

# Changlong Zheng

## List of Publications by Year in descending order

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9  
papers

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citations

1937685

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1720034

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of an Instrument for Measuring Chinese Chemistry Teachers'™ Perceived Self-Efficacy Towards Chemistry Core Competencies. <i>International Journal of Science and Mathematics Education</i> , 2022, 20, 1337-1359.	2.5	6
2	Pattern Recognition of Holographic Image Library Based on Deep Learning. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.9	1
3	UPPER SECONDARY SCHOOL STUDENTS'™ CONCEPTIONS OF CHEMICAL EQUILIBRIUM IN AQUEOUS SOLUTIONS: DEVELOPMENT AND VALIDATION OF A TWO-TIER DIAGNOSTIC INSTRUMENT. <i>Journal of Baltic Science Education</i> , 2022, 21, 428-444.	1.0	2
4	Development and validation of an instrument for measuring Chinese chemistry teachers'™ perceptions of pedagogical content knowledge for teaching chemistry core competencies. <i>Chemistry Education Research and Practice</i> , 2021, 22, 513-531.	2.5	10
5	An Analysis of the Effectiveness of Machine Learning Theory in the Evaluation of Education and Teaching. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-10.	1.2	1
6	The development, validation, and interpretation of a content coding map for analyzing chemistry lessons in Chinese secondary schools. <i>Chemistry Education Research and Practice</i> , 2019, 20, 246-257.	2.5	0
7	Development of the instrument of question-answer process (IQAP) and its application in examining salient characteristics between pre- and in-service teachers in senior high school chemistry class. <i>International Journal of Science Education</i> , 2019, 41, 1228-1245.	1.9	3
8	Using Rasch measurement to validate an instrument for measuring the quality of classroom teaching in secondary chemistry lessons. <i>Chemistry Education Research and Practice</i> , 2016, 17, 381-393.	2.5	15
9	Development of an Instrument for Assessing the Effectiveness of Chemistry Classroom Teaching. <i>Journal of Science Education and Technology</i> , 2014, 23, 267-279.	3.9	11