

# Silvija Markic

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

352  
citations

840119

11  
h-index

887659

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Language and the teaching and learning of chemistry. <i>Chemistry Education Research and Practice</i> , 2016, 17, 434-438.	1.4	44
2	A case study on German first year chemistry student teachers beliefs about chemistry teaching, and their comparison with student teachers from other science teaching domains. <i>Chemistry Education Research and Practice</i> , 2008, 9, 25-34.	1.4	36
3	University Students'™ Readiness for Using Digital Media and Online Learning" Comparison between Germany and the USA. <i>Education Sciences</i> , 2020, 10, 313.	1.4	27
4	A Comparison of Student Teachers' Beliefs from Four Different Science Teaching Domains Using a Mixed Methods Design. <i>International Journal of Science Education</i> , 2012, 34, 589-608.	1.0	22
5	A Non-Formal Student Laboratory as a Place for Innovation in Education for Sustainability for All Students. <i>Education Sciences</i> , 2015, 5, 238-254.	1.4	22
6	First-Year Science Education Student Teachers'™ Beliefs about Student- and Teacher-Centeredness: Parallels and Differences between Chemistry and Other Science Teaching Domains. <i>Journal of Chemical Education</i> , 2010, 87, 335-339.	1.1	20
7	POTENTIAL CHANGES IN PROSPECTIVE CHEMISTRY TEACHERS'™ BELIEFS ABOUT TEACHING AND LEARNING" A CROSS-LEVEL STUDY. <i>International Journal of Science and Mathematics Education</i> , 2013, 11, 979-998.	1.5	19
8	BELIEFS ABOUT CHEMISTRY TEACHING AND LEARNING" A COMPARISON OF TEACHERS'™ AND STUDENT TEACHERS'™ BELIEFS FROM JORDAN, TURKEY AND GERMANY. <i>International Journal of Science and Mathematics Education</i> , 2014, 12, 767-792.	1.5	19
9	Secondary school students'™ chemistry self-concepts: gender and culture, and the impact of chemistry self-concept on learning behaviour. <i>Chemistry Education Research and Practice</i> , 2020, 21, 209-219.	1.4	17
10	Pre-service and in-service teachers'™ beliefs about teaching and learning chemistry in Turkey. <i>European Journal of Teacher Education</i> , 2013, 36, 464-479.	2.2	16
11	Secondary school students'™ acquisition of science capital in the field of chemistry. <i>Chemistry Education Research and Practice</i> , 2020, 21, 220-236.	1.4	16
12	One country, two cultures " a multi-perspective view on Israeli chemistry teachers'™ beliefs about teaching and learning. <i>Teachers and Teaching: Theory and Practice</i> , 2016, 22, 131-147.	0.9	14
13	Self-concept research in science and technology education " theoretical foundation, measurement instruments, and main findings. <i>Studies in Science Education</i> , 2019, 55, 37-68.	3.4	12
14	Jordanian chemistry teachers' views on teaching practices and educational reform. <i>Chemistry Education Research and Practice</i> , 2012, 13, 314-324.	1.4	9
15	Exploring Chemistry Student Teachers'™ Diagnostic Competence" A Qualitative Cross-Level Study. <i>Education Sciences</i> , 2017, 7, 86.	1.4	8
16	A Mixed Methods Approach to Culture-Sensitive Academic Self-Concept Research. <i>Education Sciences</i> , 2019, 9, 240.	1.4	8
17	Exploring Pre-Service Chemistry Teachers'™ Pedagogical Scientific Language Knowledge. <i>Education Sciences</i> , 2022, 12, 244.	1.4	5
18	Neue Ansätze zur Differenzierung im SchÃ¼lerlabor. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2018, 25, 255-262.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Development and Changes in Student Teachers' Knowledge Concerning Diagnostic in Chemistry Teaching - A Longitudinal Case Study. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2018, 14, .	0.7	3
20	How the home environment shapes students' perceptions of their abilities: the relation between chemistry capital at home and students' chemistry self-concept. <i>International Journal of Science Education</i> , 2020, 42, 2075-2094.	1.0	3
21	The Role of Gender and Culture in Vocational Orientation in Science. <i>Education Sciences</i> , 2020, 10, 240.	1.4	3
22	Vorstellungen deutscher Chemielehrkräfte über die Bedeutung und Ausrichtung des Chemielernens. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2009, 16, 90-95.	0.2	2
23	Die Veränderung fachbezogener Vorstellungen angehender Chemielehrkräfte über Unterricht während der Ausbildung - eine Cross-Level Studie. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2011, 18, 14-18.	0.2	1
24	Assisting students in their career choices: strategies for promoting students' science identities following the science capital approach. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2020, , .	0.2	1
25	Coaching strategies in vocational orientation for promoting young women's self-concept and career aspirations in chemistry. <i>Chemistry Teacher International</i> , 2021, .	0.9	1
26	Learning to Teach at Heterogeneous and Diverse Chemistry Classes - Methods for University Chemistry Teacher Training Courses. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2018, 14, .	0.7	1
27	Development of a concept of a seminar focusing on reading strategies developed following adapted model of participatory action research. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2019, 26, 108-113.	0.2	0
28	Vocational orientation in chemistry: A neglected field in chemistry teacher education. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 0, , .	0.2	0
29	Psychological Patterns in Chemistry Self-Concept: Relations with Gender and Culture. <i>Contributions From Science Education Research</i> , 2021, , 161-171.	0.4	0
30	Rachel Mamlok-Naaman, Ingo Eilks, George Bogner and Avi Hofstein: Professional Development of Chemistry Teachers - Theory and Practice, Royal Society of Chemistry: Croydon (UK), 2018, 203 pp.: ISBN: 9781782627067. <i>Center for Educational Policy Studies Journal</i> , 2020, 10, 215-218.	0.1	0