

Keyword Index Volume 12 (2013)

adsorption	113	chloramphenicol	1
alumina	49	4'-(4-chlorophenyl)-2,2':6',2''-terpyridine (Clphtpy)	349
alumina-spinel and magnesia-spinel	331	complexes of Y(III), La(III), Sc(III)	375
alumoxane	49	complexes with As(III), Sb(III) and Bi(III)	235
amoxicillin	139	coordination	87
analgesic	87	co-precipitation and sol-gel techniques	331
antibacterial	257, 275, 349	crystal structure	105, 185, 197, 285, 349
antifungal	275	Cu (I) complex	323
anti-inflammatory	87	Cu _x Co _{1-x} Al ₂ O ₄	169
antipyretic	87	cyano-bridged complex	307
antipyrene	257	cyclophosphazane	323
antitumor	153	decaborane	39
aroylhydrazone	25	decahydrodecaborate	39
arsenic(III) trithiolates	285	dehydroacetic-1, 8-naphthaleimine	209
artemia salina	293	diaminopyridine	87
As(III) trithiolates	221	dielectric constants	251
Ba(II) complex	197	dielectric dispersion	361
benzaldehyde	57, 177	dielectric loss	361
benzyl alcohol	57, 177	dimercaprol	235
Bi(III) thiolates	221	2,3-Dimercapto-1-propanol	235
bimetallic	307	dioxygen activation	125
biocidal polymers	293	disulfides	125
bis(dimethylarsinato)(nitrate)bismuth monohydrate	125	DNA-binding and cleavage	25
bismuth nitrate pentahydrate	125	dosage forms	139
bismuth	67	ESR	153, 257
blue ceramic	169	α-effect	285
boron compound	39	excess parameters	361
boron hydride	39	excess permittivity	251
British Anti-Lewisite	235	explosive properties	185
¹³ C NMR	235	fluorescence	15
Cadmium(II)	349	FT-IR	307
calcinations	169	¹ H NMR	221, 235
captopril	221	hexacyanoferrate(III)	1
carbon nanotube	67	hydrazoneoxime	153
catalase-like activity	307	hydrogen bonds	105
cefoperazone	139	hydrolysis	15

isonicotinoyl hydrazide	153	picrate	185
isotherm	113	Poly(hydroxy styrene)	293
kinetics	1, 113	Polyurethane	49
Kirkwood correlation factor	251, 361	potassium permanganate	139
lead	67	Potentiometric studies	375
lithium ion	49	pyridine	323
Magnesium(II)	185	quaternary ammonium and phosphonium salts	293
Magnesium aluminate spinel	331	quinoline	87
mechanism	1	Schiff base	15, 209, 257, 275
membrane	49	selective oxidation	57, 177
metal complexes	25, 153, 257, 275	sensitivity	197
methylene blue	113	Solute – solvent interactions	251
microwave condition	57, 177	spectrophotometric	139
mixed ligand complexes	375	stability constants	375
modified Bruggeman model	251	Sulfa drug	275
nano ceramic materials	331	sulfur	67
nanoparticle	49	Synthesis	209
nano-pigment	169	tetrazole-1-acetic acid	197
Ni-doped CoFe_2O_4 ferrites	57	thermal analysis	185
Ni-doped MgFe_2O_4 ferrites	177	thermal decomposition	197
organic-inorganic hybrids	105	thermodynamic parameters	361
osmium(VIII)	1	thiols	125
oxime	257, 307	(±)trans-1,2-diaminocyclohexane	15
parasarcophaga aegyptiaca salem	209	tribromidoplumbate polymer	105
Perovskite-type oxide LaFeO_3	113	tris(4-aminophenylthio)arsine	285