Courtney Stanford

List of Publications by Year
in descending order

20 papers	466 citations	687363 13 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	455 citing authors

#	Article	IF	Citations
1	Translating across macroscopic, submicroscopic, and symbolic levels: the role of instructor facilitation in an inquiry-oriented physical chemistry class. Chemistry Education Research and Practice, 2015, 16, 769-785.	2.5	63
2	Analysis of Instructor Facilitation Strategies and Their Influences on Student Argumentation: A Case Study of a Process Oriented Guided Inquiry Learning Physical Chemistry Classroom. Journal of Chemical Education, 2016, 93, 1501-1513.	2.3	57
3	Photoacoustic imaging enhanced by indocyanine green-conjugated single-wall carbon nanotubes. Journal of Biomedical Optics, 2013, 18, 096006.	2.6	56
4	From Dissemination to Propagation: A New Paradigm for Education Developers. Change, 2017, 49, 35-42.	0.5	39
5	Designing for sustained adoption: A model of developing educational innovations for successful propagation. Physical Review Physics Education Research, 2016, 12, .	2.9	36
6	Analysis of inquiry materials to explain complexity of chemical reasoning in physical chemistry studentsâ€™ argumentation. Journal of Research in Science Teaching, 2017, 54, 1322-1346.	3.3	27
7	Decentering: A Characteristic of Effective Studentâ€“Student Discourse in Inquiry-Oriented Physical Chemistry Classrooms. Journal of Chemical Education, 2017, 94, 829-836.	2.3	23
8	Structurally modified indocyanine green dyes. Modification of the polyene linker. Dyes and Pigments, 2013, 99, 275-283.	3.7	22
9	The Impact of Guided Inquiry Materials on Student Representational Level Understanding of Thermodynamics. ACS Symposium Series, 2018, , 141-168.	0.5	22
10	Analysis of Propagation Plans in NSF-Funded Education Development Projects. Journal of Science Education and Technology, 2017, 26, 418-437.	3.9	21
11	Characteristics of well-propagated teaching innovations in undergraduate STEM. International Journal of STEM Education, 2017, 4, .	5.0	21
12	Strategies for Training Undergraduate Teaching Assistants To Facilitate Large Active-Learning Classrooms. Journal of Chemical Education, 2018, 95, 2126-2133.	2.3	20
13	Supporting sustained adoption of education innovations: The Designing for Sustained Adoption Assessment Instrument. International Journal of STEM Education, 2015, 3, .	5.0	17
14	An S_N1â€“S_N2 Lesson in an Organic Chemistry Lab Using a Studio-Based Approach. Journal of Chemical Education, 2012, 89, 750-754.	2.3	11
15	Constructive Alignment Beyond Content: Assessing Professional Skills in Student Group Interactions and Written Work. , 2019, , 203-222.		10
16	Discourse Analysis as a Tool To Examine Teaching and Learning in the Classroom. ACS Symposium Series, 2014, , 61-81.	0.5	8
17	Training Undergraduate Teaching Assistants to Facilitate and Assess Process Skills in Large Enrollment Courses. Journal of Chemical Education, 2020, 97, 3521-3529.	2.3	5
18	Assessment of Student Performance on Core Concepts in Organic Chemistry. Journal of Chemical Education, 2019, 96, 865-872.	2.3	4

#	Article	IF	Citations
19	Single wall carbon nanotube/bis carboxylic acid-ICG as a sensitive contrast agent for in vivo tumor imaging in photoacoustic tomography. , 2013, , .		2
20	Board 25: Enhancing Learning by Assessing More than Content Knowledge. , 0, , .		2