

# Fuping Zhang

## List of Publications by Year in descending order

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11  
papers

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1478505

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1372567

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#	ARTICLE	IF	CITATIONS
1	Insight into the structures and reactivities of aqueous Al(III)-carboxylate complexes from cluster-based ab initio computational studies – Implications for the ligand-promoted mineral dissolution mechanism. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 451-466.	3.9	2
2	Density functional theory studies on the solvent effects in $\text{Al}(\text{H}_2\text{O})_6^{3+}$ water-exchange reactions: the number and arrangement of outer-sphere water molecules. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7342-7350.	2.8	6
3	Deriving TC50 Values of Nanoparticles from Electrochemical Monitoring of Lactate Dehydrogenase Activity Indirectly. <i>Methods in Molecular Biology</i> , 2012, 926, 113-130.	0.9	0
4	Multi-walled carbon nanotubes decrease lactate dehydrogenase activity in enzymatic reaction. <i>Bioelectrochemistry</i> , 2011, 82, 74-78.	4.6	4
5	Electrochemical and Spectrometric Studies of Double-Strand Calf Thymus Gland DNA Denatured by Al(III) at Neutral pH. <i>Analytical Sciences</i> , 2009, 25, 1019-1023.	1.6	5
6	Direct Voltammetric Specific Recognition of Dopamine Using Al(III)-DA Complexes at the Hanging Mercury Drop Electrode. <i>Analytical Sciences</i> , 2007, 23, 1325-1329.	1.6	2
7	Linear scan voltammetric indirect determination of Al(III) by the catalytic cathodic response of norepinephrine at the hanging mercury drop electrode. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1756-1761.	3.5	19
8	Application of Dopamine as an Electroactive Ligand for the Determination of Aluminum in Biological Fluids. <i>Analytical Sciences</i> , 2002, 18, 293-299.	1.6	12
9	ELECTROCHEMICAL AND SPECTROMETRIC STUDIES ON THE PRINCIPLE OF INDIRECT DETERMINATION OF ALUMINUM USING L-DOPA AS AN ELECTROACTIVE COMPLEXING LIGAND. <i>Analytical Letters</i> , 2002, 35, 135-152.	1.8	13
10	Application of L-Dopa as an Electroactive Ligand for Indirect Determination of Aluminum in Biological Samples by Differential Pulse Voltammetry. <i>Electroanalysis</i> , 2001, 13, 1054-1058.	2.9	14
11	Differential pulse voltammetric indirect determination of aluminium in drinking waters, blood, urine, hair, and medicament samples using l-dopa under alkaline conditions. <i>Analyst</i> , 2000, 125, 1299-1302.	3.5	22