

Siddika Selcen Guzey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6215355/publications.pdf>

Version: 2024-02-01

15
papers

531
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an Instrument to Assess Attitudes Toward Science, Technology, Engineering, and Mathematics (<scp>STEM</scp>). <i>School Science and Mathematics</i> , 2014, 114, 271-279.	0.9	91
2	STEM Integration in Middle School Life Science: Student Learning and Attitudes. <i>Journal of Science Education and Technology</i> , 2016, 25, 550-560.	3.9	83
3	A High-Quality Professional Development for Teachers of Grades 3-6 for Implementing Engineering into Classrooms. <i>School Science and Mathematics</i> , 2014, 114, 139-149.	0.9	75
4	The Impact of Design-Based STEM Integration Curricula on Student Achievement in Engineering, Science, and Mathematics. <i>Journal of Science Education and Technology</i> , 2017, 26, 207-222.	3.9	72
5	Life STEM: A Case Study of Life Science Learning Through Engineering Design. <i>International Journal of Science and Mathematics Education</i> , 2019, 17, 23-42.	2.5	43
6	Assessing pre-service science teachers'™ technological pedagogical content knowledge (TPACK) through observations and lesson plans. <i>Research in Science and Technological Education</i> , 2016, 34, 237-251.	2.5	40
7	Student Participation in Engineering Practices and Discourse: An Exploratory Case Study. <i>Journal of Engineering Education</i> , 2017, 106, 585-606.	3.0	27
8	Supporting Engineering Design Ideas with Science and Mathematics: A Case Study of Middle School Life Science Students. <i>International Journal of Education in Mathematics, Science and Technology</i> , 0, , 424-442.	0.9	21
9	Productive thinking in middle school science students'™ design conversations in a design-based engineering challenge. <i>International Journal of Technology and Design Education</i> , 2020, 30, 67-81.	2.6	19
10	Engineering as the integrator: A case study of one middle school science teacher's talk. <i>Journal of Engineering Education</i> , 2019, 108, 418-440.	3.0	18
11	Negotiating science and engineering: an exploratory case study of a reform-minded science teacher. <i>International Journal of Science Education</i> , 2018, 40, 723-741.	1.9	14
12	Students'™ Views of Design in an Engineering Design-Based Science Curricular Unit. <i>Research in Science Education</i> , 2021, 51, 663-683.	2.3	9
13	What initiates evidence-based reasoning?: Situations that prompt students to support their design ideas and decisions. <i>Journal of Engineering Education</i> , 2021, 110, 294-317.	3.0	7
14	Productive Thinking and Science Learning in Design Teams. <i>International Journal of Science and Mathematics Education</i> , 2021, 19, 215-232.	2.5	6
15	The effectiveness of an integrated<scp>STEM</scp>curriculum unit on middle school students' life science learning. <i>Journal of Research in Science Teaching</i> , 2022, 59, 1204-1234.	3.3	6