

Keyword Index Volume 27 (2016)

β -TCP	413	chitosan	353, 561
3D reconstruction	49	chitosan mesh tube	75
ACL injury	111	coagulation	353
adsorption	63, 161, 227	coating	251
alginate	561	collagen	63, 149, 259
amniotic membrane	603	colorimetric method	657
angiogenesis	237	complement system	353
anodic oxidationm	485	composite	87, 259
anti-hyperlipidemia	577	compound Doppler signal simulation	131
anticoagulant	161	compression strength	425
apheresis	161	computational mechanics	507
apolipoprotein E knockout ($ApoE^{-/-}$) mice	577	continuous wavelet transform	527
around shoulder prosthetic	29	corrosion	287, 341
atheromatous plaque	183	corrosion resistance	539
atherosclerosis	577	cross-link density	437
AVM	613	cryogel	327
axial and radial velocity profiles	131	curcumin	577
bead mill	405	cyanoacrylate adhesive	425
bi-ventricular heart model	507	cyclic loading	389
bioactive glass	425		
bioactivity	251, 485	Deadman theory	171
biocompatibility	251, 485, 647	decellularized nerve	75
biodegradable	87	decontamination	341
biodegradable implant	287	dental porcelain	365
biodegradable scaffolds	561	dermal fibroblasts	237
bioink	669	diagnostic imaging	315
biological composite material	251	DNA	211
biomaterial	87	drilling force	101
biomechanics	507	drug delivery	375
biopaper	669	dual camera system	49
bioprinting	669	duty cycle	211
bispectrum	275		
blood compatibility	161	Electrical Impedance Tomography	315
bone drilling	39, 101	electrical polarization	305
bone mineral density	305	electrical property	305
bone regeneration	413	electrodeposition	287
bone repair	259	electrophoretic deposition	251
calcification	183	estradiol	475
calcium phosphate	87, 259	experimental analysis	39
calcium-phosphate coatings	551	extremely low frequency	211
carbonate apatite	305		
carotid artery with a stenosis	131	FEA	633
cement	461	fibers	259
cervical spine	633	fibrin	669
cesium	227	finite element analysis (FEA)	1
CF-LVAD	451	finite element model analysis	171
		fixation	197
		Flory-Rehner equation	437
		flow	405

fluoridated hydroxyapatite	287	myocardial stress and strain	507
foams	647		
fracture fixation	389	nanofluids	15
fracture risk indicator	1	nanoparticle	475
fracture strength	461	necrosis	39
fragility	405	new approach	119
FT-IR	63	nHAC/PLLA	495
gelatin	149, 327, 669	NIDUS	613
glutaraldehyde	589	nonlinear viscoelastic model	603
heart rate variability	275	numerical analysis	119
hemocompatibility	353	orthodontic brackets	365
hemodynamics	613	orthodontic wires	539
hemolysis	405	orthodontics	375
hemostasis	149	orthopaedic	39, 101
hemostypticum	353	orthopaedic biomechanics	49
Hildebrand's solubility parameter theory	437	orthopedics	461
hip fracture	1	osteogenesis	551
human bone	305	osteoporosis	475
hyaluronic acid	589	P17-BMP-2	495
hydrogel	589	part by part simulation	119
hydroxyapatite	227	peripheral nerve regeneration	75
imaging	315	phasic CF-LVAD support	451
implant	551	physiological pulsation	131
in vivo	375	physisorption	657
in vivo fluorescence microscopy	237	plasma electrolytic oxidation	551
inflammation	577	plasma nitriding	461
interface	461	platelets	353
interfragmentary movement	389	plugs	589
intravascular ultrasound	183	polyacrylic acid	657
iontophoresis	475	polyaspartic acid	589
irrigation	101	polystyrene sodium sulfonate	657
joint auscultation	111	polyurethane	149
joint sound	111	polyvinyl alcohol	327
<i>k</i> nearest-neighbour	275	porous arteries	15
Lachman test	111	porous polyethylene	237
laminar-turbulent-relaminarization regimes	119	positive electric pulse	211
lipocalin-2 (LCN2)	577	<i>Pseudomonas aeruginosa</i>	211
locally modified homogenous model	15	pullout strength	171
magnesium	287	pullout test	171
magnesium alloys	251	pulsatility	451
magnetohydrodynamic	15	Quantitative Computed Tomography (QCT)	1
mandibular defects	495	radioactive substance	227
mechanical characteristics	603	range of motion	633
mechanical heterogeneity	603	RBC	405
mechanical properties	485	remote photoplethysmography	527
Medpor	237	retrieval	183
mesenchymal stem cells	561	RMSSD	275
mineralized collagen composite	495	rod deformation	49
miniscrew	375	S53P4	425
modeling	613	scaffold	87, 327, 413
mouthwashes	539	scoliosis	49
		SDNN	275
		SEM	63

shear	405	TiO ₂ nanotube arrays	375
shoulder movement	29	tissue engineering	237, 327, 561
sideways fall	1	tissue fusion	669
silica	647	tissue glue	425
silicones	437	titanium	461, 485
silk fibroin	413	titanium alloy Ti–6Al–4V	551
single-stance	1	toothbrushing	365
skin	669	total disc replacement	633
spectroscopy	647	transdermal administration	475
stability	389	transient signals	613
stainless steel	341	transverse and oblique bone fractures	197
static loading	389		
stenosis	119	ultrasonic drilling	101
STFT spectrogram	29		
straight and helical plates	197	varying speed	451
stress relaxation	603	vasomotor activity	527
strontium	227	ventilation	315
sudden cardiac arrest	275	ventricular mechanics	507
support vector machine	275	vertical femoral neck fracture	389
surface morphology	413	viscoelastic properties	149
surface myoelectric signal	29		
surgical instrument	341	water sorption	425
suture anchor	171	webcam	527
swelling of polymers in liquids	437		
TEM	211	XPS	63
therapeutic efficacy	475		
thermocouple	39	zeolite	227
third-grade non-Newtonian fluid	15	zirconia	647