

# Dazhi Chen

## List of Publications by Year in descending order

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11  
papers

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Investigation on Formaldehyde SAW Sensor with ZnO Film Prepared through Radio Frequency Magnetron Sputtering. Russian Journal of Physical Chemistry A, 2022, 96, S197-S202.	0.6	1
2	Adsorption of Formaldehyde on ZnO(0001) Surface Doped with Cr and Cu: A Density Functional Theory Study. Russian Journal of Physical Chemistry A, 2021, 95, 630-635.	0.6	0
3	The adsorption mechanism of formaldehyde molecules on ZnO-SAW sensor at a different relative humidity. Results in Physics, 2021, 26, 104442.	4.1	7
4	Enhanced strength and plasticity in a novel 55Si2MnMoV spring steel via austempering. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 825, 141887.	5.6	7
5	A review of progress on high nitrogen austenitic stainless-steel research. Materials Express, 2021, 11, 1901-1925.	0.5	7
6	Adsorption mechanism of water molecules on the surface of ZnO-SAW sensors. Chemical Physics, 2020, 538, 110915.	1.9	4
7	Enhanced Mechanical Properties of Sintered Iron via Cyclic Induction Heat Treatment. Russian Journal of Physical Chemistry A, 2020, 94, 2696-2702.	0.6	1
8	Investigation of Formaldehyde Adsorption on ZnO(0001) Surface by Density Functional Theory. Russian Journal of Physical Chemistry A, 2020, 94, 423-428.	0.6	12
9	Investigation of Formaldehyde Adsorption on Carbon Nanotubes by Density Functional Theory. Current Nanoscience, 2020, 16, 846-850.	1.2	1
10	Enhancing Mechanical Properties of the Spark Plasma Sintered Inconel 718 Alloy by Controlling the Nano-Scale Precipitations. Materials, 2019, 12, 3336.	2.9	19
11	Thin-Film Sensors for Detection of Formaldehyde: A Review. IEEE Sensors Journal, 2015, 15, 6749-6760.	4.7	57