

# Silvija Markic

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

202  
citations

10  
h-index

13  
g-index

31  
ext. papers

258  
ext. citations

1.6  
avg, IF

3.62  
L-index

#	Paper	IF	Citations
25	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> , <b>2008</b> , 9, 25-34	2.1	27
24	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> , <b>2010</b> , 87, 335-339	2.4	17
23	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> , <b>2014</b> , 12, 767-792	1.7	14
22	A Comparison of Student Teachers' Beliefs from Four Different Science Teaching Domains Using a Mixed Methods Design. <i>International Journal of Science Education</i> , <b>2012</b> , 34, 589-608	2.2	14
21	POTENTIAL CHANGES IN PROSPECTIVE CHEMISTRY TEACHERS' BELIEFS ABOUT TEACHING AND LEARNING: A CROSS-LEVEL STUDY. <i>International Journal of Science and Mathematics Education</i> , <b>2013</b> , 11, 979-998	1.7	14
20	A Non-Formal Student Laboratory as a Place for Innovation in Education for Sustainability for All Students. <i>Education Sciences</i> , <b>2015</b> , 5, 238-254	2.2	12
19	Pre-service and in-service teachers' beliefs about teaching and learning chemistry in Turkey. <i>European Journal of Teacher Education</i> , <b>2013</b> , 36, 464-479	4.2	11
18	University Students' Readiness for Using Digital Media and Online Learning: Comparison between Germany and the USA. <i>Education Sciences</i> , <b>2020</b> , 10, 313	2.2	11
17	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> , <b>2020</b> , 21, 209-219	2.1	11
16	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> , <b>2016</b> , 22, 131-147	2	7
15	Jordanian chemistry teachers' views on teaching practices and educational reform. <i>Chemistry Education Research and Practice</i> , <b>2012</b> , 13, 314-324	2.1	7
14	Self-concept research in science and technology education: theoretical foundation, measurement instruments, and main findings. <i>Studies in Science Education</i> , <b>2019</b> , 55, 37-68	4.5	6
13	The Role of Language in the Teaching and Learning of Chemistry <b>2015</b> , 421-446		6
12	A Mixed Methods Approach to Culture-Sensitive Academic Self-Concept Research. <i>Education Sciences</i> , <b>2019</b> , 9, 240	2.2	5
11	Secondary school students' acquisition of science capital in the field of chemistry. <i>Chemistry Education Research and Practice</i> , <b>2020</b> , 21, 220-236	2.1	5
10	Exploring Chemistry Student Teachers' Diagnostic Competence: A Qualitative Cross-Level Study. <i>Education Sciences</i> , <b>2017</b> , 7, 86	2.2	4
9	Neue Ansätze zur Differenzierung im Schülerlabor. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , <b>2018</b> , 25, 255-262	0.3	3

8	Vorstellungen deutscher Chemielehrkräfte über die Bedeutung und Ausrichtung des Chemielernens. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , <b>2009</b> , 16, 90-95	0.3	2
7	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> , <b>2011</b> , 18, 14-18	0.3	1
6	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> , <b>2020</b> , 42, 2075-2094	2.2	1
5	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> , <b>2018</b> , 14,	1.6	1
4	The Role of Gender and Culture in Vocational Orientation in Science. <i>Education Sciences</i> , <b>2020</b> , 10, 240	2.2	0
3	Exploring Pre-Service Chemistry Teachers' Pedagogical Scientific Language Knowledge. <i>Education Sciences</i> , <b>2022</b> , 12, 244	2.2	0
2	Entwicklung eines Seminarkonzepts zu Lesestrategien entwickelt nach dem adaptierten Modell der Partizipativen Aktionsforschung. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , <b>2019</b> , 26, 108-113	0.3	
1	Psychological Patterns in Chemistry Self-Concept: Relations with Gender and Culture. <i>Contributions From Science Education Research</i> , <b>2021</b> , 161-171	0.2	