

Coordination Chemistry Reviews 149 (1996) 401–404



COORDINATION CHEMISTRY REVIEWS, VOL. 149 (1996)

AUTHOR INDEX

Aramini, J.M., 193	Jobstraibizer, P., 367	Roberts, N.B., 231
	Jordan, P.A., 281	Rowatt, E., 167
Bellia, J.P., 231		
Berthon, G., 241	Kiss, T., 329	Saponja, J.A., 193
Birchall, J.D., 231		Sjöberg, S., 33
Bombi, G.G., 11	Laussac, JP., 179	Smith, R.M., 311
		Smith, R.W., 81
Clayden, N.J., 281	Martell, A.E., 311	2
Corain, B., 11	Martin, R.B., 23	Tapparo, A., 11
Corain, B., 329	Moore, G.R., 281	Tapparo, A., 281
Cung, MT., 179	Motekaitis, R.J., 311	
T O.D. 105	N.1. D.1.05	Vitorello, V., 113
Fasman, G.D., 125	Nelson, D.J., 95	Vogel, H.J., 193
Favero, G., 367	Öhman I O 22	3.7
** 1 2 2 4	Öhman, LO., 33	Williams, R.J.P., 1
Hancock, R.D., 311	Orlewski, P., 179	•
Harris, W.R., 347		Williams, R.J.P., 167
Haug, A., 113	Perazzolo, M., 11	
Heath, S.L., 281	Powell, A.K., 281	Zatta, P., 11
Heath, S.L., 59	Powell, A.K., 59	Zatta, P., 329

SUBJECT INDEX

ADP

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

Al³⁺

Ternary complexes of Al³⁺ and F⁻ with a third ligand 23

The interaction of aluminium with silicic acid in the presence and absence of a phosphorylated protein 167

Al-ligand interactions

Chemical speciation studies in relation to aluminium metabolism and toxicity 241

Al complexes

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Al(III)-biophosphate complexes

Interaction of aluminium(III) with phosphate-binding sites: biological aspects and implications 329

Al(III)-related dehydration

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Al(III) binding

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Al(III) complexes

Coordination of Al(III) in the environment and in biological systems 311

Al(III) removal

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Al(III) toxicity

Interaction of aluminium(III) with phosphate-binding sites: biological aspects and implications 329

²⁷Al NMR

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

²⁷Al NM

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Aluminium

Aluminium and biological systems: an introduction 1

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

Aluminum and Alzheimer's disease: model studies 125

Three-dimensional structure of Al³⁺-containing peptides by NMR and molecular modeling study: complexation of a thymic hormone 179

Spectroscopic studies of the interaction of aluminum(III) with transferrins 193

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

The distribution of aluminium in the Earth: from cosmogenesis to Sial evolution 367

Aluminium complexes

X-ray structural analysis of biologically relevant aluminium (III) complexes 59

Aluminium(III) fate

Kinetic aspects of aqueous aluminum chemistry: environmental implications 81

Aluminium(III) speciation

Kinetic aspects of aqueous aluminum chemistry: environmental implications 81

Aluminium(III) toxicity

Aluminium toxicity and metal speciation: established data and open questions 11

Aluminium solubilization

Kinetic aspects of aqueous aluminum chemistry: environmental implications 81

Aluminium speciation

Chemical speciation studies in relation to aluminium metabolism and toxicity 241

Alzheimer's disease

Aluminum and Alzheimer's disease: model studies 125

Binding and transport of aluminum by serum proteins 347

Aquatic chemistry

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

ATP

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

Bioavailability

X-ray structural analysis of biologically relevant aluminium(III) complexes 59

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Biological effects

Aluminium toxicity and metal speciation: established data and open questions 11

Biological systems

Aluminium and biological systems: an introduction 1

13C

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Calmodulin

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Calmodulin partners

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Chemical modelling

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Collagen

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

Complexation

Binding and transport of aluminum by serum proteins 347

Computer simulation model

Chemical speciation studies in relation to aluminium metabolism and toxicity 241

Copper

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

Cosmogenesis

The distribution of aluminium in the Earth: from cosmogenesis to Sial evolution 367

Equilibrium analysis

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Excretion

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

F-

Ternary complexes of Al and F with a third ligand 23

G-protein

Ternary complexes of Al³⁺ and F⁻ with a third ligand 23

Geology

The distribution of aluminium in the Earth: from cosmogenesis to Sial evolution 367

1H

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Heidi

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Medium effects

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Metal ion binding

Binding and transport of aluminum by serum proteins 347

Metal ion transport

Binding and transport of aluminum by serum proteins 347

Metal speciation

Aluminium toxicity and metal speciation: established data and open questions 11

NMR

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

NMR spectroscopy

Three-dimensional structure of Al³⁺-containing peptides by NMR and molecular modeling study: complexation of a thymic hormone 179

Nuclear magnetic resonance

Spectroscopic studies of the interaction of aluminum(III) with transferrins 193

Phosphate binding

The interaction of aluminium with silicic acid in the presence and absence of a phosphory-lated protein 167

Phosuitin

The interaction of aluminium with silicic acid in the presence and absence of a phosphory-lated protein 167

Plasma aluminium

Chemical speciation studies in relation to aluminium metabolism and toxicity 241

Potentiometric titrations

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

Potentiometry

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Protein dynamics

Aluminium coordination to calmodulin:. thermodynamic and kinetic aspects 113

Proteins

Aluminum complexation with nucleoside diand triphosphates and implication in nucleoside binding proteins 95

Quadrupolar central transition

Spectroscopic studies of the interaction of aluminum(III) with transferrins 193

Silicic acid

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

Silicon

Aluminium and biological systems: an introduction 1

On the mechanisms underlying the essentiality of silicon — interactions with aluminium and copper 231

Silicon acid

The interaction of aluminium with silicic acid in the presence and absence of a phosphorylated protein 167

Solution speciation

Interaction of aluminium(III) with phosphate-binding sites: biological aspects and implications 329

Speciation

Defining speciation profiles of Al³⁺ complexed with small organic ligands: the Al³⁺-heidi system 281

Spectroscopy

Spectroscopic studies of the interaction of aluminum(III) with transferrins 193

Temperature effects

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Ternary complexes

Ternary complexes of Al³⁺ and F⁻ with a third ligand 23

Thermodynamic data

The experimental determination of thermodynamic properties for aqueous aluminium complexes 33

Three-dimensional structures

Three-dimensional structure of Al-containing peptides by NMR and molecular modeling study: complexation of a thymic hormone 179

Thymulin

Three-dimensional structure of Al³⁺-containing peptides by NMR and molecular modeling study: complexation of a thymic hormone 179

Transferrins

Spectroscopic studies of the interaction of aluminum(III) with transferrins 193

X-ray crystal structure

X-ray structural analysis of biologically relevant aluminium(III) complexes 59