

## Keyword Index Volume 23 (2009)

<sup>13</sup> C NMR	191	electrospray ionization mass spectrometry	131
$\beta$ -cyclodextrin	51, 191	element analysis	1
		ethanol	265
acridine orange staining	175	femur	1
antibacterial activity	299	flavonoids	29
antimicrobial activity	45	flaxseed protein	307
antioxidant	29	flow injection	209
assay	201	fluorescence quenching	257
ATR-FTIR	113	fluorescence resonance energy transfer	11
attenuated total reflection	291	fragmentation pathway	131
		FT-IR	29, 51, 191, 291
<i>Bacillus subtilis</i>	165	FT-IR analysis	175
bacteriophages	165	FT-IR spectroscopy	81, 165
band width resolution	71	FT-Raman spectroscopy	59, 281
binding constant	29, 81	fusion protein	123
binding mode	81		
binding sites	29	genomic DNA	59, 281
binding-induced conformational transition	11		
biofilm	175	helical conformation	123
bioglasses	227	human serum and urine	209
BMD	1	hyperbilirubinemia	243
bovine hemoglobin	271		
bovine serum albumin	257, 265	identification	291
		inclusion compounds	51, 191
calf-thymus DNA	141	industrialized food	217
cell surface composition	165	interaction	271
characterization	291	isometric exercise	233
chemiluminescence	209	isoniazid	201
chromophore concentration	233		
circular dichroism	123	lactosyl-hydrazone	201
circular dichroism spectroscopy	265	leaf tissue	59, 281
clenbuterol hydrochloride	271	LEDs device prototype	243
common-bile-duct obstruction	243	leukemia	123
conformation	29	levofloxacin	209
cyclic dipeptides	131		
		mercury(II)	45
derivatization	201	microorganisms	291
determination	113	molecular modeling	51, 191
difference spectra	123, 155	molecular modeling methods	271
dissociation constants	123	molecular structure	59, 307
dissolution test	227	muscle ischemia	233
DNA	29, 81, 291		
DNA base intercalator	11	naltrexone	113
DNA minor groove-binder	11	NIRS	233
DNA structure	155	NMR spectroscopy	45, 299
DNA-binding properties	103	non-bridging oxygen	227
DSC	51, 191	non-invasive measurement	233
DUWL bacterial isolates	175		

osteoporosis	1	structural characterization	103
oxygen consumption	233	(Sub)picosecond dynamics	141, 281
		sucrose	265
palladium(II)	299	sucrose quantification	217
peptides	123	synchrotron IR	307
perfusion	233		
phototherapy	243	telemetry	233
planktonic	175	thiolates	45
PLS	113, 217	thiones	299
protein	81	time-correlated single-photon counting	11
prulifloxacin	257	transcription activation	123
		transcription repression	123
Raman spectroscopy	71, 141, 155, 217, 227	tRNA	29
		two-dimensional fluorescence correlation spectroscopy	257
secondary structure	81		
secondary structure predictions	123	UV-Vis spectrophotometry	201
signal to noise ratio (SNR)	71	UV-visible spectroscopy	29
Sm complex with ofloxacin	103	validation	201
soft drinks	217		
spectral resolution	71	wavelength selection	113
spectrometry	113		
spectroscopic techniques	271, 307	X-ray powder diffraction	51, 191
sporulation	165		
SRXRF	1	Zn <sup>2+</sup> ions	141, 155