

Sharon P Fraser

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2761880/publications.pdf>

Version: 2024-02-01

27
papers

520
citations

840776

11
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	The curriculum? Thatâ€™s just a unit outline, isnâ€™t it?. <i>Studies in Higher Education</i> , 2006, 31, 269-284.	4.5	172
2	Residence time distributions of solutes in the perfused rat liver using a dispersion model of hepatic elimination: 1. Effect of changes in perfusate flow and albumin concentration on sucrose and taurocholate. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1990, 18, 209-234.	0.6	52
3	The Effect of an e-Health Intervention Designed to Reduce Prolonged Occupational Sitting on Mean Arterial Pressure. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 1189-1194.	1.7	44
4	Developing mathematics teachersâ€™ 21st century competence for teaching in STEM contexts. <i>ZDM - International Journal on Mathematics Education</i> , 2019, 51, 955-965.	2.2	39
5	Pedagogical Content Knowledge (PCK): Exploring its Usefulness for Science Lecturers in Higher Education. <i>Research in Science Education</i> , 2016, 46, 141-161.	2.3	38
6	Residence time distributions of solutes in the perfused rat liver using a dispersion model of hepatic elimination: 2. Effect of pharmacological agents, retrograde perfusions, and enzyme inhibition on evans blue, sucrose, water, and taurocholate. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1990, 18, 235-258.	0.6	25
7	A Framework for Teaching Epistemic Insight in Schools. <i>Research in Science Education</i> , 2018, 48, 1115-1131.	2.3	25
8	Shaping the University Curriculum through Partnerships and Critical Conversations. <i>International Journal for Academic Development</i> , 2006, 11, 5-17.	1.1	17
9	Influencing Intended Teaching Practice: Exploring pre-service teachersâ€™ perceptions of science teaching resources. <i>International Journal of Science Education</i> , 2012, 34, 1883-1908.	1.9	14
10	Understanding innovative teaching practice in higher education: a framework for reflection. <i>Higher Education Research and Development</i> , 2019, 38, 1371-1385.	2.9	14
11	Making tacit knowledge visible: Uncovering the knowledge of science and mathematics teachers. <i>Teaching and Teacher Education</i> , 2019, 86, 102907.	3.2	12
12	A workplace intervention designed to interrupt prolonged occupational sitting. <i>International Journal of Workplace Health Management</i> , 2016, 9, 221-237.	1.9	11
13	Mapping development in studentsâ€™ understanding of vision using a cognitive structural model. <i>International Journal of Science Education</i> , 1998, 20, 45-66.	1.9	8
14	Educating Tomorrow's Scientists: IT as a tool, not an educator. <i>Teaching in Higher Education</i> , 1999, 4, 91-106.	2.6	8
15	Transformative Science Teaching in Higher Education. <i>Journal of Transformative Education</i> , 2015, 13, 140-160.	1.1	8
16	Using the STEM framework collegially for mentoring, peer learning and planning. <i>Professional Development in Education</i> , 2019, 45, 614-626.	2.8	8
17	A Strategic Approach to Curriculum Design for Information Literacy in Teacher Education â€“ Implementing an Information Literacy Conceptual Framework. <i>Australian Journal of Teacher Education</i> , 2013, 38, .	0.6	8
18	Towards an Understanding of Epistemic Insight: the Nature of Science in Real World Contexts and a Multidisciplinary Arena. [Editorial]. <i>Research in Science Education</i> , 2018, 48, 1107-1113.	2.3	6

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19	Images in mirrors: Recollections, alternative explanations and modes of cognitive functioning. <i>Research in Science Education</i> , 1994, 24, 191-200.	2.3	4
20	Marketing an Alternate Model for Science and Mathematics Initial Teacher Education. , 0, , 77-89.		2
21	Associations between Australian students' literacy achievement in early secondary school and senior secondary participation in science: accessing cultural and science capital. <i>International Journal of Science Education</i> , 2022, 44, 1549-1564.	1.9	2
22	Response to Mathematical Error in "The Effect of an e-Health Intervention Designed to Reduce Prolonged Occupational Sitting on Mean Arterial Pressure". <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, e78.	1.7	1
23	Considering Young People's Dislocation From STEM Education: Looking Beyond the Narrow Focus of Teaching and Learning Practice Within School. <i>Frontiers in Education</i> , 2021, 6, .	2.1	1
24	This tale of ours: Pakistani academics' challenges, struggles, and becoming. <i>International Journal for Academic Development</i> , 2021, 26, 418-432.	1.1	1
25	Youth physical activity and health interventions: ineffective and ill-conceived action?. <i>Asia-Pacific Journal of Health, Sport and Physical Education</i> , 2014, 5, 133-150.	0.9	0
26	Response to Comment on "The Effect of an e-Health Intervention Designed to Reduce Prolonged Occupational Sitting on Mean Arterial Pressure". <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, e79.	1.7	0
27	Cross Faculty Collaboration in the Development of an Integrated Mathematics and Science Initial Teacher Education Program. <i>Australian Journal of Teacher Education</i> , 2019, 44, 68-83.	0.6	0