	0.5	3
2133	Why students do not turn on their video cameras during online classes and an equitable and inclusive plan to encourage them to do so. <i>Ecology and Evolution</i> , 2021, 11, 3565-3576.	0.8	209
2134	Relationship Between Professional Competencies Required by Engineering Students According to ABET and CDIO and Teachingâ€“Learning Techniques. <i>IEEE Transactions on Education</i> , 2022, 65, 46-55.	2.0	7
2135	Participating in an Online Working Group and Reforming Instruction: the Case of Dr. DM. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 2021, 7, 107-139.	1.3	4
2136	Using The Cancer Genome Atlas as a Tool to Improve Undergraduate Student Understanding of Cancer Genetics and the Hallmarks of Cancer Progression. <i>Journal of Cancer Education</i> , 2021, , 1.	0.6	1
2137	Breaking Bricks: A Hands-On Model of Enzyme Kinetics and Inhibition. <i>CourseSource</i> , 0, 8, .	0.0	2
2138	Organ Recitals: A Large Group Active Learning Technique. <i>IAMSE Manuals</i> , 2021, , 121-130.	0.1	0
2139	Auto-Assessment of Teamwork and Communication Competences Improvement Applying Active Methodologies. Comparing Results Between Students of First Academic Year in Architecture, Economics and Engineering Degrees. <i>Lecture Notes in Computer Science</i> , 2021, , 193-209.	1.0	2
2140	A Framework & Lesson to Engage Biology Students in Communicating Science with Nonexperts. <i>American Biology Teacher</i> , 2021, 83, 17-25.	0.1	12
2141	Writing a review article: what to do with my literature review. <i>Chemistry Education Research and Practice</i> , 2021, 22, 561-564.	1.4	8
2142	Digital Technologies for Teaching for Allied Healthcare Students and Future Directions. , 2021, , 581-593.		0
2143	Stretching UDL Beyond the Classroom. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 451-470.	0.2	1
2144	Preparing Future Teachers for the Challenges of the Digital Learner. <i>Advances in Mobile and Distance Learning Book Series</i> , 2021, , 183-198.	0.4	0
2145	A Critical Feminist Approach for Equity and Inclusion in Undergraduate Biology Education. , 2021, , 149-176.		0
2146	Automated Assessment of and Feedback on Concept Maps during Inquiry Learning. <i>IEEE Transactions on Learning Technologies</i> , 2021, , 1-1.	2.2	8
2147	A survival model for course-course interactions in a Massive Open Online Course platform. <i>PLoS ONE</i> , 2021, 16, e0245718.	1.1	5

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2148	Developing Collaborative Thinkers: Rethinking how we Define, Teach, and Assess Class Participation. <i>Teaching of Psychology</i> , 2022, 49, 176-184.	0.7	6
2149	Making sense of sensemaking: using the sensemaking epistemic game to investigate student discourse during a collaborative gas law activity. <i>Chemistry Education Research and Practice</i> , 2021, 22, 328-346.	1.4	7
2151	The MAPS model of self-regulation: Integrating metacognition, agency, and possible selves. <i>Metacognition and Learning</i> , 2021, 16, 297-318.	1.3	34
2152	Online learning: How do brick and mortar schools stack up to virtual schools?. <i>Education and Information Technologies</i> , 2021, 26, 6567-6588.	3.5	15
2153	Remote Medical Education: Adapting Kern's Curriculum Design to Tele-teaching. <i>Medical Science Educator</i> , 2021, 31, 805-812.	0.7	16
2154	Data-rich textbook figures promote core competencies: Comparison of two textbooks. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 392-406.	0.5	4
2155	Learning and Teaching in Higher Education. <i>Springer Briefs in Education</i> , 2021, , 33-52.	0.2	0
2156	Making it stick: use of active learning strategies in continuing medical education. <i>BMC Medical Education</i> , 2021, 21, 44.	1.0	37
2157	The Methodology of Project-Oriented Learning at the Postgraduate Level for the Training of Student Competencies. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 185-204.	0.2	0
2158	Technology to Support Active Learning in Higher Education. <i>Lecture Notes in Educational Technology</i> , 2021, , 1-11.	0.5	3
2159	Implementing a flipped classroom approach in remote instruction. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1245-1250.	1.9	11
2160	A Faculty Development Workshop for Planning and Implementing Interactive Virtual Case-Based Teaching. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2021, 17, 11126.	0.5	9
2161	Interprofessional Education Week: the impact of active and passive learning activities on students' perceptions of interprofessional education. <i>Journal of Interprofessional Care</i> , 2021, 35, 799-802.	0.8	4
2162	Teaching Undergraduate STEM Students as Emerging Adults. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 176-190.	0.2	0
2163	Barriers to a STEM Career. , 2021, , 1469-1495.		1
2164	Making Class Time Count. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2021, , 193-217.	0.2	0
2165	Incorporating Active Learning into Moral Education to Develop Multiple Intelligences: A Qualitative Approach. <i>Indonesian Journal on Learning and Advanced Education (IJOLAE)</i> , 2020, 3, 17-29.	0.1	12
2166	Student Feedback on Educational Innovation in Control Engineering: Active Learning in Practice. <i>IEEE Transactions on Education</i> , 2021, 64, 432-437.	2.0	6

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2616	The Snowball Effect. <i>Advances in Early Childhood and K-12 Education</i> , 2021, , 14-30.	0.2	0
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2862	Analysis of Teaching Techniques and Scheme of Work in Teaching Chemistry in Rwandan Secondary Schools. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2020, 16, .	0.7	11
2863	Virtual Reality Laboratories: A Way Forward for Schools?. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2020, 16, em1856.	0.7	18
2864	Flipping the Classroom for Optimizing Undergraduate Students's™ Motivation and Understanding of Medical Physics Concepts. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2020, 16, em1899.	0.7	10
2865	Mathematics for Computer Science: A Flipped Classroom with an Optional Project. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2020, 16, em1915.	0.7	8
2866	Authentic Undergraduate Research in Plant Science: The Importance of Mentor-Student Relationships. <i>International Journal of Innovation in Science and Mathematics Education</i> , 2019, 27, .	0.1	2
2867	Redesigning first year anatomy and physiology subjects for allied health students: Introducing active learning experiences for physiology in a first semester subject. <i>International Journal of Innovation in Science and Mathematics Education</i> , 2019, 27, .	0.1	2
2868	Redesigning first year anatomy and physiology subjects for allied health students: Impact of active learning strategies. <i>International Journal of Innovation in Science and Mathematics Education</i> , 2019, 27, .	0.1	5
2869	Virtual Reality in Higher Education. <i>International Journal of Innovation in Science and Mathematics Education</i> , 2019, 27, .	0.1	32
2870	DETERMINATION OF EDUCATIONAL EFFICIENCY AND STUDENTS's™ INVOLVEMENT IN THE FLIPPED BIOLOGY CLASSROOM IN PRIMARY SCHOOL. <i>Journal of Baltic Science Education</i> , 2018, 17, 162-176.	0.4	20
2871	RECOGNITION OF INDICATORS FOR THE DEVELOPMENT OF THE COGNITIVE DIMENSIONS IN TERTIARY EDUCATION. <i>Problems of Education in the 21st Century</i> , 2018, 76, 762-778.	0.3	4
2872	Implementation of Modeling Instruction in a High School Chemistry Unit on Energy and States of Matter. <i>Science Education International</i> , 2019, 30, .	0.1	3
2873	Active Learning to Improve Student Learning Experiences in an Online Postgraduate Course. <i>Frontiers in Education</i> , 2020, 5, .	1.2	14

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2875	Do we pay enough attention to science in medical education?. <i>Canadian Medical Education Journal</i> , 2018, 9, e109-114.	0.3	17
2876	La medición del impacto de las innovaciones metodológicas sobre los resultados de la docencia universitaria. <i>Revista De Investigación Y Educación En Ciencias De La Salud (RIECS)</i> , 2020, 5, 50-69.	0.0	3
2877	The Effect of Co-teaching on Student Cognitive Engagement. <i>Theory & Practice in Rural Education</i> , 2019, 9, 6-19.	0.1	11
2878	Nurse Educators' Perspectives on Implementing Culturally Sensitive and Inclusive Nursing Education. <i>Journal of Nursing Education</i> , 2020, 59, 126-132.	0.4	12
2879	En quoi la diversité des stratégies pédagogiques participe-t-elle à la motivation à apprendre des étudiants? Etude d'un cas particulier. <i>Pédagogiques</i> , 2018, 34, .	0.1	11
2880	Building a Scholarly Network in Learning Communities at the University of Nebraska â€“ Lincoln. <i>Advances in Library and Information Science</i> , 2015, , 16-37.	0.2	1
2881	Africanizing Science Education. <i>Advances in Early Childhood and K-12 Education</i> , 0, , 120-147.	0.2	1
2882	A Collaborative Active Learning Model as a Vehicle for Online Team Learning in Higher Education. <i>Advances in Higher Education and Professional Development Book Series</i> , 0, , 40-59.	0.1	3
2883	â€œSolve the Big Problemsâ€. <i>Advances in Educational Marketing, Administration, and Leadership Book Series</i> , 2019, , 26-48.	0.1	10
2884	Preparing and Training Higher Education Faculty to Ensure Quality Online Learning and Teaching. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2019, , 33-65.	0.2	4
2885	Teaching Millennials and Generation Z. <i>Advances in Medical Education, Research, and Ethics</i> , 2020, , 72-91.	0.1	4
2886	Modern Technologies Used in Education. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2020, , 190-205.	0.2	1
2887	Reframing the lecture versus active learning debate: Suggestions for a new way forward. <i>Education in the Health Professions</i> , 2018, 1, 1.	0.2	11
2888	The Kubler-Ross change curve and the flipped classroom: Moving students past the pit of despair. <i>Education in the Health Professions</i> , 2018, 1, 36.	0.2	11
2889	Active Teaching and Learning Methodologies: Some Considerations. <i>Creative Education</i> , 2015, 06, 1536-1545.	0.2	56
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2898	An argument for the practice of evidence-based teaching in engineering education for developing countries with focus on Nigerian universities. Qscience Proceedings, 2015, 2015, 26.	0.0	1
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2908	Brief Report: Characteristics of Precalculus Through Calculus 2 Programs: Insights From a National Census Survey. Journal for Research in Mathematics Education, 2019, 50, 98-111.	1.0	42
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2910	Teaching students how to think, not what to think: Pedagogy and political psychology. Journal of Social and Political Psychology, 2020, 8, 388-403.	0.6	11

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2915	Evaluating Promising Practices in Undergraduate STEM Lecture Courses. <i>Rsf</i> , 2016, 2, 212.	0.6	4
2916	Brief, cooperative peer-instruction sessions during lectures enhance student recall and comprehension*. <i>Journal of Chiropractic Education</i> , 2016, 30, 87-93.	0.2	11
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2919	Teaching the Plant Kingdom Using Cooperative Learning and Plants Elements: A Case Study with Spanish Secondary School Students. <i>Journal of Turkish Science Education</i> , 2021, 18, 17-31.	0.7	2
2920	Measuring Learning and Promoting Academic Integrity in Online Instruction. <i>Kinesiology Review</i> , 2021, , 1-7.	0.4	1
2921	Faculty Self- and Needs Assessment of Preparedness for Integrating Active Learning Based on Medina's Conceptual Framework. <i>Journal of Medical Education and Curricular Development</i> , 2021, 8, 238212052110445.	0.7	0
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2923	Dynamics of Departmental Change: Lessons From a Successful STEM Teaching Initiative. <i>Change</i> , 2021, 53, 41-47.	0.2	2
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2925	Evaluating Whether Flipped Classrooms Improve Student Learning in Science Education: A Systematic Review and Meta-Analysis. <i>Scandinavian Journal of Educational Research</i> , 2023, 67, 1-19.	1.0	8
2926	Mentoring to enhance diversity in STEM and STEM-intensive health professions. <i>International Journal of Radiation Biology</i> , 2023, 99, 983-989.	1.0	3
2927	A metodologia da problematizaÃ§Ã£o como estratÃ©gia de ensino em curso superior. <i>Research, Society and Development</i> , 2021, 10, e01101320873.	0.0	0
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2929	Institutions and Arguments: Simulating the US Policy-Making Process. <i>PS - Political Science and Politics</i> , 2022, 55, 176-181.	0.3	0

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2931	One Moose, Two Moose, Three Fields, More?. , 2021, , .		1
2932	Teaching meiosis with the <scp>DNA</scp> triangle framework: A classroom activity that changes how students think about chromosomes. <i>Biochemistry and Molecular Biology Education</i> , 2022, 50, 44-54.	0.5	5
2933	Drawing-to-Learn: Active and Culturally Relevant Pedagogy for Biology. <i>Frontiers in Communication</i> , 2021, 6, .	0.6	1
2934	Multiple sclerosis diagnosis: Knowledge gaps and opportunities for educational intervention in neurologists in the United States. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1248-1256.	1.4	12
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2936	The Impact of Active Learning Instructional Techniques on Recreational Therapy Undergraduate Students. <i>SCHOLE A Journal of Leisure Studies and Recreation Education</i> , 0, , 1-10.	0.6	0
2937	Flipped Precalculus for Engineers: An Active Learning Course Transformation. <i>Primus</i> , 0, , 1-21.	0.3	0
2938	Undergraduate Biology Students Received Higher Grades During COVID-19 but Perceived Negative Effects on Learning. <i>Frontiers in Education</i> , 2021, 6, .	1.2	17
2939	Supporting Teaching and Learning Reform in College Mathematics: Finding Value in Communities of Practice. <i>Journal for STEM Education Research</i> , 2021, 4, 380-396.	0.5	3
2940	Comprehensive Physical Chemistry Learning Based on Blended Learning: A New Laboratory Course. <i>Journal of Chemical Education</i> , 2021, 98, 3864-3870.	1.1	6
2941	Flipped Classroom and gamification in Automated Manufacturing lab classes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1193, 012134.	0.3	1
2942	Reviewing the trends of construction education research in the last decade: a bibliometric analysis. <i>International Journal of Construction Management</i> , 2023, 23, 1571-1580.	2.2	3
2943	Development of the Online and Blended Teaching Readiness Assessment (OBTRA). <i>Frontiers in Education</i> , 2021, 6, .	1.2	4
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2946	Do we achieve anything by teaching research integrity to starting PhD students?. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	1.3	9
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2949	Applying Research-Based Teaching Strategies in a Biomedical Engineering Programming Course: Introduction to Computer Aided Diagnosis. Biomedical Engineering Education, 2021, , 1-19.	0.6	3
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2953	The prisoner's™ dilemma and economics 101: Do active learning exercises correlate with student performance?. Journal of the Scholarship of Teaching and Learning, 0, , 79-91.	0.2	1
2954	Active Learning Improves Student Performance in a Respiratory Physiology Lab. Journal of Curriculum and Teaching, 2014, 4, .	0.1	0
2955	Teaching Science to Elementary School Deaf Children in Brazil. Creative Education, 2015, 06, 2127-2135.	0.2	10
2956	Does Active Learning Improve Student Performance? A Randomized Experiment in a Chilean University. SSRN Electronic Journal, 0, , .	0.4	0
2957	A Science Fair Partnership: An Active Learning Experience for Teacher Candidates. Journal of College Science Teaching, 2015, 045, .	0.5	0
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2962	Digital teaching tools and global learning communities. F1000Research, 2015, 4, 59.	0.8	1
2963	Question de cours (magistral)Â:Âune bibliographie sÃ©lective. Distances Et MÃ©diations Des Savoirs, 2015, 3, .	0.4	0
2964	An argument for the practice of evidence-based teaching in engineering education for developing countries with focus on Nigerian universities. Qscience Proceedings, 2015, , .	0.0	1
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2970	From novice to expert. Xrds, 2015, 22, 16-17.	0.2	0
2971	On the Fly Design: Evolving a Collaborative System to Support Active Learning. , 0, , .		0
2972	Purpose of the Book and Editorial Perspectives. , 2016, , 3-10.		0
2974	Erfaringer med studentaktive læringsformer i teknologirikt undervisningsrom. Uniped, 2015, 38, 364-372.	0.1	1
2975	Studenters erfaringer med Flipped Classroom i en helsefagutdanning. Nordisk Tidsskrift for Helseforskning, 2015, 11, 189.	0.1	0
2976	Learner-Centered Teaching for Environmental and Sustainability Studies. , 2016, , 1-28.		3
2978	Experiências de aprendizagem mais efetivas segundo acadêmicos de Odontologia. Revista Da ABENO, 2016, 15, 80-87.	0.0	1
2979	Cloud-Based Social Media as LMS. Advances in Educational Technologies and Instructional Design Book Series, 2016, , 94-105.	0.2	0
2980	Assessing the impact of a Multi-Disciplinary Peer-Led-Team Learning Program on Undergraduates STEM Education. Journal of University Teaching and Learning Practice, 2016, 13, 61-82.	0.6	8
2981	Resources for Assessing Educational Interventions in Biology at the Collegiate Level. CourseSource, 0, 3, .	0.0	0
2982	Effective Integration of a Student Response System in An Undergraduate Computer Science Classroom: An Active-Engagement Instructional Strategy. Communications in Computer and Information Science, 2016, , 95-103.	0.4	0
2983	Examining the "Service" of Business Education for Women: A Service-Dominant Logic Perspective. , 2016, , 1-7.		0
2984	Learning Style for First Year Saudi Medical Students at Qassim University: Gender Differences. British Journal of Education Society & Behavioural Science, 2016, 14, 1-8.	0.1	0
2986	Understanding How This Program Can Help You Take Control of Your Emotions (Session 1 of the) Tj ETQq1 1 0.784314 rgBT 0Overload		
2987	A Story of Teaching Using Inquiry. Association for Women in Mathematics Series, 2016, , 257-271.	0.1	0
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2992	Giving Enterprising Engineers a Business Edge. , 2016, , 93-102.		0
2994	Assessment 'for' Learning. Advances in Higher Education and Professional Development Book Series, 2016, , 121-153.	0.1	0
2995	Spilvendte klasserom kan bidra til bedre akademiske prestasjoner i h�yere �konomisk utdanning. Uniped, 2016, 9, 47-60.	0.1	3
2996	Six Reasons to Teach Undergraduate Courses in SCALE-UP Classrooms: Suggestions for Higher Education Authorities and Instructors. Egitim Ve Bilim, 2016, 41, .	0.1	2
2997	Determinants of Student Success in Anatomy and Physiology: Do Prerequisite Courses Matter?. HAPS Educator, 2016, 20, 38-45.	0.4	3
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3000	Technological Innovation and Entrepreneurship: Education, Social Good and Economic Development. World Technopolis Review, 2016, 5, 19-29.	0.1	3
3001	The Use of Song to Open an Educational Development Workshop: Exploratory Analysis and Reflections. To Improve the Academy, 2016, 35, 284-302.	0.3	1
3002	Faculty Perceptions of Challenges and Enablers of Effective Teaching in a Large Research-Intensive University: Preliminary Findings. Collected Essays on Learning and Teaching, 0, 9, 133-144.	0.0	2
3003	'TECHNOLOGIZING' THE POSTGRADUATE CLASSROOM. EDULEARN Proceedings, 2016, , .	0.0	1
3005	Active Learning: Developing Self-Directed Learners Through Strong Intellectual Engagement. CourseSource, 0, 4, .	0.0	3
3006	The Case Study. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 1-14.	0.2	0
3007	Promoting Active Learning in Large Classrooms: Going Beyond the Clicker. Lecture Notes in Computer Science, 2017, , 95-103.	1.0	3
3008	Health Information Literacy as a Tool for Addressing Adolescent Behaviors, Knowledge, Skills, and Academic Trajectories. Computers in Health Care, 2017, , 119-136.	0.2	1
3009	Higher Education: Model for Constructive Change? Or Mirror of Humanity's Chain of Pain?. , 2017, , 33-54.		0
3010	Using Inquiry to Teach Mathematics in Secondary and Post-secondary Education. ICME-13 Monographs, 2017, , 755-756.	1.0	0
3011	Linking Theory to Practice in Inclusive Education. , 2017, , 33-62.		1

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3015	The Importance of the Disciplinary Perspective in Educational Research. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 198-213.	0.2	0
3016	Changing Culture through Active Learning. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 96-115.	0.2	0
3017	Examining the "Service" of Business Education for Women: A Service-Dominant Logic Perspective. , 2017, , 775-781.		0
3018	The Know Your Self Curriculum: Overview and Research Results. , 2017, , 133-153.		0
3019	Design of a teachers' training workshop for improving technology integration skills. Proceedings of the Canadian Engineering Education Association (CEEA), 0, , .	0.2	0
3020	STUDENT "ATTENDANCE" IN ONLINE LECTURES. , 2017, , .		0
3021	VISUALIZATION, EXPERIMENTATION AND DISCUSSION: A TEACHING STRATEGY FOR TEACHING-LEARNING OF MECHANICS OF MATERIALS. EDULEARN Proceedings, 2017, , .	0.0	1
3023	INNOVATION MATHEMATICS PROJECT, BLENDED EDUCATION IN PRACTICE: A CASE STUDY AT DELFT UNIVERSITY OF TECHNOLOGY. , 2017, , .		0
3024	Sosyal Bilgiler ve Tarih Derslerinde Farklılaştırılmaya Yönelik Öğretmen Algıları ve Uygulamaları. Trakya Eğitim Dergisi, 0, , 379-379.	0.0	0
3026	Faculty Teaching Practices and Perceptions: Comparative Analysis Based on Time Spent Lecturing. Collected Essays on Learning and Teaching, 0, 10, 27-44.	0.0	0
3027	Effectiveness of Active Learning Strategies for Engaging Learners and Improving Performance in Data Structures Engineering Course. International Journal of Learning Management Systems, 2017, 5, 61-67.	0.5	0
3028	Active Learning in Advanced Undergraduate Course of Thermodynamic and Statistical Physics. Scientia in Education, 2017, 8, .	0.2	1
3029	Python como primer lenguaje de programación textual en la Enseñanza Secundaria. Education in the Knowledge Society, 2017, 18, 147-162.	2.0	3
3030	Mapping the Nephron Exercise Incorporates Multiple Learning Strategies. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2017, 13, 10635.	0.5	0
3031	Una experiencia de innovación pedagógica basada en la clase inversa y las nuevas tecnologías. Análisis de resultados de aprendizaje y satisfacción en un curso de la universidad. Tecnología, Ciencia Y Educación, 0, , 11-38.	0.0	2
3032	Testing a brief interactive teaching demonstration to explain experimentation in psychology.. Scholarship of Teaching and Learning in Psychology, 2017, 3, 208-219.	0.9	0
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3035	Reacting to the Past: An Introduction to Its Scholarly Foundation. , 2018, , 1-16.		3
3036	Scaling a Reacting Game for Use at a Large Public University. , 2018, , 91-111.		0
3037	Pedagogical sensemaking or "doing school": In well-designed workshop sessions, facilitation makes the difference. Physical Review Physics Education Research, 2017, 13, .	1.4	3
3039	Creating and Implementing Effective Active Learning Experiences. , 2018, , 45-78.		0
3040	Mathematics Teachers Awareness of Teachable Moments in Nigerian Classroom. Eurasia Journal of Mathematics, Science and Technology Education, 2017, 14, .	0.7	0
3041	A Creative Ecosystem to Improve the Students Adaptation to Current Trends in IT Companies. Advances in Intelligent Systems and Computing, 2018, , 708-715.	0.5	2
3042	Pirate Talks " How to prepare and deliver excellent presentations. Journal of Interaction Science, 2017, , .	1.1	0
3043	Impact of Active Learning on Mathematical Achievement: an Empirical Study in Saudi Arabia Primary Schools. International Journal of Innovation and Economic Development, 2018, 4, 57-78.	1.3	0
3044	Adam Ruins Everything, Except Economics. SSRN Electronic Journal, 0, , .	0.4	1
3045	BUSINESS GAME AS A METHOD OF AN ACTIVE EDUCATION FOR THE 6 th YEAR STUDENTS IN THE 1/2 INTERNAL MEDICINE 1/2 DISCIPLINE STUDY (REVIEW OF THE LITERATURE AND OWN EXPERIENCE). Bulletin of Problems Biology and Medicine, 2018, 2, 217.	0.0	1
3046	School Performance Analysis From a Scholastic Learning Process. , 2018, , 526-541.		0
3047	Professional Development for Teaching College Mathematics Using an Integrated Flipped Classroom. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 154-176.	0.2	0
3050	Research in Collegiate Mathematics Education. Association for Women in Mathematics Series, 2018, , 245-268.	0.1	1
3052	Deriving Ohm's Law Using a Guided-Inquiry Investigation. Science Scope (Washington, D C), 2018, 042, .	0.1	1
3053	A Flipped Classroom Approach for Teaching a Master's Course on Artificial Intelligence. Communications in Computer and Information Science, 2018, , 246-276.	0.4	3
3054	Leading Edge Learning in Network Science. , 2018, , 23-44.		2
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3156	Technology-Mediated Assessment in Crossover Learning Assessment Design (CLAD): A Case from Sustainable Engineering Design Education. , 2019, , 1023-1041.		0
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3267	The impact on cognitive development of a self-contained exploratory and technology-rich course on the physics of light and sound. , 2020, , 55-70.		2
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3394	Flipping the Academic Writing Classroom. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 0, , 196-231.	0.2	0
3395	Turning Good Intentions into Good Teaching. <i>Advances in Higher Education and Professional Development Book Series</i> , 0, , 20-53.	0.1	2
3396	Bringing the Study of American Government to Life in a Diverse Classroom. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 0, , 1-17.	0.2	2
3397	Active Learning and the "Teaching" of Migration in Geography. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 0, , 36-54.	0.2	0
3398	Assessment "for" Learning. , 0, , 726-758.		0
3399	A Computer-Based Interactive Activity for Visualizing Crystal Structures in Introductory Materials Science Courses. , 0, , .		0

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3401	Calculus Reform - Increasing STEM Retention and Post-Requisite Course Success While Closing the Retention Gap for Women and Underrepresented Minority Students. , 0, , .		0
3402	Flipping STEM Classrooms Collaboratively Across Campuses in California. , 0, , .		1
3403	Gender and Ethnic Differences in Classroom Engagement and Knowledge Building in Engineering Energy Science Courses. , 0, , .		1
3404	How Solar Boating Teaches the Lessons of Energy Conversion and Conservation. , 0, , .		0
3405	Impact of Classroom Demonstrations and Surveys on Higher-level Learning. , 0, , .		1
3406	Impact of Collaborative Learning on Student Persistence in First Year Design Course. , 0, , .		1
3407	Longitudinal Success of Calculus I Reform. , 0, , .		1
3408	Project-based Learning in a Forensic Engineering Course. , 0, , .		0
3409	Enhancing Students' Learning Experiences through Translational Research in Engineering Education. , 0, , .		0
3410	Transforming a Dynamics Course to an Active, Blended, and Collaborative Format: Focus on the Faculty. , 0, , .		1
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3417	Work in Progress: Integrating Information Literacy into a Multidisciplinary First-year Engineering Program. , 0, , .		0

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3420	Development of a Classroom Response System: A Web-Based Approach Used in SEPT. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 91-101.	0.5	1
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3425	A Learning-centered Educational Paradigm: Case Study on Engineering Technology Students' Design, Problem-solving, Communication, and Group Skills. , 0, , .		0
3426	Affordances and Barriers to Creating Educational Change: A Case Study of an Educational Innovation Implemented into a First-year Engineering Design Course. , 0, , .		0
3427	Board 115: Work in Progress: Retrospective Analysis on the Perspective of Instructors about Transitioning to Using Active-learning Strategies to Teach Mechanical Engineering Classes. , 0, , .		0
3428	Evaluating the Use of Peer Instruction in Civil Engineering Courses. , 0, , .		0
3429	Evolution of Biomedical Engineering Students' Perceptions of Problem Solving and Instruction Strategies During a Challenge-Based Instruction Course. , 0, , .		0
3430	Faculty Development Program on Active Learning for Engineering Faculty in Chile: Sharing Step. , 0, , .		1
3431	Increasing Student Engagement in Engineering Through Transformative Practices. , 0, , .		0
3432	Lessons Learned: Collaborative Faculty Development in Civil Engineering "Moving from an Individual Practice of Teaching to a Community of Scholars of Teaching and Learning. , 0, , .		0
3433	Moving Beyond "Does Active Learning Work?" with the Engineering Learning Observation Protocol (ELCOT). , 0, , .		0
3434	Partnering Strategies for Paired Formative Assessment in Programming. , 0, , .		0
3435	Comparative Analysis of Two Teaching Methods for Large Classes. , 0, , .		0
3436	Diverse Engineering Faculty's Perceptions and Practice of Active Learning at a Southwestern University Abstract. , 0, , .		1
3437	Impact of Active Learning Classrooms on Feedback-Supported Student Learning. , 0, , .		0

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3438	Impact of Evidence-Based Active Learning Faculty Development on Low-SES Engineering Students's Achievement. , 0, , .		0
3439	Project-Based Active Learning Techniques Enhance Computer Programming Academic and Career Self-Efficacy of Undergraduate Biomedical Engineering Students. , 0, , .		1
3440	The Teaching Assistant's Perspective on Flipping an Undergraduate Biomechanics Course. , 0, , .		0
3441	A Student Engagement Evaluation Methodology Inspired from Usability Engineering for Extracting Course Design Requirements. , 0, , .		1
3442	Analyzing Student Achievement to Measure the Effectiveness of Active Learning Strategies in the Engineering Classroom. , 0, , .		0
3443	CoOrdinated Math-Physics Assessment for Student Success (COMPASS) Assessments on Continuing Math Courses and Attitude Toward Math. , 0, , .		0
3444	Emerging Role of 2-year Hispanic-serving Institutions (HSIs) in Advanced Technological Education (ATE): Challenges, Opportunities, and Impacts for Growing the United States Technical Workforce. , 0, , .		0
3445	Enhancing STEM Retention and Graduation Rate by Incorporating Innovative Teaching Strategies in Selected STEM Introductory Courses. , 0, , .		0
3446	Fostering Inclusion and Teaching Equity in a Modern Physics for Engineers Course. , 0, , .		0
3447	Getting Your Hands Dirty in Integral Calculus. , 0, , .		0
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3449	Maintaining Dual ABET Accreditation in a Computer Science and Engineering Technology Program. , 0, , .		0
3450	Moving an Agenda of Active Learning in Engineering Forward Through a Model of Distributed Expertise. , 0, , .		0
3451	Overcoming Affective and Cognitive Chemistry Challenges in an Introductory Environmental Engineering Course Using a Flint Water Crisis Case Study. , 0, , .		0
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3660	A Proof-of-Concept Study of Can't Wait to Learn: A Digital Game-Based Learning Program for Out-of-School Children in Lebanon. <i>Journal on Education in Emergencies</i> , 2022, 8, 76.	0.1	0
3662	Active Learning Compared With Lecture-Based Pedagogies in Gender and Socio-Cultural Context-Specific Major and Non-Major Biology Classes. <i>Advances in Higher Education and Professional Development Book Series</i> , 2022, , 293-319.	0.1	2
3663	VYUŠŤITÄ•MODERNÄCH VÄŤKOVÄCH METOD PÄŤI VÄŤCE EKONOMICKÄCH PÄŤEDMÄŠŤÄ®. , 0, , .		0
3664	Community Engagement in the Earth Sciences. , 2022, , 497-514.		0
3665	Case study from UniversitÄ© Claude Bernard, Lyon 1. <i>Open Education Studies</i> , 2022, 4, 120-135.	0.4	0
3666	The digital transformation of higher education â€œ uni for nothinâ€™™, MOOCs for freeâ€™?. <i>Journal of Information Technology Case and Application Research</i> , 2022, 24, 34-60.	0.4	3
3667	Knowledge Co-creation and Sustainable Education in the Labor Market-Driven Universityâ€™“Business Environment. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	22
3668	Techno Pedagogical Applications in the Context of Remote Learning - Case Studies and Best Practices in Higher Education. , 0, , .		0
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3671	Embedded System Design Student's Learning Readiness Instruments: Systematic Literature Review. <i>Frontiers in Education</i> , 2022, 7, .	1.2	2
3672	Active learning and <sc>STEM</sc> education: Who is active? Who is learning?. <i>School Science and Mathematics</i> , 2022, 122, 71-73.	0.5	0
3673	Active learning reflective review: Key to re-engage students back in the classroom after a pandemic hiatus. <i>International Journal of Research Studies in Education</i> , 2022, 11, .	0.1	1
3674	Introducing immunohistochemistry to the molecular biology laboratory. <i>Biochemistry and Molecular Biology Education</i> , 2022, 50, 229-236.	0.5	1
3675	Future of the Flipped Classroom in Chemistry Education: Recognizing the Value of Independent Preclass Learning and Promoting Deeper Understanding of Chemical Ways of Thinking During In-Person Instruction. <i>Journal of Chemical Education</i> , 2022, 99, 1503-1508.	1.1	16
3676	How are undergraduate STEM instructors leveraging student thinking?. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	9
3677	Racism, sexism and disconnection: contrasting experiences of Black women in STEM before and after transfer from community college. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	12
3678	I will teach you here or there, I will try to teach you anywhere: perceived supports and barriers for emergency remote teaching during the COVID-19 pandemic. <i>International Journal of STEM Education</i> , 2022, 9, 19.	2.7	22
3679	One is the Loneliest Number: Groupwork within Linguistically Diverse Classrooms. <i>Primus</i> , 0, , 1-13.	0.3	1
3680	Adverse drug reaction management in hospital settings: review on practice variations, quality indicators and education focus. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 781-791.	0.8	5
3681	A co-creation experiment for virtual laboratories of mechanics in engineering education. <i>Computer Applications in Engineering Education</i> , 2022, 30, 991-1008.	2.2	3
3682	The effect of online and in-person team-based learning (TBL) on undergraduate endocrinology teaching during COVID-19 pandemic. <i>BMC Medical Education</i> , 2022, 22, 120.	1.0	11
3683	EFFECT OF TASK-BASED LEARNING ON STUDENTS' UNDERSTANDING OF CHEMICAL REACTIONS AMONG SELECTED RWANDAN LOWER SECONDARY SCHOOL STUDENTS. <i>Journal of Baltic Science Education</i> , 2022, 21, 140-155.	0.4	6
3684	Becoming a competent classroom manager: A case-study of a preservice teacher education course. <i>Teaching Education</i> , 2023, 34, 147-169.	0.9	1
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3686	Application of WeChat-based flipped classroom on root canal filling teaching in a preclinical endodontic course. <i>BMC Medical Education</i> , 2022, 22, 138.	1.0	9
3687	Which evidence-based teaching practices change over time? Results from a university-wide STEM faculty development program. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	2

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3689	Identifying capital for school improvement: recommendations for a whole school approach to ESD implementation. <i>Environmental Education Research</i> , 0, , 1-23.	1.6	3
3690	Effects of Reading Interventions on Student Understanding of and Misconceptions about Antibiotic Resistance. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	3
3691	Rapid Pivot of CURE Wet Lab to Online with the Help of Instructor Communities. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	6
3692	Effect of shift to virtual teaching on active learning: A snapshot. <i>Journal of Dental Education</i> , 2022, , .	0.7	0
3693	How Do Undergraduate Biology Instructors Engage With the Open Educational Resource Life Cycle?. <i>Frontiers in Education</i> , 2022, 7, .	1.2	1
3694	Effectiveness of the combination of workshops and flipped classroom model to improve tube fixation training for nursing students. <i>World Journal of Clinical Cases</i> , 2022, 10, 2447-2456.	0.3	1
3695	El aula invertida en la mejora de la calidad del aprendizaje en un posgrado en Administraci3n. <i>Revista Electronica De Investigacion Educativa</i> , 0, 24, 1-15.	0.4	2
3696	STEM courses are harder: evaluating inter-course grading disparities with a calibrated GPA model. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	6
3697	Didactical Disciplinary Literacy in Mathematics: Making Meaning From Textbooks. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 0, , 1.	1.3	1
3698	Nursing students' perceptions of the efficacy of narrative photography as a learning method: A <sc>crossâ€sectional</sc> study. <i>Australian Journal of Cancer Nursing</i> , 2022, 24, 380-386.	0.8	3
3699	Getting schooled in physics the hard way: A long journey to an inclusive pedagogy. <i>Physics Teacher</i> , 2022, 60, 236-237.	0.2	1
3700	An Open-Source Active Learning Curriculum for Data Science in Engineering. <i>The Journal of Open Source Education</i> , 2022, 5, 117.	0.2	0
3701	The Importance of Professional Development in a Programmatic Assessment System: One Medical Schoolâ€™s Experience. <i>Education Sciences</i> , 2022, 12, 220.	1.4	3
3702	A case study of strategies for intentionally building course community to support diverse learners in an introductory statistics course. <i>Teaching Statistics</i> , 0, , .	0.6	1
3703	Inquiry-Based Activities and Games That Engage Students in Learning Atomic Orbitals. <i>Journal of Chemical Education</i> , 2022, 99, 2175-2181.	1.1	6
3704	Probing the effect on student conceptual understanding due to a forced mid-semester transition to online teaching. <i>European Journal of Physics</i> , 2022, 43, 035702.	0.3	2
3705	The â€œNeurospeedâ€ game: a fun tool to learn the neurological semiology. <i>BMC Medical Education</i> , 2022, 22, 224.	1.0	4

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3707	A meta-analysis of peer-assisted learning on examination performance in clinical knowledge and skills education. <i>BMC Medical Education</i> , 2022, 22, 147.	1.0	19
3708	Analiza vzdelávacieho programu pÅ™odopisu na druhom stupni praÅ™skÅ™ch zÅ™kladnÅ™ch Å™kol. <i>Pedagogika</i> , 2022, 72, .	0.1	0
3709	Looking to the Future of Analytical Chemistry Education: A New Resource to Help Instructors. <i>ACS Measurement Science Au</i> , 2022, 2, 76-77.	1.9	1
3710	Comparison of Interactive Teaching in Online and Offline Platforms among Dental Undergraduates. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3170.	1.2	10
3711	Perspective Chapter: The Club Activities Support Project (CASP). , 0, , .		0
3712	Providing Context for Identifying Effective Introductory Mechanics Courses. <i>Physics Teacher</i> , 2022, 60, 179-182.	0.2	2
3713	Exploring Worksheets and Attendance-taking as Gatekeeping Features in a Gateway Course for Latinx STEM Majors. <i>Journal of Latinos and Education</i> , 2023, 22, 1744-1760.	0.5	0
3714	Potential for urban agriculture to support accessible and impactful undergraduate biology education. <i>Ecology and Evolution</i> , 2022, 12, e8721.	0.8	1
3715	Engagement with video content in the blended classroom. <i>Essays in Biochemistry</i> , 2022, 66, 5-10.	2.1	4
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3717	An Interactive, Multimodal Curriculum to Teach Pediatric Cardiology to House Staff. <i>Pediatric Cardiology</i> , 2022, 43, 1359-1364.	0.6	1
3718	Recent trends of microbial decontamination for occupational, industrial and domestic applications. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	1
3719	The impact of e-learning, gender-groupings and learning pedagogies in biology undergraduate female and male students' attitudes and achievement. <i>Education and Information Technologies</i> , 2022, 27, 8329-8380.	3.5	7
3720	Online Orbital Explorer and BingOrbital Game for Inquiry-Based Activities. <i>Journal of Chemical Education</i> , 2022, 99, 2135-2142.	1.1	5
3721	Gamifying Virtual Exploration of the Past 350 Million Years of Vertebrate Evolution. <i>Frontiers in Education</i> , 2022, 7, .	1.2	2
3722	Perspectives on Active Learning: Challenges for Equitable Active Learning Implementation. <i>Journal of Chemical Education</i> , 2022, 99, 1691-1699.	1.1	16
3723	Self-reported Learning and Study Strategies in First and Second Year Medical Students. <i>Medical Science Educator</i> , 2022, 32, 329-335.	0.7	4

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3725	Encouraging Students's™ Motivation and Involvement in STEM Degrees by the Execution of Real Applications in Mathematical Subjects: The Population Migration Problem. <i>Mathematics</i> , 2022, 10, 1228.	1.1	0
3726	Teaching PSE mastery during, and after, the COVID-19 pandemic. <i>Computers and Chemical Engineering</i> , 2022, 160, 107741.	2.0	2
3727	Off-campus but hands-on: Mail out practicals with synchronous online activities during COVID-19. <i>Education for Chemical Engineers</i> , 2022, 39, 84-93.	2.8	7
3728	Self-concept but not prior knowledge moderates effects of different implementations of computer-assisted inquiry learning activities on students' learning. <i>Journal of Computer Assisted Learning</i> , 2022, 38, 1141-1159.	3.3	6
3729	The flip side of teaching process design and process control to chemical engineering undergraduates – And completely online to boot. <i>Education for Chemical Engineers</i> , 2022, 39, 44-57.	2.8	8
3730	We Can't Fail Again: Arguments for Professional Development in the Wake of COVID-19. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	0
3731	Simulation led optical design assessments: Emphasizing practical and computational considerations in an upper division physics lecture course. <i>American Journal of Physics</i> , 2022, 90, 279-285.	0.3	1
3732	Undergraduates' Experiences with Online and in-Person Courses Provide Opportunities for Improving Student-Centered Biology Laboratory Instruction. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	6
3733	Verbalized Studying and Elaborative Interrogation in the Virtual Classroom: Students with Social Anxiety Prefer Working Alone, but Working with a Peer Does Not Hurt Their Learning. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	2
3734	Developing the Student Postsecondary Instructional Practices Survey in Mathematics for Measuring Student Experiences in Introductory Mathematics Courses. <i>Investigations in Mathematics Learning</i> , 0, , 1-15.	0.7	1
3735	Mieux comprendre les mécanismes d'apprentissage pour faciliter la mise en application des connaissances issues de la recherche et favoriser la réussite scolaire des élèves. , 2022, 1, 219-235.		1
3736	Identifying systemic inequity in higher education and opportunities for improvement. <i>PLoS ONE</i> , 2022, 17, e0264059.	1.1	3
3737	Correlation of Motor Competence and Social-Emotional Wellbeing in Preschool Children. <i>Frontiers in Psychology</i> , 2022, 13, 846520.	1.1	7
3738	Simple experiment on legume-rhizobium symbiosis aimed at students without laboratory experience. <i>Journal of Biological Education</i> , 0, , 1-15.	0.8	1
3739	Overcoming misconceptions and enhancing student's physical understanding of civil and environmental engineering fluid mechanics. <i>Physics of Fluids</i> , 2022, 34, .	1.6	3
3740	Reframing Educational Outcomes: Moving beyond Achievement Gaps. <i>CBE Life Sciences Education</i> , 2022, 21, es2.	1.1	11
3741	Racial and gender achievement gaps in an economics classroom. <i>International Review of Economics Education</i> , 2022, 40, 100239.	0.9	1

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3743	Improving student engagement during in-person classes by using functionalities of a digital learning environment. <i>Computers and Education</i> , 2022, 183, 104496.	5.1	12
3744	OOP Codes: Teaching Object-Oriented Programming Concepts Through a Mobile Serious Game. , 2021, , .		0
3745	Analysis of the Difficulties When Applying Positive Teaching Methods in Credit Training at Public Universities in Vietnam. , 2021, , .		0
3746	Building Bridges and Breaking Barriers: OER and Active Learning in Mathematics. , 2021, 1, 1-20.		0
3747	Educational Innovation: Focusing on enhancing the skills of Generation Z workforce in STEM. , 2021, , .		8
3749	Panel: How do we teach in Engineering? Educational Paradigms and Teaching Strategies for University Educators. , 2021, , .		2
3750	Teaching Econometrics Dynamically with R-Shiny. <i>PS - Political Science and Politics</i> , 2022, 55, 225-229.	0.3	0
3751	Neuroscience in the Psychology Curriculum. <i>Springer International Handbooks of Education</i> , 2022, , 1-29.	0.1	0
3752	Pupils' Academic Self-efficacy in Subject-specific and Integrated Curriculum Instruction. <i>Scandinavian Journal of Educational Research</i> , 0, , 1-16.	1.0	1
3753	The CLEAR Framework to Implement Active Learning in STEM Education. , 2021, , .		1
3754	Telepresence with Hologram Effect: Technological Ecosystem for Distance Education. <i>Sustainability</i> , 2021, 13, 14006.	1.6	5
3755	Using Environmental Physiology to Teach Physiological Regulation. <i>Education Sciences</i> , 2022, 12, 6.	1.4	0
3756	Extending Equity, Access, and Inclusion: An Evolving Multifaceted Approach to Transform a General Chemistry Course at a Large, Flagship, Research Institution. <i>Journal of Chemical Education</i> , 2022, 99, 227-238.	1.1	2
3757	Instructor facilitation mediates students' negative perceptions of active learning instruction. <i>PLoS ONE</i> , 2021, 16, e0261706.	1.1	5
3758	Formação docente, metodologias ativas e problematização: diálogos com Paulo Freire. <i>Revista De Iniciação À Docência</i> , 2021, 6, 526-548.	0.1	0
3760	A Family of Turn Based Strategy Games with Moose. , 2021, , .		0
3763	Proof of Concept: Game-Based Mobile Learning – The First Experience With the App Actionbound as Case-Based Geocaching in Education of Veterinary Neurology. <i>Frontiers in Veterinary Science</i> , 2021, 8, 753903.	0.9	7

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3765	Validation of Internal structure of Self-Directed Learning Readiness Scale among Indian Medical Students using factor analysis and the Structural equation Modelling Approach. BMC Medical Education, 2021, 21, 614.	1.0	2
3767	Modifying the ASPECT Survey to Support the Validity of Student Perception Data from Different Active Learning Environments. Journal of Microbiology and Biology Education, 2021, 22, .	0.5	0
3768	Reading matters more than mathematics in science learning: an analysis of the relationship between student achievement in reading, mathematics, and science. International Journal of Science Education, 2022, 44, 1-17.	1.0	5
3769	Active learning as enabler of sustainability learning outcomes: Capturing the perceptions of learners during a materials education workshop. MRS Energy & Sustainability, 2022, 9, 64-78.	1.3	6
3771	A Storied Approach to Learning Data Analytics in a Graduate Data Analytics Program. Advances in Educational Technologies and Instructional Design Book Series, 2022, , 176-192.	0.2	0
3772	Nouvelle méthode pédagogique en médecine d'urgence : l'escape game. Annales Francaises De Medecine D'Urgence, 2022, 12, 29-35.	0.0	0
3773	An approachable, flexible and practical machine learning workshop for biologists. Bioinformatics, 2022, 38, i10-i18.	1.8	1
3774	Challenges facing interdisciplinary researchers: Findings from a professional development workshop. PLoS ONE, 2022, 17, e0267234.	1.1	14
3775	Digital Storytelling Review in a Pharmacy Self-Care Course. Pharmacy (Basel, Switzerland), 2022, 10, 45.	0.6	2
3776	New Online Accommodations Are Not Enough: The Mismatch between Student Needs and Supports Given for Students with Disabilities during the COVID-19 Pandemic. Journal of Microbiology and Biology Education, 2022, 23, .	0.5	10
3777	An Interactive Web Application Helps Students Explore Water Balance Concepts. Frontiers in Education, 2022, 7, .	1.2	2
3778	Investigating the linkage between professional development and mathematics instructors' use of teaching practices using the theory of planned behavior. PLoS ONE, 2022, 17, e0267097.	1.1	4
3779	Flipped classroom in higher education: An investigation of instructor perceptions through the lens of TPACK. Education and Information Technologies, 2022, 27, 10757-10783.	3.5	2
3780	Implementation of Recitations in General Chemistry I Laboratory Courses to Increase Student Performance. Journal of Chemical Education, 2022, 99, 1838-1846.	1.1	0
3781	Mentoring Female Undergraduates in Research-Centered Outreach. Primus, 0, , 1-19.	0.3	0
3782	Teaching Students to Study More Effectively: Lessons Learned from an Empirical Comparison of a Study Tips Presentation and a Review Article. Journal of College Reading and Learning, 2022, 52, 170-190.	0.4	1
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3784	Comparing students' flow states during apparatus-based versus video-based lab activities. <i>European Journal of Physics</i> , 0, , .	0.3	3
3785	Hands-On, Virtual, Environmental Science Modules: Using Stable Carbon Isotopes as Forensic Tools for Students to Understand Environmental Chemistry From Their Homes. <i>Interdisciplinary Journal of Environmental and Science Education</i> , 2022, 18, e2283.	0.4	0
3786	Application of online learning combined with case-based discussion in oral medicine education. <i>Journal of Dental Education</i> , 2022, 86, 1399-1404.	0.7	2
3787	AJEDI in Science: Leveraging Instructor Communities to Create Antiracist Curricula. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	5
3788	Opening the Pathway: An Example of Universal Design for Learning as a Guide to Inclusive Teaching Practices. <i>CBE Life Sciences Education</i> , 2022, 21, ar28.	1.1	3
3789	Undergraduate R Programming Anxiety in Ecology: Persistent Gender Gaps and Coping Strategies. <i>CBE Life Sciences Education</i> , 2022, 21, ar29.	1.1	4
3790	“It made me feel like a bigger part of the STEM community” Incorporation of Learning Assistants Enhances Students’ Sense of Belonging in a Large Introductory Biology Course. <i>CBE Life Sciences Education</i> , 2022, 21, ar26.	1.1	8
3794	FEAL: Fine-Grained Evaluation of Active Learning in Collaborative Learning Spaces. , 0, , .		0
3795	Adapting Mixed-Mode Instructional Delivery to Thrive within STEM Curricula. , 0, , .		0
3796	International STEM Classrooms: The Experiences of Students Around the World Using Physical Remote Laboratory Kits. , 0, , .		0
3797	An Interactive Web Native Textbook for Material and Energy Balances. , 0, , .		0
3799	Active Learning and Engagement in Mechanics of Solids. , 0, , .		1
3800	Innovation through Propagation: Learning In and Out of the Classroom. , 0, , .		0
3801	Cultivating the Next Generation: Outcomes from a Learning Assistant Program in Engineering. , 0, , .		1
3802	Board # 15 : Catalyzing a Research Agenda for Enhancing Engineering Education through Institutional Collaborations. , 0, , .		0
3803	Feel the Force! An Inquiry-based Approach to Teaching Free-body Diagrams for Rigid-body Analysis. , 0, , .		1
3833	A new resource to help instructors incorporate active learning into analytical chemistry courses. <i>Analytical and Bioanalytical Chemistry</i> , 2022, , 1.	1.9	3
3834	Perceptions of the academic learning environment among occupational therapy students “ changes across a three-year undergraduate study program. <i>BMC Medical Education</i> , 2022, 22, 313.	1.0	3

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3836	Effect of flipped classroom approach in the teaching of a hematology course. PLoS ONE, 2022, 17, e0267096.	1.1	4
3839	Improving Food Insecurity Education in Medical School Through Integrative Service Learning. Journal of Medical Education and Curricular Development, 2022, 9, 238212052210962.	0.7	2
3840	Strategies for Targeting the Learning of Complex Skills Like Experimentation to Different Student Levels: The Intermediate Constraint Hypothesis. , 2022, , 523-545.		2
3842	TIPS for active learning approach in distance learning conditions. AIP Conference Proceedings, 2022, , .	0.3	0
3843	Teaching stereoisomers through gesture, action, and mental imagery. Chemistry Education Research and Practice, 2022, 23, 698-713.	1.4	5
3844	Introduction to Active Learning Techniques. Open Education Studies, 2022, 4, 161-172.	0.4	3
3846	Use of the peer instruction method in blended learning. AIP Conference Proceedings, 2022, , .	0.3	0
3847	Departmental Culture and Pedagogical Choices. , 2022, , .		1
3848	Embedding Ethics in Computer Science Courses. , 2022, , .		12
3849	Criminal Investigations. , 2022, , .		1
3850	Development and Assessment of a Web-based Platform for an Active Learning Physics Lab Session on the linear regression technique. , 2022, , .		0
3851	The Importance of Soft Skills to LIS Education. Journal of Education for Library and Information Science, 2022, 63, 187-215.	0.2	4
3852	A Proposed Machine Learning Based Approach to Support Students with Learning Difficulties in The Post-Pandemic Norm. , 2022, , .		2
3853	From the classroom to the game: applying available pedagogical guidelines in game-based learning. , 2022, , .		2
3854	From pandemic to endemic pedagogy: Being CLEAR in our teaching. New Directions for Teaching and Learning, 2022, 2022, 39-46.	0.2	1
3855	A Decision Model For Using Gamification Technology In Employee Training. , 2022, , .		1
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3857	Microplastics, Marine Copepods & Freshwater Cladocerans. <i>American Biology Teacher</i> , 2022, 84, 223-228.	0.1	0
3858	Team-based learning (TBL): Each phase matters! An empirical study to explore the importance of each phase of TBL. <i>Medical Teacher</i> , 2022, 44, 1125-1132.	1.0	4
3860	Understanding Student Characteristics in the Development of Active Learning Strategies. <i>Medical Science Educator</i> , 2022, 32, 615-626.	0.7	3
3861	Active Learning Strategies for Biodiversity Science. <i>Frontiers in Education</i> , 2022, 7, .	1.2	1
3862	Color-blind or racially conscious? How college science faculty make sense of racial/ethnic underrepresentation in <sc>STEM</sc>. <i>Journal of Research in Science Teaching</i> , 2022, 59, 1822-1852.	2.0	11
3863	A Virtual Reality and Online Learning Immersion Experience Evaluation Model Based on SVM and Wearable Recordings. <i>Electronics (Switzerland)</i> , 2022, 11, 1429.	1.8	1
3864	Impacts of a Near-Peer Urban Ecology Research Mentoring Program on Undergraduate Mentors. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	0
3865	Adaptation of Physical Chemistry Course in COVID-19 Period: Reflections on Peer Instruction and Team-Based Learning. <i>Journal of Chemical Education</i> , 2022, 99, 2252-2258.	1.1	4
3866	Ecological service-learning positively impacts classroom climate and empowers undergraduates for environmental action. <i>Ecosphere</i> , 2022, 13, .	1.0	3
3867	Institutionalizing evidence-based STEM reform through faculty professional development and support structures. <i>International Journal of STEM Education</i> , 2022, 9, 36.	2.7	7
3868	Cultivating not Weeding: STEM First Year Learning Community Fosters Student Persistence and Engagement. <i>The Journal of College Student Retention: Research and Practice</i> , 0, , 152102512210937.	0.9	0
3869	Two Active Learning Models of Protein Dynamics for Use in Undergraduate Biochemistry Courses. <i>Journal of Chemical Education</i> , 2022, 99, 2245-2251.	1.1	1
3870	A Meta-analysis of Studies on the Effects of Active Learning on Asian Students' Performance in Science, Technology, Engineering and Mathematics (STEM) Subjects. <i>Asia-Pacific Education Researcher</i> , 2023, 32, 379-400.	2.2	5
3871	An optogenetics device with smartphone video capture to introduce neurotechnology and systems neuroscience to high school students. <i>PLoS ONE</i> , 2022, 17, e0267834.	1.1	0
3872	Social network development in classrooms. <i>Applied Network Science</i> , 2022, 7, .	0.8	0
3873	Comparison of multimodal active learning and single-modality procedural simulation for central venous catheter insertion for incoming residents in anesthesiology: a prospective and randomized study. <i>BMC Medical Education</i> , 2022, 22, 357.	1.0	5
3874	The effect of gender composition and pedagogical approach on major and non-major undergraduates biology students'™ achievement. <i>Interactive Learning Environments</i> , 2023, 31, 7287-7319.	4.4	0
3875	Using Party Games to Help Students Understand Models of Psycholinguistics. <i>Teaching of Psychology</i> , 2024, 51, 234-239.	0.7	0

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3877	A Broad Doorway to the Big Tent: A Four-Strand Model for Discipline-Based Faculty Development on Inquiry-Based Learning. <i>Primus</i> , 2023, 33, 329-354.	0.3	2
3878	A Team-Based Activity to Support Knowledge Transfer and Experimental Design Skills of Undergraduate Science Students. <i>Journal of Microbiology and Biology Education</i> , 0, , .	0.5	0
3879	Teaching with technologyâ€™ Matching pedagogy with purpose in radiology education. <i>Academic Radiology</i> , 2022, , .	1.3	3
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3881	Team-based learning versus interactive lecture in achieving learning outcomes and improving clinical reasoning skills: a randomized crossover study. <i>BMC Medical Education</i> , 2022, 22, 348.	1.0	7
3883	Relationships Between Undergraduate Student Performance, Engagement, and Attendance in an Online Environment. <i>Frontiers in Education</i> , 2022, 7, .	1.2	6
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3885	Promoting Achievement for Community College STEM Students through Equity-Minded Practices. <i>CBE Life Sciences Education</i> , 2022, 21, ar25.	1.1	6
3886	The impact of flipped classroom: Evaluation of cognitive level and attitude of undergraduate medical students. <i>Annals of Anatomy</i> , 2022, 243, 151952.	1.0	9
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3890	Problem-Based Learning Impacts Studentsâ€™ Reported Learning and Confidence in an Undergraduate Biomedical Engineering Course. <i>Biomedical Engineering Education</i> , 2022, 2, 209-232.	0.6	1
3893	Trading Spaces, Pedagogies, and Technologies: Developing a University Active Learning Center via Public-Private Partnership. <i>International Journal of Kinesiology in Higher Education</i> , 0, , 1-12.	0.3	1
3894	At-Home Yogurt Making to Investigate Microbiology Concepts. <i>American Biology Teacher</i> , 2022, 84, 290-296.	0.1	0
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3903	Improving public understanding of microorganisms by integrating microbiology concepts into science teaching throughout the education system. , 2022, , 107-133.		1
3904	Undergraduate veterinary nursing education: A virtual active learning module integrating knowledge and skills. Education in the Health Professions, 2022, 5, 22.	0.2	0
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3906	Pre-Service Teachersâ€™ Competence and Pedagogical Use of ICT: Are They Ready to Develop Collaborative Activities with Students?. Computers in the Schools, 0, , 1-27.	0.4	2
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3908	Advancing Diversity in Nursing Education: A Groundwater Approach. Journal of Professional Nursing, 2022, 41, 140-148.	1.4	8
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3911	Work in Progress: Transforming laboratory learning experiences for Industrial Engineering education during the COVID-19 pandemic. , 2022, , .		1
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3915	Self-directed learning using computer simulations to study veterinary physiology: Comparing individual and collaborative learning approaches. Veterinary Record, 2022, 191, .	0.2	3
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3918	WebRISC-V: A 32/64-bit RISC-V pipeline simulation tool. <i>SoftwareX</i> , 2022, 18, 101105.	1.2	0
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3929	Why Use Active Learning?. <i>ACS Symposium Series</i> , 0, , 1-12.	0.5	5
3934	Sustaining the Adoption of Active Learning. <i>ACS Symposium Series</i> , 0, , 297-306.	0.5	1
3937	Student-Sponsored Projects in a Capstone Course : Reflections and Lessons Learned. , 2022, , .		2
3938	Three-dimensional visualisation of authentic cases in anatomy learning – An educational design study. <i>BMC Medical Education</i> , 2022, 22, .	1.0	7
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3941	Systematic review of educational interventions to improve the menstrual health of young adolescent girls. <i>BMJ Open</i> , 2022, 12, e057204.	0.8	8
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3943	Design of a Semester-Long Case-Based Active Learning Curriculum for Medical Biochemistry Courses During COVID-19. <i>Journal of Chemical Education</i> , 2022, 99, 2541-2547.	1.1	3
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3949	Use of an augmented reality sand table for satellite remote sensing education. <i>Journal of Geography in Higher Education</i> , 0, , 1-12.	1.4	1
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3961	The inquirer, the sense maker, and the builder: Participant roles in an online working group designed to support inquiry-oriented instruction. <i>Journal of Mathematical Behavior</i> , 2022, 67, 100984.	0.5	1
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3967	Peerâ€Reviewed Embedded Pedagogy: A New Approach to Promote and Improve Active Learning in Science Education. <i>Bulletin of the Ecological Society of America</i> , 0, , .	0.2	0
3968	Why Continuity of STEM-Medicine Participation Matters: Exploring a Culture of Transformation and the Optimization of College Socialization. <i>Journal of Advanced Academics</i> , 2022, 33, 433-468.	0.5	3
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3970	Blended, active, and persistent: An investigative study of blended learning affordances for active learning and student persistence in university-level introductory science courses. <i>Journal of Mathematics and Science Teacher</i> , 2022, 2, em010.	0.3	1
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3974	Competence for Agribusiness Degrees to Support Competence Based Education. <i>European Journal of Education and Pedagogy</i> , 2022, 3, 296-299.	0.2	0
3975	Better together: Using course outcome data and learning communities to foster institutional change. <i>New Directions for Community Colleges</i> , 2022, 2022, 173-187.	0.3	6
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3977	Successes with metacognition: Empowering faculty and transforming student learning. <i>New Directions for Community Colleges</i> , 2022, 2022, 17-33.	0.3	5
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3979	Roadmap to emergency remote teaching. <i>New Directions for Community Colleges</i> , 2022, 2022, 49-62.	0.3	3
3980	Perception of Virtual Learning. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2022, , 165-189.	0.2	0
3981	Examining the relation of high school preparation and college achievement to conceptual understanding. <i>Physical Review Physics Education Research</i> , 2022, 18, .	1.4	4
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3985	An innovative active learning module on snow and climate modeling. <i>Frontiers in Water</i> , 0, 4, .	1.0	0
3986	The Importance of History in an MPH Program: A Qualitative Evaluation of an Applied History of Public Health Course. <i>Pedagogy in Health Promotion</i> , 2022, 8, 251-260.	0.4	1
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3988	Which STEM relationships promote science identities, attitudes, and social belonging? A longitudinal investigation with high school students from underrepresented groups. <i>Social Psychology of Education</i> , 2022, 25, 819-843.	1.2	4
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3990	Mapping active and collaborative learning in higher education through annotations in <sc>hyperâ€video</sc> by learning analytics. <i>Journal of Computer Assisted Learning</i> , 0, , .	3.3	1
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3998	Fellows as Teachers: Supporting Future Educators. <i>NeoReviews</i> , 2022, 23, e438-e447.	0.4	0
3999	Experience Report. , 2022, , .		4
4000	Revisiting Clickers: In-Class Questions Followed by At-Home Reflections Are Associated with Higher Student Performance on Related Exam Questions. <i>Journal of Microbiology and Biology Education</i> , 0, , .	0.5	0
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4004	Propostas de metodologias ativas para aprendizagem na Área de tecnologia de alimentos. <i>Interfaces Da Educaçãõ</i> , 2021, 12, 467-486.	0.0	0
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4006	Virtual professional development on conflict management for school leaders. <i>Frontiers in Education</i> , 0, 7, .	1.2	0
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4008	The Effect of Active Learning in The Flipped Classroom Learning Model on 6th Grade Science Subjects of Elementary School. <i>Journal of Physics: Conference Series</i> , 2022, 2309, 012072.	0.3	0
4009	Fostering Communities of Practice Among Community College Science Faculty. <i>Community College Review</i> , 2022, 50, 391-414.	0.8	3
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4011	Implementation of the Challenge-Based Learning Approach at the Tecnológico de Monterrey, Mexico. , 2022, , 69-92.		1
4012	Green Engineering Education in Environmental Engineering Programme through Active Learning. , 2022, 1, 18-25.		0
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4016	Integrating experience with databases, bioinformatics, and wet lab exercises for students in an introductory genetics course. <i>Biochemistry and Molecular Biology Education</i> , 0, , .	0.5	0
4017	Supporting local school reform toward education for sustainable development: The need for creating and continuously negotiating a shared vision and building trust. <i>Journal of Environmental Education</i> , 2022, 53, 231-249.	1.0	9
4018	Piecing Complement Together with LEGO Bricks: Impacts on Interest, Confidence, and Learning in the Immunology Classroom. <i>ImmunoHorizons</i> , 2022, 6, 488-496.	0.8	1
4019	Ten simple rules for leveraging virtual interaction to build higher-level learning into bioinformatics short courses. <i>PLoS Computational Biology</i> , 2022, 18, e1010220.	1.5	2
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4038	Post-COVID Changes to Assessment Practices: A Case Study of Undergraduate STEM Recitations. Journal of Educational Technology Systems, 0, , 004723952211183.	3.6	5
4039	Impacts on Student Learning and Skills and Implementation Challenges of Two Student-Centered Learning Methods Applied in Online Education. Sustainability, 2022, 14, 9625.	1.6	9
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4042	Hazel: A Low-Cost Learning Platform for Aerosol Measurements. <i>Journal of Chemical Education</i> , 2022, 99, 3203-3210.	1.1	2
4043	A Course-Based Undergraduate Research Experience Improves Outcomes in Mentored Research. <i>CBE Life Sciences Education</i> , 2022, 21, .	1.1	4
4044	Successfully implementing inquiry-based labs: a case study for a college waves and modern physics course. , 2022, , .		1
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4051	Impact of Authentic Inquiry on Undergraduate Studentsâ€™ Self-Reported Understanding of Scientific Practices. <i>Education Research International</i> , 2022, 2022, 1-6.	0.6	0
4052	Plastics Crash Course: A Website for Teaching Plastics Recycling and Microplastics Prevention through Infographics. <i>Recycling</i> , 2022, 7, 65.	2.3	1
4053	Student Engagement during Virtual v.s. Face-To-Face Active Learning Activities in Three IT Courses. , 2022, , .		0
4055	Waving arms around to teach quantum mechanics. <i>American Journal of Physics</i> , 2022, 90, 778-786.	0.3	5
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4058	Collaborative Teaching plus (CT+): A Timely, Flexible, and Dynamic Course Design Implemented during Emergency Remote Teaching in an Introductory Biology Course. <i>CBE Life Sciences Education</i> , 2022, 21, .	1.1	0
4059	Learning Introductory Biology: Studentsâ€™ Concept-Building Approaches Predict Transfer on Biology Exams. <i>CBE Life Sciences Education</i> , 2022, 21, .	1.1	1
4060	Evaluating the Representation of Community Colleges in Biology Education Research Publications following a Call to Action. <i>CBE Life Sciences Education</i> , 2022, 21, .	1.1	3
4061	OSSCAR, an open platform for collaborative development of computational tools for education in science. <i>Computer Physics Communications</i> , 2023, 282, 108546.	3.0	3

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4063	Inquiry-Based Learning in Psychology. <i>Springer International Handbooks of Education</i> , 2022, , 1-30.	0.1	0
4064	Some ideas for applying technology in the discrete mathematics course. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	0
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4066	Inquiry-based mathematics education: a call for reform in tertiary education seems unjustified. <i>STEM Education</i> , 2022, 2, 221.	0.3	2
4067	Interdisciplinary Project-Based Learning: Experiences and Reflections From Teaching Electronic Engineering in China. <i>IEEE Transactions on Education</i> , 2023, 66, 73-82.	2.0	6
4068	Measuring student motivation in foundation-level inorganic chemistry courses: a multi-institution study. <i>Chemistry Education Research and Practice</i> , 2023, 24, 143-160.	1.4	2
4069	Introducing General Relativity in High School: A Guide for Teachers. <i>Challenges in Physics Education</i> , 2022, , 205-213.	0.6	0
4070	Changes in student appreciation of small-group active learning: A follow-up q-methodological study. <i>International Journal of Educational Research Open</i> , 2022, 3, 100199.	1.0	1
4071	Developing Social Interaction Metrics for an Active, Social, and Case-Based Online Learning Platform. <i>Advances in Analytics for Learning and Teaching</i> , 2022, , 299-310.	0.5	0
4072	Designing STEM Learning Activity Based on Virtual Reality. <i>Lecture Notes in Computer Science</i> , 2022, , 88-96.	1.0	2
4073	Challenges of STEM Approach in Higher Education. <i>International Journal of Smart Education and Urban Society</i> , 2022, 13, 1-22.	0.1	3
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4076	A Third-Year Medical School Ophthalmology Curriculum for a Longitudinal Integrated Clerkship Model. <i>Journal of Academic Ophthalmology (2017)</i> , 2022, 14, e209-e215.	0.2	1
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4078	University STEM instructors with stronger failure-as-debilitating mindsets are perceived to engage in fewer mastery-oriented teaching Practices by their students: An exploratory study. <i>Social Psychology of Education</i> , 0, , .	1.2	1
4079	The transfer effects of computational thinking: A systematic review with meta-analysis and qualitative synthesis. <i>Journal of Computer Assisted Learning</i> , 2022, 38, 1620-1638.	3.3	6

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4083	Has pedagogy, technology, and Covidâ€™19 killed the face-to-face lecture?. <i>Anatomical Sciences Education</i> , 2022, 15, 1145-1151.	2.5	8
4084	Student Perception of a Visual Novel for Fostering Science Process Skills. <i>Teaching and Learning Inquiry</i> , 0, 10, .	0.5	1
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4087	Using StoryMaps to prepare for field course â€“ A case study of students in Geography. <i>Cogent Education</i> , 2022, 9, .	0.6	3
4088	Learning design in science education: perspectives from designing a graduate-level course in evidence-based teaching of science. <i>American Journal of Physiology - Advances in Physiology Education</i> , 0, , .	0.8	0
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4090	Understanding how facilitators adapt to needs of STEM faculty in online learning communities: a case study. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	2
4091	Bibliometric analysis of the flipped classroom pedagogical model: Trends and strategic lines of study. <i>Frontiers in Education</i> , 0, 7, .	1.2	4
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4096	A Collaboratively-Derived Research Agenda for E-assessment in Undergraduate Mathematics. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 0, , .	1.3	4
4097	Undergraduate Studentsâ€™ Perceptions of Features of Active Learning Models for Teaching and Learning to Teach Mathematics. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 0, , .	1.3	0
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4103	Education Initiatives to Support Earthquake Early Warning: A Retrospective and a Roadmap. Seismological Research Letters, 2022, 93, 3498-3513.	0.8	4
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4115	FERN: Fair Team Formation for Mutually Beneficial Collaborative Learning. IEEE Transactions on Learning Technologies, 2022, 15, 757-770.	2.2	2
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4118	Designing narrative for professional development: A programme for improving international health care practitionersâ€™ cultural competence. <i>International Review of Education</i> , 2022, 68, 601-629.	1.2	1
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4135	Low-stakes writing in an active-learning classroom needs focus and feedback to be effective. <i>Journal of Economic Education</i> , 0, , 1-13.	0.8	0

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4142	Playmeans: Inclusive and Engaging Data Science through Music. <i>Journal of Statistics and Data Science Education</i> , 2023, 31, 151-161.	0.9	0
4143	Course assessment for skill transfer: A framework for evaluating skill transfer in online courses. <i>Frontiers in Education</i> , 0, 7, .	1.2	1
4145	HyFlex environment: addressing students' basic psychological needs. <i>Learning Environments Research</i> , 2023, 26, 271-289.	1.8	4
4146	Rent-Seeking Behavior and Economic Justice: A Classroom Exercise. <i>Eastern Economic Journal</i> , 0, , .	0.5	0
4147	Teacher Entrepreneurship, Co-Creation Strategy, and Medical Student Entrepreneurship for Sustainability: Evidence from China. <i>Sustainability</i> , 2022, 14, 12711.	1.6	0
4148	Advancing STEM Education and Innovation in a Time of Distance Learning. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2022, , 1-29.	0.2	1
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4157	Nursing students' experiences with concept cartoons as an active learning strategy for developing conceptual understanding in anatomy and physiology: A mixed-method study Nurse Education in Practice, 2022, 65, 103493.	1.0	6
4158	Scaffolding as active learning in nursing education. <i>Teaching and Learning in Nursing</i> , 2023, 18, 232-237.	0.7	4
4159	How effective is learner-controlled instruction under classroom conditions? A systematic review. <i>Learning and Motivation</i> , 2022, 80, 101850.	0.6	6
4160	Experience with Scientific Teaching in Face-to-Face Settings Promoted Usage of Evidence-Based Practices during Emergency Remote Teaching. <i>CBE Life Sciences Education</i> , 2022, 21, .	1.1	4
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4164	Improving introductory financial accounting learning and retention through course redesign. <i>Journal of Accounting Education</i> , 2023, 62, 100816.	0.9	1
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4166	Teach to Beat Cancer: An Integral Component of the Case Comprehensive Cancer Center Youth Enjoy Science Program. <i>Journal of STEM Outreach</i> , 2022, 5, .	0.3	1
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4171	Correlates of peer classroom connectedness among undergraduate women in STEM. <i>Journal of Research in Science Teaching</i> , 0, , .	2.0	0
4172	Improving Interactive Instruction: Faculty Engagement Requires Starting Small and Telling All. , 2022, , .		0
4173	An Analysis of the Observable Behaviors of Undergraduate drop-in Mathematics Tutors. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 0, , .	1.3	1

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4177	Exploring the Differences in Studentsâ€™ Behavioral Engagement With Quizzes and Its Impact on their Performance in a Flipped CS1 Course. , 2022, , .		0
4178	Leaders of Change?: Academic Associations and Undergraduate Education. <i>Change</i> , 2022, 54, 40-46.	0.2	0
4179	The EXPLORA model of citizen science at schools: design and implementation in the intercultural south of Chile. <i>Tapuya: Latin American Science, Technology and Society</i> , 0, , .	0.4	1
4180	Gameful Learning as an Innovative Pedagogy for Online Learning. <i>Advances in Higher Education and Professional Development Book Series</i> , 2022, , 21-34.	0.1	1
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4182	Exploring Teachersâ€™ Perceptions of the Barriers to Teaching STEM in High Schools in Qatar. <i>Sustainability</i> , 2022, 14, 15192.	1.6	5
4183	Conceptualizations of active learning in departments engaged in instructional change efforts. <i>Active Learning in Higher Education</i> , 0, , 146978742211313.	3.5	3
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4189	Simultaneous multidimensional impacts of active learning revealed in a first implementation in the MENA region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	2
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4196	Active Learning: An Integrative Review. , 2022, , 33-52.		0
4197	Knowledge acquisition efficacy of a remote flipped classroom on learning about removable partial dentures. Journal of Prosthodontic Research, 2022, , .	1.1	0
4198	Improving the Motivation of First-Year Undergraduate Students Through Transversal Activities and Teamwork. Lecture Notes in Educational Technology, 2022, , 9-28.	0.5	0
4199	Introduction: Collaborative Active Learningâ€™Strategies, Assessment and Feedback. , 2022, , 3-31.		0
4200	Modelling Learner Engagement through Zoom: Using Situated Learning to Develop Educator Capabilities in Synchronous Online Teaching. , 2022, , 91-106.		0
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4209	I Scream, You Scream, We All Scream for Economics!.. , 0, , 131-141.		2
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4213	Flip-Game Engineering and Technology Methodology. , 2022, , 839-871.		0
4214	Open R and Python-based Digital Tools in Statistics, Random Processes, and Metrology. , 2022, , .		0
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4216	Planets in a Room. Astronomy and Geophysics, 2022, 63, 5.31-5.33.	0.1	0
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4218	Validating an Observation Protocol for Structured Roles in Cooperative Learning. , 2022, , .		0
4219	WIP: Strategies for Engaging Students in Active Learning in Online Settings. , 2022, , .		0
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4221	Reflections on the Process of Implementing Trauma-Informed Education Lunch and Learns. Nurse Educator, 2023, 48, E126-E130.	0.6	1
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4228	Social agents as catalysts: Social dynamics in the classroom with book introduction robot. Frontiers in Robotics and AI, 0, 9, .	2.0	0
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4402	A comparative study of efficacy of "Think-Pair-Share" method over tutorials in Pharmacology for undergraduates. <i>Physiology and Pharmacology</i> , 2021, 1, 0-0.	0.1	0
4403	Teaching and learning methods compared: A pedagogical evaluation of problem-based learning (PBL) and lecture methods in developing learners' cognitive abilities. <i>Cogent Education</i> , 2023, 10, .	0.6	2
4404	Digital Learning Ecosystem for Classroom Teaching in Thailand High Schools. <i>SAGE Open</i> , 2023, 13, 215824402311583.	0.8	0
4405	Intervention Framework to Develop "Steeling Effect through Interactive Gaming Technologies. <i>Journal of Technology in Behavioral Science</i> , 2023, 8, 167-177.	1.3	1
4406	Interactions and tensions between mathematical discourses and schoolwork discourses when solving dynamic geometry tasks: what is internally persuasive for students?. <i>Research in Mathematics Education</i> , 0, , 1-27.	1.0	0
4407	eChem: A Notebook Exploration of Quantum Chemistry. <i>Journal of Chemical Education</i> , 2023, 100, 1664-1671.	1.1	5
4408	Comparing high-school and college instructors' beliefs about college calculus preparation. <i>International Journal of Mathematical Education in Science and Technology</i> , 0, , 1-15.	0.8	0
4409	Comparison of in-person and virtual Grand Canyon undergraduate field trip learning outcomes. <i>Journal of Geoscience Education</i> , 2023, 71, 445-461.	0.8	5
4410	Qualitative methods as decolonised pedagogical praxis: Student and educator reflections on embedding photovoice in undergraduate course curricula. , 2022, 1, 30-37.		0
4411	The Mathematical Community Working To Create Better (And Free!) Textbooks. <i>American Mathematical Monthly</i> , 0, , 1-6.	0.2	0
4412	Knowledge domain, research hotspots and frontiers in physiology teaching reforms from 2012 to 2021: A bibliometric and knowledge-map analysis. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	1
4413	"Design a Sensor" Implementation of Entrepreneurial-Minded Learning in Undergraduate General Chemistry. <i>Journal of Chemical Education</i> , 2023, 100, 1557-1563.	1.1	0
4414	Use of a Role-Playing Activity To Increase Student Understanding of Bacterial Gene Regulation. <i>Journal of Microbiology and Biology Education</i> , 2023, 24, .	0.5	0
4415	An Analysis of Women's Underrepresentation in Undergraduate Economics. <i>Review of Political Economy</i> , 2023, 35, 593-613.	0.6	1
4416	Analyzing the Impact of a Gamification Approach on Primary Students' Motivation and Learning in Science Education. <i>Lecture Notes in Networks and Systems</i> , 2023, , 701-711.	0.5	8
4417	A Review of the Literature for Designing and Developing a Framework for Adaptive Gamification in Physics Education. , 2023, , 5-1-5-26.		10

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4418	Quantitative Methods in PER. , 2023, , 1-32.		0
4419	What Moves the Needle on DFW Rates and Student Success in General Chemistry? A Quarter-Century Perspective. <i>Journal of Chemical Education</i> , 2023, 100, 1547-1556.	1.1	0
4420	Engaging Students in a Visual and Conceptual Approach to Taylor Series. <i>Primus</i> , 2023, 33, 981-996.	0.3	0
4421	A mixed method analysis of student satisfaction with active learning techniques in an online graduate anatomy course: Consideration of demographics and previous course enrollment. <i>Anatomical Sciences Education</i> , 2023, 16, 907-925.	2.5	1
4422	Intrinsically Disordered Proteins as an Instrument for Research-Integrating Teaching. <i>The Biophysicist</i> , 2023, , .	0.1	0
4423	Collective and Individual Mathematical Progress: Layering Explanations in the Case of the Sierpiński Triangle. <i>International Journal of Research in Undergraduate Mathematics Education</i> , 2023, 9, 694-722.	1.3	0
4424	Self-study enhances the learning effect of discussions. <i>Journal of the Learning Sciences</i> , 2023, 32, 455-476.	2.0	1
4425	Investigating the classroom teaching practices of life sciences teachers in Gauteng. <i>International Journal of Research in Business and Social Science</i> , 2023, 12, 393-406.	0.1	0
4426	A Network Model for Connecting Mathematics Faculty in Communities of Practice: Where is the Value?. <i>Innovative Higher Education</i> , 0, , .	1.5	0
4427	Challenges and motivation for teachers transitioning to active learning spaces. <i>European Journal of Engineering Education</i> , 2023, 48, 724-746.	1.5	0
4428	Perceptions of Lecturers and Engineering Students of Sophism and Paradox: The Case of Differential Equations. <i>Education Sciences</i> , 2023, 13, 354.	1.4	0
4429	Recommendations For Improvement Of Collegiate Flight Training Operational Efficiency Through Guided-Inquiry Inductive Learning. <i>International Journal of Aviation, Aeronautics, and Aerospace</i> , 2015, 2, .	0.3	0
4430	Building science knowledge, identity, and interest using place-based learning with non-dominant urban undergraduate and high school students. <i>Journal of Geoscience Education</i> , 0, , 1-11.	0.8	1
4431	Accessibility of Participation in a Pollinator-Focused Community Science Project. <i>Citizen Science: Theory and Practice</i> , 2023, 8, 15.	0.6	2
4432	Using Active Learning to Evaluate Student Competency Beyond Clinical Skills. <i>Journal for Nurse Practitioners</i> , 2023, 19, 104596.	0.4	0
4433	Nursing Students's Preferences for Learning Medical and Bioscience Subjects: A Qualitative Study. <i>Nursing Reports</i> , 2023, 13, 622-633.	0.8	0
4434	A competency-based chemical engineering curriculum at the University of Campinas in Brazil. <i>Education for Chemical Engineers</i> , 2023, 44, 21-34.	2.8	2
4435	The relations between students' belongingness, self-efficacy, and response to active learning in science, math, and engineering classes. <i>International Journal of Science Education</i> , 2023, 45, 1241-1261.	1.0	1

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4437	Evaluating the effectiveness of a board game to learn biological psychology facts. , 2023, 29, 13-24.		0
4438	Die Lehre der Internationalen Beziehungen. <i>Springer Reference Sozialwissenschaften</i> , 2023, , 1-22.	0.2	0
4439	Teaching undergraduate students to think like real-world systems engineers: A technology-based hybrid learning approach. <i>Systems Engineering</i> , 0, , .	1.6	1
4440	Virtual professional development on conflict management for school leaders. <i>Frontiers in Education</i> , 0, 7, .	1.2	0
4441	Zoobooth: A portable, open-source and affordable approach for repeated size measurements of live individual zooplankton. <i>Heliyon</i> , 2023, 9, e15383.	1.4	0
4442	Reimagining journal clubs for inclusive scientific training. <i>Trends in Cell Biology</i> , 2023, , .	3.6	0
4443	ReadingQuizMaker: A Human-NLP Collaborative System that Supports Instructors to Design High-Quality Reading Quiz Questions. , 2023, , .		1
4444	Effective Pedagogical Approaches Used in High School Chemistry Education: A Systematic Review and Meta-Analysis. <i>Journal of Chemical Education</i> , 2023, 100, 1796-1810.	1.1	3
4445	An Instrument Assembly and Data Science Lab for Early Undergraduate Education. <i>Journal of Chemical Education</i> , 0, , .	1.1	24
4446	Workshop: Learning experiences for educational leadership and innovation in engineering education. , 2023, , .		0
4447	Curing "GFP-itis" in Bacteria with Base Editors: Development of a Genome Editing Science Program Implemented with High School Biology Students. <i>CRISPR Journal</i> , 0, , .	1.4	0
4459	Active Learning Opportunities Outside Classroom and Laboratory. <i>Lecture Notes in Educational Technology</i> , 2023, , 201-218.	0.5	0
4474	Supporting Blended Learners in the New Normal. , 2023, , 351-376.		0
4475	Peer and Collaborative Assessment. <i>University Development and Administration</i> , 2023, , 1-21.	0.1	0
4480	Reimagining Higher Education Pedagogy: Building an Active Understanding of the Research Process. <i>Educational Communications and Technology: Issues and Innovations</i> , 2023, , 293-306.	0.2	0
4484	Active Learning Methods applied to an Environmental Awareness Course for CS majors. , 2022, , .		1
4487	Combining Abstract Tasks and Haptic Material to Foster Computational Thinking in Computer Science Students. , 2023, , .		0

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4489	Learning Activities that Influence Deep Active Learning in Reading Circles Learning. , 2023, , .		0
4492	Self-efficacy of biology students in an RQANI classroom during the Covid-19 pandemic. AIP Conference Proceedings, 2023, , .	0.3	0
4494	Perspective Chapter: Impact of COVID-19 on Learning Outcomes of Students. , 0, , .		0
4495	Engaging Girls in Learning Engineering through Building Ubiquitous Intelligent Systems. , 2022, , .		0
4498	Integrating interdisciplinary education in materials science and engineering. Nature Reviews Materials, 2023, 8, 491-493.	23.3	3
4499	Evoli System in Portugal: Experience Reports. Smart Innovation, Systems and Technologies, 2023, , 521-529.	0.5	0
4512	The Impact of Short and Very Short Videos on the Effectiveness of Teaching and the Principles of Their Development. , 2023, , .		0
4544	Research-practice partnerships and communities of practice for fostering better teaching and learning. , 2023, , .		0
4546	Fostering the Innovative Mindset: Entrepreneurship Clinic Model for Computer Science Students. , 2023, , .		0
4557	Investigating Factors that Influence Learning Outcomes in K-12 Online Education: The Role of Teachersâ€™ Presence Skill and Studentsâ€™ Grade. Communications in Computer and Information Science, 2023, , 351-357.	0.4	0
4560	Prototype of a Facilitation System for Active Learning Using Deep Learning in Body Movement Classification. Lecture Notes in Computer Science, 2023, , 355-365.	1.0	0
4562	An Innovative Framework for the Design of Higher Education STEM Induction Programmes. Advances in Higher Education and Professional Development Book Series, 2023, , 69-94.	0.1	0
4563	"An Instructor is [already] able to keep track of 30 students": Studentsâ€™ Perceptions of Smart Classrooms for Improving Teaching & Their Emergent Understandings of Teaching and Learning. , 2023, , .		0
4569	â€œI Felt Not So Aloneâ€™: the Impact of Muddiest Point Activities on Student Learning Outcomes Through Top Hat Technology. , 2023, , 337-351.		0
4572	Drawing as a versatile cognitive tool. , 2023, 2, 556-568.		5
4573	Adapting and Creating New Theories Through the Ongoing Research of Technology Enhanced Learning. University Development and Administration, 2023, , 1-17.	0.1	0
4579	The Global Leadership Program: Adapting a Leadership Development Program for Graduate Business Students in the Pandemic and Post-Pandemic Periods. , 2023, , 105-131.		0
4581	Improving Listening and Autonomous Learning Among Multilingual Students with a Digital Learning Tool: An EMI Teacher-Training Course in TESOL. Multilingual Education Yearbook, 2023, , 123-139.	0.3	0

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4599	Hochschuldidaktik in den Geowissenschaften. , 2023, , 367-376.		0
4615	Experience in Teaching and Engaging Computer Science and Computer Information Systems Students in Active Learning. , 2022, , .		0
4623	Developing a Data Science Course to Support Software Engineering Students. , 2023, , .		0
4640	Introducing Parallel and Distributed Computing concepts through the use of Flashcards and a Card Game. , 2023, , .		0
4647	Re-Design of an Educational Scanner to Prepare Children for an MRI or CT Scan. , 2023, , .		0
4650	Adapting and Creating New Theories Through the Ongoing Research of Technology-Enhanced Learning. University Development and Administration, 2023, , 245-261.	0.1	0
4653	Applying Active Learning Techniques In Computing Courses Using Padlet Tool. , 2023, , .		0
4654	Innovative teaching methods in engineering education: the STEAM-Active project. , 2023, , .		0
4666	Predicting Students Final Academic Performance Using Deep Learning Techniques. Studies in Computational Intelligence, 2023, , 219-241.	0.7	0
4678	Introducing Active Learning and Serious Game in Engineering Education: â€œExperience from Lean Manufacturing Courseâ€. IFIP Advances in Information and Communication Technology, 2023, , 363-377.	0.5	0
4679	Understanding the Impact of Collaborative Learning on Sense of Belonging. , 2023, , .		0
4688	Peer and Collaborative Assessment. University Development and Administration, 2023, , 353-373.	0.1	0
4689	The Use of Learner-Centered Pedagogies and E-Portfolios to Facilitate Pre-Service and In-Service Teachersâ€™ Development in an Asian System. , 2023, , 49-72.		0
4690	Narrating the Museum: Enhancing Cultural Heritage Through User Profiling and Individualized Content. Lecture Notes in Networks and Systems, 2023, , 575-587.	0.5	0
4692	What Is Problematic with Police Education?. SpringerBriefs in Criminology, 2023, , 25-38.	0.2	0
4696	Impact, Challenges and Prospects of the Engineering Education Reform. Springer Briefs in Education, 2023, , 91-100.	0.2	0

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4705	Instructional Media. Advances in Educational Marketing, Administration, and Leadership Book Series, 2023, , 195-220.	0.1	1
4723	Combining User Experience and Learning Efficacy in Design and Redesign. , 2023, , 2405-2430.		0
4724	Design of Innovative Learning Environment: An Activity System Perspective. , 2023, , 993-1017.		0
4736	How Rigorous is Active Learning Research in STEM Education? An Examination of Key Internal Validity Controls in Intervention Studies. Educational Psychology Review, 2023, 35, .	5.1	0
4747	Reflections from Pandemic Teaching and Beyond: Mitigating the Tension between Student and Faculty Intersectionalities. ACS Symposium Series, 0, , 211-224.	0.5	0
4755	The Flipped Classroom Effect on Entrepreneurship Education: Applying Critical Pedagogy in Digital Environments. , 2023, , 1-31.		0
4756	Framing Scientific Literacy as a Pathway to Environmental Justice. ACS Symposium Series, 0, , 135-149.	0.5	0
4766	Strategies for Designing Cognitively Demanding Assessments Within Math and Physics MOOCs. , 2023, , .		0
4767	Simulation of Delta Robot Kinematics With Permanent Magnet Synchronous Motor For Mechatronics Education. , 2023, , .		0
4777	Enhancing Control Systems Undergraduate Course: A Case Study of Project-Based Learning with Multiple Submissions. , 2023, , .		0
4782	Outcomes of Medical Education Scholarship. , 2023, , 103-116.		0
4787	Active Learning Prototypes for Teaching Game AI. , 2023, , .		1
4833	Where Do Podcasts Fit into Psychiatric Education?. Academic Psychiatry, 0, , .	0.4	0
4844	Engaging First-Year Engineering Students: A Technology-Based Approach Using Story-Based Learning and AI-Generated Content. , 2023, , .		1
4845	HeatQuiz: Combining Flipped-Classroom, Game-Based Learning, and Systematic Problem Analysis in Heat Transfer Education. , 2023, , .		0
4846	Fostering Connections in the Online Learning Environment. Advances in Higher Education and Professional Development Book Series, 2023, , 193-213.	0.1	0
4848	Encouraging a Laboratory Approach in Physics Teaching: A Case Study for Preservice Elementary Teachers at Roma Tre University. Challenges in Physics Education, 2023, , 151-162.	0.6	0
4854	An Immersive Laboratory Environment for Customized Learning Experience. Communications in Computer and Information Science, 2024, , 365-375.	0.4	0

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4859	A Cyber-Physical Mixed Reality System to Facilitate Chemical Laboratory Safety Education. , 2023, , .		0
4862	Teaching and Learning Strategies. , 2024, , 119-138.		0
4863	A Blended Teaching Procedure of Spatial Statistics Course based on the Knowledge Map Analysis of Teaching Methods of Science. , 2023, , .		0
4870	Impact of Instructional Activities on Students' Positivity, Participation, and Perceived Value in a Systems Analysis and Design Course. , 2023, , .		0
4872	Stem-Kit: An interdisciplinary approach to learning physics and computer science. , 2023, , .		0
4876	Student Autonomy in Collaborative Learning: Effects of Meeting Time and Team Consistency. , 2023, , .		0
4878	Extending Educational Games Across Product Lines. Communications in Computer and Information Science, 2024, , 134-149.	0.4	0
4881	Leitbild Development in Organizations. , 2023, , 67-90.		0
4883	Supporting Active Learning in STEM Higher Education Through the User-Centred Design Sprint. , 2023, , .		0
4884	The Importance of Project-Scale Scaffolding for Retention and Experience in Computing Courses. , 2023, , .		0
4886	Physical Software Design: An Innovative Instructional-Based Method Using Project-Based Learning. , 2023, , .		0
4887	Exploratory Learning in Engineering Programming. , 2023, , .		0
4888	Promoting Entrepreneurial Mindset and Diversity in Power Engineering Class Through Case Studies. , 2023, , .		0
4905	Higher Education Within the Context of the Online Learning Environment. Advances in Mobile and Distance Learning Book Series, 2024, , 153-168.	0.4	0
4906	Teacher and Student Attitudes Towards STEM Education. Impact of Meat Consumption on Health and Environmental Sustainability, 2024, , 174-187.	0.4	0
4911	EduVR: Towards an Evaluation Platform for User Interactions in Personalized Virtual Reality Learning Environments. , 2023, , .		0
4913	Active Distance Learning: How Student Perceptions Affect Academic Performance. , 2023, , .		0
4916	Class Participation, Using Technology to Enhance Efficiency and Fairness. , 2023, , .		0

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4917	Project-Based Learning in the Development of a Job-Matching Website for Women in STEM. , 2023, , .		0
4920	Engaging K-12 Students in STEM Through Clemson University's NASA Micro-g NExT Challenge. , 2024, , .		0
4924	Improving STEM Competences by Using Artificial Intelligence to Generate Video Games Based on Student Written Stories. Communications in Computer and Information Science, 2024, , 39-51.	0.4	0
4926	Innovative Pedagogical Approaches in Library and Information Science. , 2024, , .		0
4934	Enhancing Pedagogical Practices in Engineering Education: Evaluation of a Training Course on Active Learning Methodologies. Lecture Notes in Networks and Systems, 2024, , 255-266.	0.5	0
4935	Active Learning Strategies for the Electrical Engineering Degree Program at the Universidad De La Rep�blica, Uruguay. Lecture Notes in Networks and Systems, 2024, , 379-390.	0.5	0
4936	Create Multi-Part Problems with Random Parameterization on Blackboard and Canvas Similar to "Mastering" and "Connect" , 0, , .		0
4937	Employing Live Scripts for Implementing Virtual Laboratories and Activities. , 0, , .		0
4938	Merging Human-Centered Design with Engineering Design: Synthesizing a Human-Centered Engineering Design Framework. , 0, , .		0
4939	Plickers and Peer Instruction in a Software Design Course. , 0, , .		0
4940	The CS POGIL Activity Writing Program. , 0, , .		0
4941	Board 32: Work in Progress: A Laboratory Platform for Learning for Chemical Engineering. , 0, , .		0
4942	Teaching Strategies in Industrial Engineering Programs in Brazil: Benchmarking in North American Universities. , 0, , .		0
4943	Enhancing participation, engagement, and retention in undergraduate and graduate curriculum through applied energy conversion course. , 0, , .		0
4944	Board 106: Innovation through Making Course: Creating a Distinctive Prototyping Experience as Part of a New Entrepreneurial Pathway (Work in Progress). , 0, , .		0
4945	Engineering Gateway Course Redesign for Equity through Critical-Paths. , 0, , .		0
4946	Work-in-Progress: Hands-on group activities for large fluid mechanics classes in a traditional lecture hall setting. , 0, , .		0
4947	The Evolution of an Interdisciplinary Case-Based Learning First-Year Course. , 0, , .		0

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4948	Work-in-Progress: Expanding Use of Affordable Transport Equipment " Fluidized Bed with Applications for Bio- and Chemical Catalysis. , 0, , .		0
4949	Board 295: Five Year Assessment for Educating Diverse Undergraduate Communities with Affordable Transport Equipment. , 0, , .		0
4950	Understanding students'™ experience and achievement in a redesigned engineering math class. , 0, , .		0
4951	Board 72: How to Develop Engineering Students as Design Thinkers: A Systematic Review of Design Thinking Implementations in Engineering Education. , 0, , .		0
4952	Toward Bidirectional Faculty Development: A Collaborative Model for Designing and Implementing Faculty Trainings on Evidence-Based Strategies for Supporting Student Learning in Low- and Middle-Income Countries. , 0, , .		0
4953	Improving Student Perceptions of Learning through Collaborative Testing. , 0, , .		0
4954	Impact of "The Design of Coffee," A General Education Chemical Engineering Course, on Students'™ Decisions to Major in STEM Disciplines. , 0, , .		0
4955	Board 206: Academic Success of STEM College Students with Attention Deficit Hyperactivity Disorder and the Role of Classroom Teaching Practices: Project Update. , 0, , .		0
4956	Exploring Magic Interactions for Collaboration in Virtual Reality Learning Factory. , 0, , .		0
4957	Developing a Simulated Experience to Capture the Bidding Process in a Cost-Estimating Course. , 0, , .		0
4958	Facilitate Improved Student Learning through Bloom'™s Taxonomy-Based Assignments in an Undergraduate Fluid Mechanics Course. , 0, , .		0
4959	Work in Progress: Integrating Hands-on Exploration into an Undergraduate Robotics and Automation Class. , 0, , .		0
4960	Student Preference of Video Length for Studying Machine Learning in a Flipped Classroom. , 0, , .		0
4961	Do Small Collaborative Learning Communities within a Larger Class Increase Students'™ Sense of Belonging and Learning?. , 0, , .		0
4962	(Re)Imagining an Elementary Preservice Science Methods Course as Inquiry-Based. Advances in Early Childhood and K-12 Education, 2024, , 68-85.	0.2	0
4963	Mini-Lab Activities to Stimulate Students'™ Conceptual Learning. , 0, , .		0
4964	Board 377: Research Experiences for Teachers in Simulation and Visualization for Innovative Industrial Solutions: Year 2. , 0, , .		0
4967	Work in Progress: Examining the Impact of a Faculty Development Program in Engineering Instructors' Teaching Practices and Perceptions on Active Learning Methodologies. , 0, , .		0

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4968	Board 435: Work in Progress: Teaching Ethics Using Problem-Based Learning in a Freshman Introduction to Electrical and Computer Engineering. , 0, , .		0
4969	Developing the ITL framework and committing to inquiry as a method for reducing equity gaps in high-impact, computer science and engineering courses. , 0, , .		0
4970	Investigating the Inclusion of Traffic Operations Concepts in Undergraduate Civil Engineering Curricula. , 0, , .		0
4971	WIP: Toward a Free-Body Diagram Mobile Application. , 0, , .		0
4972	The portfolio as a tool for learning and assessment in the Internship in Teaching Informatics. , 2023, , .		0
4992	Active Learning. Advances in Educational Technologies and Instructional Design Book Series, 2024, , 31-41.	0.2	0
4993	Active Learning From Early Childhood to Adolescence and Beyond. Advances in Educational Technologies and Instructional Design Book Series, 2024, , 13-30.	0.2	0
4995	Remote Versus In-Class Active Learning Exercises for an Undergraduate Course in Fluid Mechanics. , 0, , .		0
4996	Implementation and Design of a Novel Student Developed Modular HTOL/HTRB System Using Thermoelectric Control. , 0, , .		0
4997	Using Rapid Prototyping to Realize Design: Mindset and Engineering Self-Efficacy. , 0, , .		0
4998	Students' Performance in Remote Flipped Signals Classes. , 0, , .		0
4999	Student and Teacher Perceptions of a Classroom Response System: Demographic Comparisons in a First Semester Calculus Course. , 0, , .		0
5002	Engaging Underrepresented Students in Cybersecurity using Capture-the-Flag(CTF) Competitions (Experience). , 0, , .		0
5003	New Instructors Perspectives on Remote Teaching Methods. , 0, , .		0
5004	Work in Progress: Barriers Instructors Encounter when Using Active Learning in an Online Classroom Setting. , 0, , .		0
5005	Work in Progress: Project-Based Homework: An Ongoing Study on Engineering Analysis-Dynamics. , 0, , .		0
5006	Exploring the Effect of Quiz and Homework Submission Times on Studentsâ€™ Performance in an Introductory Programming Course in a Flipped Classroom Environment. , 0, , .		0
5007	Educational Technology Platforms and Shift in Pedagogical Approach to Support Computing Integration Into Two Sophomore Civil and Environmental Engineering Courses. , 0, , .		0

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5008	Engineering Curriculum Rooted in Active Learning: Does It Promote Engagement and Persistence for Women?. , 0, , .		0
5009	Work in Progress: Creative Biomechanics Project Using an Interactive Digital Experience as an Alternative Laboratory (IDEAL) â€œ Phase 2. , 0, , .		0
5010	Work in Progress: Impact of the Entrepreneurial Mindset for Innovative Teaching (EMIT) Academy. , 0, , .		0
5016	What Should an Academic Service-Learning Syllabus Include?. , 2024, , 119-138.		0
5017	The Advantages of Using Academic Service-Learning in a University Classroom What Does the Research Say?. , 2024, , 17-29.		0
5019	Designing an Academic Service-Learning Course How Can Faculty Members Measure Learning and Student Reflection?. , 2024, , 99-117.		0
5021	How Does Academic Service-Learning Help Students Learn in the Classroom and from the Textbook?. , 2024, , 47-58.		0
5023	Creating an Intrinsically Motivating Learning Environment: Promoting Student Engagement and Intrinsic Motivation. , 2024, , 59-76.		0
5024	Building an Academic Service-Learning Pedagogy How Can a Course Incorporate Academic Service-Learning?. , 2024, , 77-98.		0
5029	Beyond PowerPoint Presentations: Utilizing Nontraditional Methods of Education. , 2023, , 599-606.		0
5043	Application of R programming in education: Logistic regression approach. AIP Conference Proceedings, 2024, , .	0.3	0
5044	Book Club Model for Engaging with Data Science and Ethics: Using Weapons of Math Destruction. , 2024, , .		0
5045	Do Embedded Ethics Modules Have Impact Beyond the Classroom?. , 2024, , .		0
5047	Challenges and Approaches to Teaching CS1 in Prison. , 2024, , .		0
5048	EIT: Earnest Insight Toolkit for Evaluating Students' Earnestness in Interactive Lecture Participation Exercises. , 2024, , .		0
5049	Exploring Computing Students' Sense of Belonging Before and After a Collaborative Learning Course. , 2024, , .		0
5067	More than a Score: Metacognitive and Social-Affective Benefits of Cooperative Learning in STEM Classrooms. , 0, , .		0