



covalent character .....	593	fingerprinting.....	338
Cr(VI) .....	379	flavone derivatives .....	414
crystal .....	492	flavonoids .....	476
CT-DNA .....	422	flourescence.....	492, 725
Cu (II) complex .....	422	free DPPH radical scavenging activity.....	476
cultivar .....	50	free radicals .....	384
current collector.....	61	FT-IR.....	403
cyclometalated complexes .....	532	FT-IR spectroscopy .....	71
cytotoxicity .....	43	FuKui function .....	194
D-aminoacylase .....	219	fumaric acid.....	369
danger of extinction .....	256	furan-2(5H)-ones.....	364
database mining .....	55	furfural .....	613
deltamethrin .....	720	gamma – irradiation .....	269
dendrimer stars .....	543	gas 134	
density functional theory .....	359	gene synthesis.....	219
determination .....	159	generalized atom-bond connectivity index.....	543
DFT.....	5, 194, 514	genetic operators .....	713
dichlorvos .....	720	gibberellins .....	256
diethylzinc .....	705	glucose .....	109
dihydropyrimidin-2(1H)-ones.....	606	graphite.....	114
dihydroquinazoline derivatives.....	272	green chemistry .....	364
dispersive liquid-liquid microextraction .....	525	green protocol.....	369
DNA .....	589	ground and surface water .....	92
DNA binding .....	725	Hall current.....	497, 659, 770
doping .....	297	Hantzsch reaction .....	373
DRFT .....	194	harvesting year .....	50
drying models .....	480	heat absorption .....	659, 770
dyestuff degradation .....	763	heat transfer.....	497
dynamics .....	535	heavy metals.....	535, 646
eccentric connectivity index .....	165	hematite .....	297
eccentricity.....	165	HER.....	78
ecofriendly .....	379	heterocycles.....	395
edge eccentric connectivity index.....	165	HF 571	
efflorescent and sulfate minerals .....	92	hindered phenols .....	141
electrochemical instabilities.....	126	H-NMR.....	403
electrocoagulation.....	628	homeopathic pills .....	269
electrode mass carrier .....	61	human plasma.....	147
electrode materials .....	758	humidity sensors.....	297
electrodeposition.....	698	hybrid supercapacitors.....	758
electrolysis .....	84	hydrogen energy.....	290
enantioselectivity .....	705	hydrogen evolution.....	78, 84
encapsulation method .....	389	hydrogen storage .....	469
endophytic fungi .....	306	hydrothermal reaction .....	492
endophytic fungi .....	787	hydroxyl radical .....	359
EPR.....	269	hypothyroidism .....	384
ERIC-PCR .....	338	ICP/MS.....	646
<i>Escherichia coli</i> .....	736	ilmenite.....	187
essential oil .....	120, 636, 641, 678	imidazopyridine.....	725
estradiol valerate .....	456	immune-quartz crystal microbalance .....	689
exact solution.....	506	immunosensor .....	689
expression .....	219	impedance spectroscopy.....	225
extended structure.....	492	infectious diseases .....	414
extraction technology.....	153	influencing factors.....	558
FAAS .....	525	influenza A .....	303
fatty acids.....	66	inhibition .....	720
FeCl <sub>3</sub> /SiO <sub>2</sub> nanoparticles .....	619	intercalative interaction .....	422
Fe-Mn compounds .....	558	intermolecular hydrogen-atom transfer .....	359
fermentation process.....	713	inulin .....	194
FeTiO <sub>3</sub> .....	187	Ir(C <sup>^</sup> N) <sub>3</sub> .....	532
FIMS.....	646	iridium.....	532

isotherm models.....	261	multiplex-PCR.....	338
JWH-018.....	461	multi-population genetic algorithms .....	713
JWH-073.....	461	nano-BBr <sub>3</sub> .SiO <sub>2</sub> .....	606
<i>Kaempferia parviflora</i> .....	317	nanocatalyst.....	395
kinetic .....	698	nanocomposite.....	38, 238
kinetics.....	244, 261, 311, 558	nanocones.....	105
k-polyomino system.....	332	nanoemulsion particles (NEP).....	323
lactoferrin.....	323	nanofiltration .....	232
lambda-cyhalothrin .....	720	nanoparticles .....	290, 565
Langmuir .....	628	nano-perovskite .....	430
LC-MS/MS .....	147	nano-structure .....	209, 225
lead acid battery.....	285	natural convection .....	659
leaves .....	379	nickel-zinc batteries.....	61
likelihood .....	256	Nigeria.....	746
<i>Limonium thouinii</i> .....	476	nociceptin .....	33
linearity .....	456	nociceptin analogues .....	33
linseed essential oil.....	698	non-catalytic reverse-flow reactor.....	793
lipid peroxidation.....	753	non-Darcyflow .....	497
liver.....	384	non-destructive .....	71
low rank coal .....	746	non-ferrous metal smelter.....	92
lower critical solution temperature (LCST).....	731	non-Newtonian fluid .....	497
Lumbardhi river.....	646	N-phenylacetamide .....	514
lycopene.....	153	nutrients.....	21
<i>M. tuberculosis H37Rv</i> .....	43	<i>Oenothera macrocarpa</i> .....	636
magnetic dilution .....	593	oil sorbent.....	446
malathion .....	720	oil-in-water emulsion .....	323
malondialdehyde.....	183	omega polynomial .....	332
malononitrile.....	187	one-pot .....	606
MAM-2201 .....	461	oregano.....	678
manganese .....	525	organic matter.....	550
manganite-cobaltite.....	430	oxalic acid .....	694
Mannich type reaction .....	694	oxazines.....	705
mathematical models .....	480	oxidation-kinetics .....	671
mechanism .....	244, 550	oxidative stress .....	183
<i>Meconopsis</i> .....	306	oxygen tension .....	521
<i>Menthamozaffariani</i> .....	641	oxyhemoglobin photo-dissociation .....	521
mercury.....	613	palindrome .....	589
Meric (Maritsa) river basin.....	21	parameter identification.....	713
methanol extracts .....	120	peanut shell.....	535
methoxyflavone .....	317	PEM .....	78
methyl orange .....	628	perfluorooctyl bromide (PFOB) .....	323
methylene blue.....	422	pesticide .....	720
Mg-based .....	469	pharmacological activity .....	194
microelements.....	50	phase composition .....	451
microstructure .....	469	phenolic compounds.....	27
microwave treatment .....	261	phosphorescent .....	532
mild conditions .....	606	photocatalytic activity .....	238
minerals .....	66	photochemistry .....	763
minimum inhibitory concentration (MIC) .....	414	physicochemical.....	746
mixed nitrogen donor ligands .....	422	physicochemical features .....	21
modification.....	261, 535	physico-chemical parameters .....	646
modified anaerobic hybrid baffled (MAHB) reactor .....	440	physico-chemical properties.....	624
molecular structure .....	5	physiological function .....	153
monitoring .....	92	PI polynomial .....	332
mono-azo dyes.....	71	piperitone .....	641
MP2 method .....	600	Piteguo fruit.....	798
MP3 .....	571	pitting corrosion .....	763
MRSA.....	338	plumbaginaceae.....	476
multicomponent .....	619	p-nitro aniline (PNA) .....	403
multi-component reaction.....	364, 369, 395	pollution assessment.....	646

poly(acrylic acid).....	731	synthesis.....	272, 532
polyamide-6.....	114	target affinity.....	55
polyamides.....	725	target selectivity.....	55
polyaniline composites.....	379	tellurium(IV).....	13
polyomino chains.....	332	tetraethyl orthosilicate (TEOS).....	38
polypyrrole.....	126	tetrahydrobenzo[ <i>b</i> ]pyran.....	244
polysaccharides.....	306, 798	thermal.....	209
polystyrene-anchored coordination compounds.....	593	thermal oxidation.....	793
positive active mass.....	285	thermal stability.....	38
preconcentration.....	525	thermodynamic parameters.....	698
principal components analysis.....	684	thermodynamics.....	311
privileged scaffolds.....	55	thermogravimetric.....	746
pyrazolone.....	619	thermosensitive polymers.....	731
quantitative structure - activity relationships.....	736	thiazolidin-4-one.....	593
quantum chemical calculations.....	5	thin films.....	225
radical scavenging activity.....	27	thin oil film.....	446
ramped temperature and thermal radiation.....	770	thorny graph.....	165
reaction mechanisms.....	600	Thracian depression.....	92
real sample.....	13	Three-component coupling.....	373
recycled paper mill effluent (RPME).....	440	three-component reaction.....	187
reduced graphene oxide.....	38	thyme.....	678
removal performance.....	550	tin.....	285, 698
response surface methodology.....	798	TiO <sub>2</sub> /SiO <sub>2</sub> /Ni.....	238
Rhodamine B.....	389	tissue oxygenation.....	521
rooting.....	256	TLC-densitometry.....	456
rutin.....	232	tobacco leaves.....	232
Sadhana polynomial.....	332	total phenol.....	636
SAW resonator.....	134	transmission electron microscopy.....	209
Schiff base.....	209	triazole.....	250
secondary metabolites.....	787	TST.....	571
separation method.....	279	Tungsten.....	78
sequence specificity.....	725	ultra-low concentration methane.....	793
severe plastic deformation.....	469	ultrasonic-assisted extraction.....	798
simultaneous distillation-extraction.....	279	ultrasound irradiation.....	395
single crystal.....	589	upper critical solution temperature (UCST).....	731
sodium borohydride.....	290	UR-144.....	461
sol-gel.....	38, 238	urogenital tract.....	120
solid-liquid extraction.....	232	UV radiation.....	384
solvent free.....	250, 373, 619	UV-spectrophotometry.....	13
solvent-free conditions.....	369, 395	UV-Visible.....	403
sonochemistry.....	763	validation.....	456
sonophotocatalytic process.....	763	vanadium (V).....	558
sorption capacity.....	446	virus-protector.....	303
spectrophotometry.....	159	volatile oil.....	279
spectrum.....	109	voriconazole.....	147
stable steady-state.....	126	walnut.....	50, 66
streptozotocin-induced diabetic rats.....	317	water.....	379
strong field.....	593	water samp.....	525
structural and magnetic phase transition.....	430	water wells.....	21
structure.....	624	X-ray diffraction.....	5
STS-135.....	461	Zagreb index.....	165
suction/injection.....	506	zinc electrode.....	61
sulfonamide.....	5	zinc oxide.....	105
sulfuric acid.....	109	<i>Ziziphora tenuior</i> .....	120
sunflower oil.....	753	<i>Ziziphus jujuba</i> .....	279
supported catalysts.....	451	ZnO nanowires.....	134
supported photocatalyst.....	389	ZrOCl <sub>2</sub> -MCM-41.....	395
surface modification by attrition treatment.....	469	$\alpha$ -benzylamino coumarin.....	694
surface properties.....	225	$\alpha$ -glucosidase inhibitory activity.....	317
sustainable plant.....	256		