

Keyword Index Volume 14 (2015)

ab initio calculations	369	di-sodium tetraborate	35
absorption spectroscopy	1	dosage form	59
albite	313	EDTA	215
alkoxy derivatives	301	electrical properties	199
amino acid	91	electron affinity	161
anion complexes	105	<i>endo</i> - and <i>exo</i> -cyclic	339
annealing temperature	27	eosin B	59
antifungal and antibacterial activities	127	Er/Zn	173, 267
aromaticity	369	fluoroaromatics	43
(<i>p</i> -aminophenyl) arsine oxide	237	gel method	91
azacyclopropenylidene	359	gemifloxacin	59
azo compounds	43	heterocycle	369
band gap	323	HOMO-LUMO	291
benzene	369	host-guest composite material	215
bisphosphoramidate	79	human plasma	349
boron compound	301	hydrogen bonds	79
boron hydride	301	hydrophobic channels	91
BSSE	323	hydrothermal syntheses	13
cadmium(II) complexes	115	hydrothermal synthesis	199
carbohydrate polymers	35	inflammation	227
cation complexes	105	ketenimine	359
cationic templates	71	LC-MS/MS	349
cediranib	349	liquid phase deposition	279
centrosymmetric dimer	339	liquid-phase grafted method	173, 267
character	255	luminescent property	173, 215, 267
coated urea	35	luminescent	255
comet assay	227	magnesium borate	199
conductive film	185	mcallisterite	199
crown ether	1	metal cation	1
crystal structure	115, 339	metal organic framework	13, 91
<i>Curcuma longa</i>	185	microstructure	313
DBM	173, 267	MP2 method	323, 359
decahydrodecaborate	301	NMR spectroscopy	339
density functional theory	291	optical properties	199
DFT calculations	79	oxidative stress	227
DFT computations	141	oxide	279
dihydrogen bonding	323	palladium chloride	59

<i>p</i> -aminophenylarsonous acid dithiolates	237	supramolecular polymer	71
<i>p</i> -aminophenylarsonous acid	237	terpyridine	115
<i>p</i> -Arsanilic acid	237	tetrazole	13
<i>p</i> -azo-carboxylates	127	thermal properties	43
pharmacokinetic study	349	thermal property	115
porphyrazine	1	thin film	27, 279
propolis	227	thiourea	185
QTAIM	323	titanium	279
rare earth	255	tri- <i>n</i> -butyltin(IV) complexes	127
reaction mechanisms	359	triphenylphosphine	237
reduction	237	UPLC	349
ROP of <i>rac</i> -LA	141	vanillin	339
samarium	215	vertical detachment energy	161
SBA-15	173, 215, 267	vibrations	369
self-assembly	71	weak interactions	105
SEM	313	X-ray crystallography	79
silicon	279	X-ray diffraction	313
single crystal X-diffraction	91	X-ray fluorescence	313
SiO ₂ aerogel	255	yttrium fluorides	291
¹¹⁹ Sn-NMR	127	zinc complexes	141
sol-gel method	255	zinc(II)	105
spectrofluorimetry	59	zirconium chloride	59
spectrophotometry	59	zirconium	279
spray pyrolysis technique	27	Zn(II)	13
stability constant	1	ZnO nano and micro structures	13
stability	291	ZnO	27
staphylococcus aureus	227	β-enaminoketonate ligands	141
substituted anilines	127	π interactions	43
superhalogens	161, 291		
supersalts	161		