**实验室发表论文列表**

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| --- | --- | --- | --- | --- | --- |
| **序号** | **论文名称** | **刊物名称** | **年、卷、期、页或专利号** | **SCI/EI/国内期刊** | **论文作者** |
|  | Enhancing the Bioactivity of Yttria-Stabilized Tetragonal Zirconia Ceramics via Grain-Boundary Activation | ACS APPLIED MATERIALS & INTERFACES | 2017,9 | SCI | Ke, Jinhuan;He, Fupo; **Ye, Jiandong** |
|  | Fabrication and characterization of honeycomb beta-tricalcium phosphate scaffolds through an extrusion technique | CERAMICS INTERNATIONAL | 2017,43 | SCI | Feng, Shenglei;He, Fupo； **Ye, Jiandong** |
|  | A tracheal scaffold of gelatin-chondroitin sulfate-hyaluronan-polyvinyl alcohol with orientated porous structure | CARBOHYDRATE POLYMERS | 2017,159 | SCI | Yu, Xueping; Qian, Guowen; Chen, Si; Xu, Dong; Zhao, Xiujuan; **Du, Chang** |
|  | Osteogenic and tenogenic induction of hBMSCs by an integrated nanofibrous scaffold with chemical and structural mimicry of the bone-ligament connection | JOURNAL OF MATERIALS CHEMISTRY B | 2017,5 | SCI | Lin, Zifeng; Zhao, Xiujuan; Chen, Si; **Du, Chang** |
|  | Cationic Polyarginine Conjugated Mesoporous Bioactive Glass Nanoparticles with Polyglycerol Coating for Efficient DNA Delivery | JOURNAL OF BIOMEDICAL NANOTECHNOLOGY | 2017,13 | SCI | Li, Xian; Liang, Qiming; **Ye, Jiandong**; Zhang, Qing; Gao, Wendong; **Chen, Xiaofeng** |
|  | Investigation of Radial Mesoporous Bioactive Glass Particles as Drug Carriers for Inhibition of Tumor Cells | SCIENCE OF ADVANCED MATERIALS | 2017, 9 | SCI | Li, Xian; Miao, Guohou; **Chen, Xiaofeng;** Yuan, Guang; Liu, Hui; Mao, Cong; Shen, Xiongjun; **Ning, Chengyun** |
|  | Characterization of the mechanical behaviors and bioactivity of tetrapod ZnO whiskers reinforced bioactive glass/gelatin composite scaffolds | JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS | 2017,68 | SCI | Guo, Weihuang; Zhao, Fujian; Wang, Yudong; Tang, Jieyin; **Chen, Xiaofeng** |
|  | Synthesis of magnesium-doped calcium carbonate microcapsules through yeast-regulated mineralization | Materials Letters | 2017,193 | SCI | Li, Tianjie; Hao, Lijing; **Du, Chang; Wang, Yingjun;** |
|  | Preparation, characterization and: In vitro cell performance of anti-washout calcium phosphate cement modified by sodium polyacrylate | RSC Advances | 2017,7(52) | EI  | Li, Xingmei; He, Fupo; **Ye, Jiandong** |
|  | One-shot method for purification of multiple natural amelogenin isoforms | Journal of Materials Science and Technology | 2017 | EI | Wang, Chunbao; Zhang, Jing; Yang, Fan; **Du, Chang** |
|  | Copper-catalyzed click reaction on/in live cells | CHEMICAL SCIENCE | 2017,8 | SCI | Li, Siheng; Wang, Lin; Yu, Fei; Zhu, Zhiling; Shobaki, Dema; Chen, Haoqing; Wang, Mu; Wang, Jun; Qin, Guoting; Erasquin, Uriel J.; Cai, Chengzhi; **Wang, Lin; Ren, Li; Wang, Yingjun** |
|  | A Mussel-Inspired Conductive, Self-Adhesive, and Self-Healable Tough Hydrogel as Cell Stimulators and Implantable Bioelectronics | SMALL | 2017,13 | SCI | Han, Lu; Lu, Xiong; Wang, Menghao; Gan, Donglin; Deng, Weili; Liu, Kezhi；Lu, Xiong; Wang, Kefeng；**Fang, Liming；**Chan, Chun Wai；Tang, Youhong；Weng, Lu-Tao，Yuan, Huipin |
|  | Hierarchical and reversible assembly of graphene oxide/polyvinyl alcohol hybrid stabilized Pickering emulsions and their templating for macroporous composite hydrogels | CARBON | 2017,111 | SCI | Chen, Yunhua; Wang, Yilin; **Shi, Xuetao**; Jin, Min; Cheng, Wenhua; **Ren, Li; Wang, Yingjun** |
|  | Fabrication of Anion-Exchange Polymer Layered Graphene-Melamine Electrodes for Membrane Capacitive Deionization | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | 2017,5 | SCI | Gu, Xiaoyu; **Wang, Chaoyang**；Deng, Yonghong |
|  | Graphene oxide/PVA inorganic/organic interpenetrating hydrogels with excellent mechanical properties and biocompatibility | CARBON | 2017,111 | SCI | Chen, Jiongrun; **Shi, Xuetao; Ren, Li; Wang, Yingjun** |
|  | TNF-alpha inhibits the migration of oral squamous cancer cells mediated by miR-765-EMP3-p66Shc axis | CELLULAR SIGNALLING | 2017,34 | SCI | Zheng, Zhichao; Zha, Jun; Li, Zhengmao; Wu, Lihong; Yan, Yongyong; Wang, Haiyan; Hou, Dan; Huang, Liwen; Huang, Feng; Ge, Linhu; Guan, Hongbing；Luan, Xiuwen；**Zheng, Huade** |
|  | Polyurethane conjugating TGF-beta on surface impacts local inflammation and endoplasmic reticulum stress in skeletal muscle | JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A | 2017,105 | SCI | Shi, Dandan; Xiao, Jiangwei; Gu, Ruicai; Liao, Hua；**Wu, Gang** |
|  | Surface modification of melamine sponges for pH-responsive oil absorption and desorption | APPLIED SURFACE SCIENCE | 2017,416 | SCI | Lei, Zhiwen; Zhang, Guangzhao; **Wang, Chaoyang** |
|  | Thermoresponsive Melamine Sponges with Switchable Wettability by Interface-Initiated Atom Transfer Radical Polymerization for Oil/Water Separation | ACS APPLIED MATERIALS & INTERFACES | 2017,9 | SCI | Lei, Zhiwen; Zhang, Guangzhao; **Wang, Chaoyang** |
|  | Corrosion behaviour of microarc-oxidised magnesium alloy in Earle's balanced salt solution | SURFACE INNOVATIONS | 2017,5 | SCI | Zhang, Junqing; Zhang, Lei; Wilke, Benjamin M.; Chowdhury, Tonoy；Li, Weiping; **Ning, Chengyun** |
|  | Fabrication of Biocompatible Potassium Sodium Niobate Piezoelectric Ceramic as an Electroactive Implant | MATERIALS | 2017,10 | SCI | Chen, Wei; Pang, Jinshan; Yu, Peng; **Ning, Chengyun**；Yu, Zunxiong；Tan, Guoxin |
|  | Improvement of Uveal and Capsular Biocompatibility of Hydrophobic Acrylic Intraocular Lens by Surface Grafting with 2-Methacryloyloxyethyl Phosphorylcholine-Methacrylic Acid Copolymer | SCIENTIFIC REPORTS | 2017,7 | SCI | Tan, Xuhua; Zhu, Yi; Liu, Zhenzhen; Liu, Yizhi，Zhan, Jiezhao; **Wang, Lin; Liu, Sa; Wang, Yingjun; Ren, Li** |
|  | Preparation, characterization and in vitro cell performance of anti-washout calcium phosphate cement modified by sodium polyacrylate | RSC ADVANCES | 2017,7 | SCI | Li, Xingmei; **Ye, Jiandong**；He, Fupo |
|  | Application of Collagen-beta-Tricalcium Phosphate Complex for Repairing Articular Cartilage Defects | JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING | 2017,7 | SCI | Zha, Guoqing; Li, Xiang; Niu, Xiaofeng; Liao, Weiming；**Wu, Gang** |
|  | Dynamic Supramolecular Hydrogels: Regulating Hydrogel Properties through Self-Complementary Quadruple Hydrogen Bonds and Thermo-Switch | ACS MACRO LETTERS | 2017,6 | SCI | Zhang, Guangzhao; **Wang, Chaoyang**；Chen, Yunhua；Deng, Yonghong；Ngai, To |
|  | Self-Healing Gelatin Hydrogels Cross-Linked by Combining Multiple Hydrogen Bonding and Ionic Coordination | MACROMOLECULAR RAPID COMMUNICATIONS | 2017,38 | SCI | Zhang, Guangzhao; **Wang, Chaoyang**；Lv, Lei; Deng, Yonghong |
|  | Simple fabrication of multi-functional melamine sponges | MATERIALS LETTERS | 2017,190 | SCI | Lei, Zhiwen; Zhang, Guangzhao; Liang, Yuling; **Wang, Chaoyang**；Deng, Yonghong |
|  | One-Pot Fabrication of Poly(epsilon-Caprolactone)-Incorporated Bovine Serum Albumin/Calcium Alginate/Hydroxyapatite Nanocomposite Scaffolds by High Internal Phase Emulsion Templates | MACROMOLECULAR MATERIALS AND ENGINEERING | 2017,302 | SCI | Hu, Yang; Chen, Yanling; Zou, Ruixuan; Zhou, Wuyi; Yang, Zhuohong；Hu, Yang; **Wang, Chaoyang**；Han, Wenfang；Ouyang, Yi |
|  | Preparation and characterization of iron/beta-tricalcium phosphate bio-cermets for load-bearing bone substitutes | CERAMICS INTERNATIONAL | 2017,43 | SCI | He, Fupo; Ren, Weiwei; Cheng, Yanling; Wu, Shanghua; Deng, Xin；Qian, Guowen; Ke, Jinhuan; Fan, Peirong; **Shi, Xuetao; Ye, Jiandong** |
|  | Fabrication of beta-tricalcium phosphate composite ceramic sphere-based scaffolds with hierarchical pore structure for bone regeneration | BIOFABRICATION | 2017,9 | SCI | He, Fupo; Ren, Weiwei; Deng, Xin; Wu, Shanghua；Qian, Guowen; Fan, Peirong; **Shi, Xuetao; Ye, Jiandong** |
|  | The effects of dissociated rods and rod-surfaced microspheres on bone mesenchymal stem cellular viability | RSC ADVANCES | 2017,7 | SCI | Liu, Xiao; Zhao, Naru; Duan, Haibo; Ma, Yijuan; Guo, Xiaoheng; Diao, Jingjing; Shi, Xuetao; Wang, Yingjun；Liu, Xiao; **Zhao, Naru**; Guo, Xiaoheng; Diao, Jingjing; **Shi, Xuetao; Wang, Yingjun** |
|  | Porous Li-containing biphasic calcium phosphate scaffolds fabricated by three-dimensional plotting for bone repair | RSC ADVANCES | 2017,7 | SCI | Guo, Xiaoheng; Liu, Xiao; Diao, Jingjing; Shi, Xuetao; **Zhao, Naru**; Wang, Yingjun；Guo, Xiaoheng; Liu, Xiao; **Shi, Xuetao; Wang, Yingjun** |
|  | Preparation of an antimicrobial surface by direct assembly of antimicrobial peptide with its surface binding activity | JOURNAL OF MATERIALS CHEMISTRY B | 2017,5 | SCI | Chen, Junjian; **Shi, Xuetao; Wang, Yingjun**；Zhu, Yuchen; Zhan, Jiezhao; Zheng, Jian; **Liu, Sa; Ren, Li** |
|  | Incorporation of well-dispersed calcium phosphate nanoparticles into PLGA electrospun nanofibers to enhance the osteogenic induction potential | RSC ADVANCES | 2017,7 | SCI | Wang, Dandan; Xuan, Liuyang; Zhong, Huixiang; Gong, Yihong; Li, Yan; Jiang, Qing；**Shi, Xuetao**；Ye, Feng |
|  | Effects for rapid conversion from abalone shell to hydroxyapaptite nanosheets by ionic surfactants | MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS | 2017,77 | SCI | Zhong, Shengnan; Wen, Zhenliang; Chen, Jingdi; Li, Qian; Zhang, Qiqing；**Shi, Xuetao**；Ding, Shinnjyh |
|  | Assembly synthesis of spherical hydroxyapatite with hierarchical structure | MATERIALS LETTERS | 2017,194 | SCI | Zhong, Shengnan; Chen, Jingdi; Li, Qian; Wang, Zihao; Zhang, Qiqing；**Shi, Xuetao**；Lin, Kaili |
|  | Designing biocompatible Ti-based amorphous thin films with no toxic element | JOURNAL OF ALLOYS AND COMPOUNDS | 2017,707 | SCI | Zhao, Delin; Yao, Kefu; Chen, Na；Chen, Chunlin; Wang, Zhongchang；**Shi, Xuetao**；Hahn, Horst; Gleiter, Herbert |
|  | Symmetrically Substituted Xanthone Amphiphiles Combat Gram-Positive Bacterial Resistance with Enhanced Membrane Selectivity | JOURNAL OF MEDICINAL CHEMISTRY | 2017,60 | SCI | Lin, Shuimu; **Wang, Lin; Wang, Yingjun; Ren, Li**；Koh, Jun-Jie; Thet Tun Aung; Lim, Fanghui; Li, Jianguo; Zou, Hanxun; Lakshminarayanan, Rajamani; Verma, Chandra; Tan, Donald T. H.; Beuerman, Roger W.; Liu, Shouping； |
|  | Semisynthetic Flavone-Derived Antimicrobials with Therapeutic Potential against Methicillin-Resistant Staphylococcus aureus (MRSA) | JOURNAL OF MEDICINAL CHEMISTRY | 2017,60 | SCI | Lin, Shuimu; **Wang, Lin; Ren, Li**；Koh, Jun-Jie; Aung, Thet Tun; Sin, Wan Ling Wendy; Lim, Fanghui; Lakshminarayanan, Rajamani; Zhou, Lei; Tan, Donald T. H.; Beuerman, Roger W.; Liu, Shouping |
|  | Bitter-Sweet Polymeric Micelles Formed by Block Copolymers from Glucosamine and Cholic Acid | BIOMACROMOLECULES | 2017,18 | SCI | Zhang, Kun; Jia, Yong-Guang; Tsai, I-Huang; Strandman, Satu; Zhu, X. X.，**Ren, Li**; Hong, Liangzhi; Zhang, Guangzhao；Guan, Ying; Zhang, Yongjun |
|  | Spatial charge manipulated set-selective apatite deposition on micropatterned piezoceramic | RSC ADVANCES | 2017,7 | SCI | Zhai, Jinxia; Chen, Junqi; **Shi, Zhifeng**; Yu, Peng; **Ning, Chengyun**；Wang, Qiyou；Zeng, Jinquan；Yi, Xin；Tan, Guoxin |
|  | Electrically Reversible Redox-Switchable Polydopamine Films for Regulating Cell Behavior | ELECTROCHIMICA ACTA | 2017,228 | SCI | Tan, Guoxin; Liu, Yan; Ouyang, Kongyou；Wu, Yuxuan；Zhou, Lei; Yu, Peng; **Ning, Chengyun**；Liao, Jinwen |
|  | A Dual-Bonded Approach for Improving Hydrogel Implant Stability in Cartilage Defects | MATERIALS | 2017,10 | SCI | Liu, Yan; Dai, Cong; Tan, Guoxin；Wu, Yuxuan；Zhou, Lei; Wang, Zhengao; **Ning, Chengyun** |
|  | Bone-Inspired Spatially Specific Piezoelectricity Induces Bone Regeneration | THERANOSTICS | 2017,7 | SCI | Yu, Peng; **Ning, Chengyun**; Yi, Xin；Zhang, Yu; Lin, Zefeng; Liu, Shaoxiang; Wang, Xiaolan; Yang, Haoqi; Li, Kang；Tan, Guoxin；Zhu, Ye; Mao, Chuanbin |
|  | Directing Stem Cell Differentiation via Electrochemical Reversible Switching between Nanotubes and Nanotips of Polypyrrole Array | ACS NANO | 2017,11 | SCI | Wei, Yan; Mo, Xiaoju; Deng, Xuliang；Zhang, Pengchao; Li, Yingying; Wang, Shutao; Jiang, Lei；Liao, Jingwen; **Ning, Chengyun**；Li, Yongjun; Zhang, Jinxing |
|  | Effect of mechanical activation on solid-state synthesis process of neodymium disilicate ceramic pigment | DYES AND PIGMENTS | 2017,145 | SCI | Ke, Shanjun; Pan, Zhidong; Wang, Yanmin; **Ning, Chengyun**；Zheng, Shulong; Huang, Jianqi |
|  | Thermoresponsive Self-Assembled beta-Cyclodextrin-Modified Surface for Blood Purification | ACS BIOMATERIALS SCIENCE & ENGINEERING | 2017,3 | SCI | **Liu, Sa**; Chen, Junjian; Zhu, Yuchen; **Wang, Yingjun; Ren, Li**；Zhong, Chunting; Zhan, Jiezhao; He, Jingcai; **Wang, Lin** |
|  | To prepare the collagen-based artificial cornea with improved mechanical and biological property by ultraviolet-A/riboflavin crosslinking | JOURNAL OF APPLIED POLYMER SCIENCE | 2017,134 | SCI | Zhao, Xuan; Long, Kai; Liu, Yang; Li, Weichang; **Liu, Sa; Wang, Lin; Ren, Li** |
|  | A novel antibacterial cellulose based biomaterial for hernia mesh applications | RSC ADVANCES | 2017,7 | SCI | **Liu, Sa**; Chu, Minglei; Zhu, Yongjun; Li, Lifeng; **Wang, Lin; Ren, Li** |
|  | Collagen membranes crosslinked by beta-cyclodextrin polyrotaxane monoaldehyde with good biocompatibilities and repair capabilities for cornea repair | RSC ADVANCES | 2017,7 | SCI | Zhao, Xuan; **Song, Wenjing**; Li, Weichang; **Liu, Sa; Wang, Lin; Ren, Li** |
|  | Glucosamine-modified polyethylene glycol hydrogel-mediated chondrogenic differentiation of human mesenchymal stem cells | MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS | 2017,79 | SCI | Yao, Hang; Xue, Jingchen; Wang, Qunfang; Xie, Renjian; Li, Weichang; **Liu, Sa; Ren, Li**；Cai, Jinglei; Qin, Dajiang；Wang, Dong-An |
|  | High internal phase emulsions stabilised by supramolecular cellulose nanocrystals and their application as cell-adhesive macroporous hydrogel monoliths | JOURNAL OF MATERIALS CHEMISTRY B | 2017,5 | SCI | **Liu, Sa**; Jin, Min; Chen, Yunhua; Cheng, Wenhua; **Ren, Li**；Gao, Huichang; **Shi, Xuetao; Wang, Yingjun** |
|  | Conversion Discriminative Analysis on Mild Cognitive Impairment Using Multiple Cortical Features from MR Images | FRONTIERS IN AGING NEUROSCIENCE | 2017,9 | SCI | **Guo, Shengwen**; Lai, Chunren; Wu, Congling；Cen, Guiyin |
|  | Tough, self-healable and tissue-adhesive hydrogel with tunable multifunctionality | NPG ASIA MATERIALS | 2017,9 | SCI | Han, Lu; Yan, Liwei; Xu, Jielong; Weng, Jie; Lu, Xiong；Wang, Kefeng; **Fang, Liming**；Zhang, Hongping；Tang, Youhong；Ding, Yonghui；Weng, Lu-Tao；Liu, Yujie；Ren, Fuzeng  |
|  | Synthesis of magnesium-doped calcium carbonate microcapsules through yeast-regulated mineralization | MATERIALS LETTERS | 2017,193 | SCI | Li, Tianjie; Hao, Lijing; **Du, Chang; Wang, Yingjun** |
|  | The correlation between osteopontin adsorption and cell adhesion to mixed self-assembled monolayers of varying charges and wettability | BIOMATERIALS SCIENCE | 2017,5 | SCI | Hao, Lijing; Li, Tianjie; Yang, Fan; **Zhao, Naru; Shi, Xuetao; Du, Chang; Wang, Yingjun**；Cui, Fuzhai |
|  | Facile synthesis of hollow mesoporous bioactive glasses with tunable shell thickness and good monodispersity by micro-emulsion method | MATERIALS LETTERS | 2017,189 | SCI | Wang, Yudong; **Chen, Xiaofeng** |
|  | Facile synthesis and in vitro bioactivity of radial mesoporous bioactive glasses | MATERIALS LETTERS | 2017,206 | SCI | **Chen, Xiaofeng** |
|  | A novel nano-sized bioactive glass stimulates osteogenesis via the MAPK pathway | RSC ADVANCES | 2017,7 | SCI | Gong, Weiyu; Dong, Yanmei; Wang, Sainan; Gao, Xuejun；**Chen, Xiaofeng** |
|  | Mineralization of a superficially porous microsphere scaffold via plasma modification | RSC ADVANCES | 2017,7 | SCI | Hou, Jie; Zhang, Fen; **Shi, Xuetao; Cao, Xiaodong**；Cheng, Delin |
|  | High strength, biocompatible hydrogels with designable shapes and special hollow-formed character using chitosan and gelatin | CARBOHYDRATE POLYMERS | 2017,168 | SCI | Wu, Shuiping; **Dong, Hua**; Li, Qingtao; Wang, Gang; **Cao, Xiaodong** |
|  | Patterning Electrospun Nanofibers via Agarose Hydrogel Stamps to Spatially Coordinate Cell Orientation in Microfluidic Device | SMALL | 2017,13 | SCI | Hu, Tao; **Dong, Hua**; Xiao, Wenwu; Li, Ling; **Cao, Xiaodong** |
|  | Reversible Programing of Soft Matter with Reconfigurable Mechanical Properties | ADVANCED FUNCTIONAL MATERIALS | 2017,27 | SCI | He, Huimin; **Cao, Xiaodong; Dong, Hua**; Ma, Ting；Payne, Gregory F. |
|  | Customized a Ti6Al4V Bone Plate for Complex Pelvic Fracture by Selective Laser Melting | MATERIALS | 2017,10 | SCI | **Wang, Di**; Wang, Yimeng; Wu, Shibiao; Lin, Hui; **Yang, Yongqiang**; Song, Changhui；Fan, Shicai; Gu, Cheng；Wang, Jianhua |
|  | The design and manufacturing of a titanium alloy beak for Grus japonensis using additive manufacturing | MATERIALS & DESIGN | 2017,117 | SCI | Song, Changhui; Wang, Anming; **Yang, Yongqiang; Wang, Di**；Wu, Zijun；Chen, Ziyu |
|  | Modeling and Manufacturing Technology for Personalized Biological Fixed Implants | JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING | 2017,37 | SCI | Zhang Guoqing; **Yang Yongqiang**; Lin Hui; Xiao Ran；Song Changhui; Yu Jiakuo |
|  | Study on the Quality and Performance of CoCrMo Alloy Parts Manufactured by Selective Laser Melting | JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE | 2017,26 | SCI | Zhang Guoqing；**Yang Yongqiang**; Lin Hui; Song Changhui; Zhang Zimian |
|  | Study on the influence of process parameters on the clearance feature in non-assembly mechanism manufactured by selective laser melting | JOURNAL OF MANUFACTURING PROCESSES | 2017,27 | SCI | Liu, Yang; Li, Jinbang; Chen, Jianbin；Zhang, Jian；**Yang, Yongqiang** |
|  | Investigation into the shrinkage in Z-direction of components manufactured by selective laser melting (SLM) | INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY | 2017,90 | SCI | Liu, Yang；**Yang, Yongqiang; Wang, Di** |
|  | Mechanisms and characteristics of spatter generation in SLM processing and its effect on the properties | MATERIALS & DESIGN | 2017,117 | SCI | **Wang, Di**; Wu, Shibiao; Fu, Fan; Mai, Shuzhen; **Yang, Yongqiang**; Song, Changhui；Liu, Yang |
|  | Characteristics of typical geometrical features shaped by selective laser melting | JOURNAL OF LASER APPLICATIONS | 2017,29 | SCI | **Wang, Di**; Wu, Shibiao; Bai, Yuchao; Lin, Hui; **Yang, Yongqiang**; Song, Changhui |
|  | Conversion Discriminative Analysis on Mild Cognitive Impairment Using Multiple Cortical Features from MR Images (vol 9, pg 146, 2017) | FRONTIERS IN AGING NEUROSCIENCE | 2017,9 | SCI | **Guo, Shengwen**; Lai, Chunren; Wu, Congling；Cen, Guiyin |
|  | A hydrogel actuator with flexible folding deformation and shape programming via using sodium carboxymethyl cellulose and acrylic acid | CARBOHYDRATE POLYMERS | 2017,173 | SCI | Wu, Shuiping; **Dong, Hua; Cao, Xiaodong**；Yu, Feng |
|  | Facile synthesis of mesoporous bioactive glass nanospheres with large mesopore via biphase delamination method | MATERIALS LETTERS | 2017,209 | SCI | Tang, Jieyin; **Chen, Xiaofeng**; **Fu, Xiaoling**；Dong, Yanmei；Hu, Qing |
|  | Crystal structure analysis of selenium-doped hydroxyapatite samples and their thermal stability | CERAMICS INTERNATIONAL | 2017,43 | SCI | Wei, Luxi; Pang, Dongwen; He, Liyong; **Deng, Chunlin** |
|  | Discriminant Analysis of Multiple Cortical Changes in Mild Cognitive Impairment | EIGHTH INTERNATIONAL CONFERENCE ON GRAPHIC AND IMAGE PROCESSING (ICGIP 2016) | 2017,10225 | SCI | Wu, Congling; **Guo, Shengwen**; Lai, Chunren; Wu, Yupeng; Zhao, Di; Jiang, Xingjun; Alzheimer's Dis Neuroimaging |
|  | Evaluation of Feature Selection Algorithms for Classification in Temporal Lobe Epilepsy Based on MR Images | EIGHTH INTERNATIONAL CONFERENCE ON GRAPHIC AND IMAGE PROCESSING (ICGIP 2016) | 2017,10225 | SCI | Lai, Chunren; **Guo, Shengwen; Wu, Kai**；Cheng, Lina; Wang, Wensheng |
|  | A novel glucosamine derivative with low cytotoxicity enhances chondrogenic differentiation of ATDC5 | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE | 2017,28 | SCI | Yao, Hang; Xue, Jingchen; Xie, Renjian; **Liu, Sa; Wang, Yingjun; Song, Wenjing; Ren, Li**；Wang, Dong-An |
|  | Transportation and release of Janus micromotors by two-stage rocket hydrogel | JOURNAL OF MATERIALS CHEMISTRY A | 2017,5 | SCI | Liang, Yuling; Wang, Hui; Yao, Dahua; **Wang, Chaoyang**；Chen, Yunhua；Deng, Yonghong |
|  | Fabrication of Hierarchical Macroporous Biocompatible Scaffolds by Combining Pickering High Internal Phase Emulsion Templates with Three-Dimensional Printing | ACS APPLIED MATERIALS & INTERFACES | 2017,9 | SCI | Yang, Ting; **Wang, Chaoyang**；Hu, Yang；Binks, Bernard P. |
|  | Graphene/cyclodextrin-based nanocomposite hydrogel with enhanced strength and thermo-responsive ability | CARBOHYDRATE POLYMERS | 2017,174 | SCI | Zhu, Pang; **Wang, Chaoyang**；Deng, Yonghong |
|  | Assembling of electrospun meshes into three-dimensional porous scaffolds for bone repair | BIOFABRICATION | 2017,9 | SCI | Song, Juqing; Zhu, Guanglin; **Wang, Yingjun**；**Shi, Xuetao**；An, Geng |
|  | Heart rate variability in patients with major depression disorder during a clinical autonomic test | PSYCHIATRY RESEARCH | 2017,256 | SCI | Chen, Xiuwen; **Yang, Rongqian**; Kuang, Danni；Zhang, Lei; Lv, Ruixue；Huang, Xiong; Wu, Fengchun; Lao, Guohui |
|  | Depression recognition according to heart rate variability using Bayesian Networks | JOURNAL OF PSYCHIATRIC RESEARCH | 2017,95 | SCI | Kuang, Danni; **Yang, Rongqian**; Chen, Xiuwen；Lv, Ruixue; Zhang, Lei; Song, Chuanxu；Lao, Guohui; Wu, Fengchun; Huang, Xiong；Ou, Shanxing |
|  | Heart rate variability analysis during hypnosis using wavelet transformation | BIOMEDICAL SIGNAL PROCESSING AND CONTROL | 2017,31 | SCI | Chen, Xiuwen; **Yang, Rongqian**；Ge, Lulu；Zhang, Lei; Lv, Ruixue |
|  | Hypnosis in the Treatment of Major Depression: An Analysis of Heart Rate Variability | INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL HYPNOSIS | 2017,65 | SCI | Chen, Xiuwen; **Yang, Rongqian**；Ge, Lulu；Luo, Jie；Lv, Ruixue |
|  | A framework combining window width-level adjustment and Gaussian filter-based multi-resolution for automatic whole heart segmentation | NEUROCOMPUTING | 2017,220 | SCI | Cai, Ken；**Yang, Rongqian**; Li, Lihua; Zhou, Jing；Chen, Huazhou；Ou, Shanxing；Liu, Feng |
|  | Dynamic updating atlas for heart segmentation with a nonlinear field-based model | INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY | 2017,13 | SCI | Cai, Ken；**Yang, Rongqian**; Li, Lihua；Yue, Hongwei；Ou, Shanxing；Liu, Feng |
|  | Nonrigid registration with corresponding points constraint for automatic segmentation of cardiac DSCT images | BIOMEDICAL ENGINEERING ONLINE | 2017,16 | SCI | Lu, Xuesong; Xie, Qinlan；**Yang, Rongqian**；Ou, Shanxing；Zha, Yunfei；Wang, Defeng |
|  | Influence mechanism of parameters process and mechanical properties evolution mechanism of maraging steel 300 by selective laser melting | MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING | 2017,703 | SCI | Bai, Yuchao; **Yang, Yongqiang; Wang, Di**; Zhang, Mingkang |
|  | Palladium nanoparticles entrapped in a self-supporting nanoporous gold wire as sensitive dopamine biosensor | SCIENTIFIC REPORTS | 2017,7 | SCI | Yi, Xin；Yu, Peng; Zhou, Lei; Zhou, Zhengnan; Chen, Junqi; Wang, Zhengao; Pang, Jinshan; **Ning, Chengyun**；Tan, Guoxin；Wu, Yuxuan |
|  | Numerical analysis of impact failure of automotive laminated glass: A review | COMPOSITES PART B-ENGINEERING | 2017,122 | SCI | Chen, Shunhua; Zang, Mengyan; **Wang, Di**；Yoshimura, Shinobu；Yamada, Tomonori |
|  | Effect of energy input on the UHMWPE fabricating process by selective laser sintering | RAPID PROTOTYPING JOURNAL | 2017,23 | SCI | Song, Changhui; **Yang, Yongqiang**; Xiao, Zefeng；Huang, Aibing; Yu, Jia-kuo |
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|  | Regulation of migratory activity of human keratinocytes by topography of multiscale collagen-containing nanofibrous matrices | BIOMATERIALS | 2014 | SCI | **Fu, Xiaoling**; Xu, Meng; Wang, Hongjun；Liu, Jie; Qi, Yanmei; Li, Shaohua |
|  | Taurine- Induced Fabrication of NanoArchitectured Conducting Polypyrrole on Biomedical Titanium | MACROMOLECULAR RAPID COMMUNICATIONS | 2014 | SCI | Liao, Jingwen; **Ning, Chengyun**; Zhou, Zhengnan; Chen, Junqi；Pan, Haobo；Tan, Guoxin；Huang, Shishu |
|  | Synthesis of Hydroxyapatite Microspheres by Hydro-thermal Method under the Control of Sodium Citrate | JOURNAL OF INORGANIC MATERIALS | 2014 | SCI | Ma Yi-Juan; Hao Li-Jing; Du Shao-Long; **Zhao Na-Ru** |
|  | Ti nanorod arrays with periodic density fabricated via anodic technology | MICRO & NANO LETTERS | 2014 | SCI | Zhong, Meiling; Liao, Jingwen; Yu, Peng; Yu, Zunxiong; **Ning, Chengyun**；Tan, Guoxin；Zhang, Yu; Lin, Xi |
|  | Investigation of mechanical behavior of CPC/bone specimens by finite element analysis | CERAMICS INTERNATIONAL | 2014 | SCI | Yu, Tao; Liu, Xuan; Zhang, Ming；**Ye, Jiandong** |
|  | Modification of Polyurethane by "Click" Chemistry | CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE | 2014 | SCI | Chen Long; **Wu Gang**; Huang Chao; Wang Jiahui |
|  | Conducting Polypyrrole Nanotube Arrays as an Implant Surface: Fabricated on Biomedical Titanium with Fine-Tunability by Means of Template-Free Electrochemical Polymerization | CHEMPLUSCHEM | 2014 | SCI | Liao, Jingwen; **Ning, Chengyun**；Pan, Haobo；Tan, Guoxin；Ni, Guoxin |
|  | OTS Self-Assembled Monolayer on Functionalization Glass and Patterning on Titanium Surface | RARE METAL MATERIALS AND ENGINEERING | 2014 | SCI | Tan Guoxin; Zhou Lei; Zhang Lin; Tan Ying; Zhang Zhiyue；**Ning Chengyun** |
|  | Odontogenic differentiation and dentin formation of dental pulp cells under nanobioactive glass induction | ACTA BIOMATERIALIA | 2014 | SCI | Wang, Sainan; Gao, Xuejun; Gong, Weiyu; Zhang, Zhichun; Dong, Yanmei；**Chen, Xiaofeng** |
|  | Local co-delivery and release of antimicrobial peptide and RGD using porous TiO2 | RSC ADVANCES | 2014 | SCI | Chen, Junjian; Wang, Lin; Shi, Lin**; Ren, Li; Wang, Yingjun** |
|  | Engineering PLGA doped PCL microspheres with a layered architecture and an island-sea topography | RSC ADVANCES | 2014 | SCI | Cheng, Delin; **Cao, Xiaodong;** Gao, Huichang; Ye, Xiaoling; Li, Wenxiu; **Wang, Yingjun** |
|  | One-step synthesis of porous graphene-based hydrogels containing oil droplets for drug delivery | RSC ADVANCES | 2014 | SCI | Gu, Xiaoyu; Ning, Yin; Yang, Yu; **Wang, Chaoyang** |
|  | Nitrogen-doped graphene composites as efficient electrodes with enhanced capacitive deionization performance | RSC ADVANCES | 2014 | SCI | Gu, Xiaoyu; Yang, Yu; Hu, Yang; Hu, Meng; Huang, Jian; **Wang, Chaoyang** |
|  | One-pot synthesis of photoluminescent carbon nanodots by carbonization of cyclodextrin and their application in Ag+ detection | RSC ADVANCES | 2014 | SCI | Hu, Meng; Yang, Yu; Gu, Xiaoyu; Hu, Yang; Huang, Jian; **Wang, Chaoyang** |
|  | Size control and biological properties of monodispersed mesoporous bioactive glass submicron spheres | RSC ADVANCES | 2014 | SCI | Hu, Qing; Li, Yuli; Miao, Guohou; **Zhao, Naru; Chen, Xiaofeng** |
|  | Sustainable carbon quantum dots from forestry and agricultural biomass with amplified photoluminescence by simple NH4OH passivation | JOURNAL OF MATERIALS CHEMISTRY C | 2014 | SCI | Liang, Zicheng; Zeng, Lei; **Cao, Xiaodong**; Wang, Xiaohui; Sun, Runcang；Wang, Qun |
|  | Tuning nano-architectures and improving bioactivity of conducting polypyrrole coating on bone implants by incorporating bone-borne small molecules | JOURNAL OF MATERIALS CHEMISTRY B | 2014 | SCI | Liao, Jingwen; **Ning, Chengyun**；Zhu, Ye; Mao, Chuanbin；Yin, Zhaoyi；Tan, Guoxin |
|  | Chitosan scaffolds for recyclable adsorption of Cu(II) ions | RSC ADVANCES | 2014 | SCI | Liu, Hao; **Wang, Chaoyang** |
|  | Facile fabrication of nanocomposite microcapsules by combining layer-by-layer self-assembly and Pickering emulsion templating | RSC ADVANCES | 2014 | SCI | Liu, Hao; Gu, Xiaoyu; Hu, Meng; Hu, Yang; **Wang, Chaoyang** |
|  | Fabrication of degradable polymer microspheres via pH-responsive chitosan-based Pickering emulsion photopolymerization | RSC ADVANCES | 2014 | SCI | Liu, Hao; Wei, Zengjiang; Hu, Meng; Tong, Zhen; **Wang, Chaoyang** |
|  | Effects of hydroxyapatite microparticle morphology on bone mesenchymal stem cell behavior | JOURNAL OF MATERIALS CHEMISTRY B | 2014 | SCI | Yang, Hui; Hao, Lijing; **Zhao, Naru; Du, Chang; Wang, Yingjun** |
|  | Renewable Lignin-Based Xerogels with Self-Cleaning Properties and Superhydrophobicity | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | 2014 | SCI | Yang, Yu; Tong, Zhen; **Wang, Chaoyang**；Deng, Yonghong |
|  | Synthesis and Characterization of a Novel Silver-Substituted Calcium Phosphate Cement | JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY | 2014 | SCI | Yu, Tao; Gao, Chengying; **Ye, Jiandong**；Zhang, Ming |
|  | Nanoindentation creep behavior of enamel biological nanocomposites | RSC ADVANCES | 2014 | SCI | Zhang, Jing; Wang, Chunbao; Yang, Fan; **Du, Chang** |
|  | Macroporous antibacterial hydrogels with tunable pore structures fabricated by using Pickering high internal phase emulsions as templates | POLYMER CHEMISTRY | 2014 | SCI | Zou, Shengwen; Wei, Zengjiang; Hu, Yang; Tong, Zhen; **Wang, Chaoyang** |
|  | beta-Cyclodextrin polyrotaxane monoaldehyde: a novel bio-crosslinker with high biocompatibility | RSC ADVANCES | 2014 | SCI | **Liu, Sa**; Cai, Jie; **Ren, Li**; Wang, Lin; **Wang, Yingjun** |
|  | The promotion of antimicrobial activity on silicon substrates using a "click" immobilized short peptide | CHEMICAL COMMUNICATIONS | 2014 | SCI | **Wang, Lin**; Chen, Junjian; Shi, Lin; Shi, Zhifeng; **Wang, Yingjun** |
|  | Comparing Microspheres with Different Internal Phase of Polyelectrolyte as Local Drug Delivery System for Bone Tuberculosis Therapy | BIOMED RESEARCH INTERNATIONAL | 2014 | SCI | **Wu, Gang**; Chen, Long; Deng, Chun-Ling; **Chen, Xiao-Feng**；Li, Hong |
|  | Hyaluronic acid as an internal phase additive to obtain ofloxacin/PLGA microsphere by double emulsion method | BIO-MEDICAL MATERIALS AND ENGINEERING | 2014 | SCI | **Wu, Gang**; Chen, Long; **Wang, Ying-jun** |
|  | Evaluation of Insulin Medium or Chondrogenic Medium on Proliferation and Chondrogenesis of ATDC5 Cells | BIOMED RESEARCH INTERNATIONAL | 2014 | SCI | Yao, Yongchang; Zhai, Zhichen; **Wang, Yingjun** |
|  | PHBV/PAM Scaffolds with Local Oriented Structure through UV Polymerization for Tissue Engineering | BIOMED RESEARCH INTERNATIONAL | 2014 | SCI | Ke, Yu；**Wu, Gang；Wang, Yingjun** |
|  | Thermal and in vitro degradation properties of the NH2-containing PHBV films | POLYMER DEGRADATION AND STABILITY | 2014 | SCI | Ke, Yu; Qu, Zhengxiang；**Wu, Gang；Wang, Yingjun** |
|  | Hybrid hydrogel sheets that undergo pre-programmed shape transformations | SOFT MATTER | 2014 | SCI | Wei, Zengjiang; Nie, Zhihong；**Wang, Chaoyang**；Jia, Zheng; Li, Teng；Athas, Jasmin; Raghavan, Srinivasa R. |
|  | Biomimetic mineralization of anionic gelatin hydrogels: effect of degree of methacrylation | RSC ADVANCES | 2014 | SCI | Zhou, Lei; Tan, Guoxin; Tan, Ying; Wang, Hang；Liao, Jingwen; **Ning, Chengyun** |
|  | In vitro effects of differentially shaped hydroxyapatite microparticles on RAW264.7 cell responses | RSC ADVANCES | 2014 | SCI | Zeng, Huijun; Liu, Xinghui; Shi, Dandan; Cao, Biao; Ouyang, Jun; Yu, Lei; Liao, Hua；Yang, Hui; **Du, Chang; Wang, Yingjun** |
|  | Subcellular localization of chitosan oligosaccharides in living cells | CHINESE SCIENCE BULLETIN | 2014 | SCI | Li, Xian; **Chen, Xiaofeng**；Zhou, Changren; Zhao, Mingyan |
|  | Dynamic Distribution of Cells in Porous Scaffolds During Cell Loading | JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING | 2014 | SCI | Han, Qianqian; Li, Chao; Ge, Zigang；Liu, Haifeng；Heng, Boon Chin；**Wu, Gang** |
|  | One-Pot Fabrication of Rattle-Like Capsules with Multicores by Pickering-Based Polymerization with Nanoparticle Nucleation | MACROMOLECULAR RAPID COMMUNICATIONS | 2014 | SCI | Zou, Shengwen; Hu, Yang; **Wang, Chaoyang** |
|  | Controlled oxidative nanopatterning of microrough titanium surfaces for improving osteogenic activity | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE | 2014 | SCI | Tan, Guoxin; Tan, Ying; Zhou, Lei; Wang, Hang；Ni, Guoxin; Lan, Guobo；Yu, Peng; Liao, Jingwen; **Ning, Chengyun**；Zhang, Yu；Yin, Zhaoyi |
|  | Chondrogenic differentiation of ATDC5 and hMSCs could be induced by a novel scaffold-tricalcium phosphate-collagen-hyaluronan without any exogenous growth factors in vitro | JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A | 2014 | SCI | Meng, Fangang; He, Aishan; Zhang, Zhiqi; Zhang, Ziji; Yang, Zibo; Long, Yi; Kang, Yan; Liao, Weiming；Lin, Zihong；**Wu, Gang** |
|  | Macroporous Nanocomposite Materials Prepared by Solvent Evaporation from Pickering Emulsion Templates | MACROMOLECULAR MATERIALS AND ENGINEERING | 2014 | SCI | Hu, Yang; Gu, Xiaoyu; Chen, Weike; Zou, Shengwen; **Wang, Chaoyang** |
|  | Preparation of Degradable PCEC-CaO-SiO2-P2O5 Hybrid Materials | RARE METAL MATERIALS AND ENGINEERING | 2014 | SCI | Ke Xiaotian; Huang Chao; Zhang Jingling; **Wu Gang** |
|  | Corrosion mechanism of micro-arc oxidation treated biocompatible AZ31 magnesium alloy in simulated body fluid | PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL | 2014 | SCI | Li, Ying; Li, Honglong; Lao, Yonghua; **Ning, Chengyun**；Zhu, Wenjun；Pan, Haobo；Tan, Guoxin；Ni, Guoxin；Lu, Fang |
|  | Gene Transfection of Bioactive Glass Fibers | JOURNAL OF INORGANIC MATERIALS | 2014 | SCI | Liu Hui; **Chen Xiao-Feng**; Li Xian; Li Yu-Li; Lin Ze-Feng |
|  | Research on rapid manufacturing of CoCrMo alloy femoral component based on selective laser melting | INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY | 2014 | SCI | Song, Changhui; **Yang, Yongqiang**; Wang, Yunda; **Wang, Di** |
|  | Impact of self-assembled monolayer films with specific chemical group on bFGF adsorption and endothelial cell growth on gold surface | JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A | 2014 | SCI | **Wu, Gang; Chen, Xiaofeng; Wang, Yingjun**；Wang, Jiahui |
|  | Effect of Pulse Frequency on the Corrosion Behavior of Microarc Oxidation Coating on Mg Alloys in SBF | RARE METAL MATERIALS AND ENGINEERING | 2014 | SCI | Gu Yanhong; Chen Lingling；**Ning Chengyun**; Yu Zunxiong; Li Honglong |
|  | Enhanced Healing of Full-thickness Diabetic Wounds Using Bioactive Glass and Yunnan Baiyao Ointments | JOURNAL OF WUHAN UNIVERSITY OF TECHNOLOGY-MATERIALS SCIENCE EDITION | 2014 | SCI | Mao Cong; Lin Cai; **Chen Xiaofeng** |
|  | Properties and Mechanism of Nanotextured Titanium Surfaces Created by Chemical Oxidation | RARE METAL MATERIALS AND ENGINEERING | 2014 | SCI | Tan Ying; Tan Guoxin; Zhou Lei; Wang Hang；**Ning Chengyun**; Yu Peng; **Chen Xiaofeng** |
|  | Effect of silicon content on the surface morphology of silicon-substituted hydroxyapatite bio-ceramics treated by a hydrothermal vapor method | CERAMICS INTERNATIONAL | 2014 | SCI | Zheng, Yanxia; Dong, Gang; **Deng,** **Chunlin** |
|  | Preparation and characterization of bottle-brush polymer via host-guest self-assembly between beta-cyclodextrin and adamantane | POLYMER INTERNATIONAL | 2014 | SCI | **Liu, Sa** |
|  | Preparation of carboxymethyl cellulose based microgels for cell encapsulation | EXPRESS POLYMER LETTERS | 2014 | SCI | Ke, Y.; Xue, W.；Liu, G. S.；Wang, J. H.；**Du, C.; Wu, G.** |
|  | Gray Matter Volume Abnormalities in Depressive Patients With and Without Anxiety Disorders | MEDICINE | 2014 | SCI | Qi, Haochen; **Guo, Shengwen**; Chi, Minyue; **Wu, Kai**；Ning, Yuping; Li, Jie; Guo, Yangbo; Yang, Yuling; Peng, Hongjun；Gao, Minjian |
|  | Controlling the Biological Activity and Mechanical Properties of Sol-Gel Synthesized PEG-CaO-SiO2-P2O5 Hybrid Materials for Bone Tissue Engineering | JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING | 2014 | SCI | **Wu, Gang**; Huang, Chao; Fang, Guan-Yu; He, Jia-Zhi; Wang, Si-Han; **Deng Chunlin**；Li, Hong；Ke, Yu |
|  | Intraoperative anthropometric measurements of tibial morphology: comparisons with the dimensions of current tibial implants | KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY | 2014 | SCI | Yang, Bo; Yu, Jia-kuo; Gong, Xi; Chen, Lian-xu; Wang, Yong-jian; Wang, Jian；Song, Chang-hui; **Yang, Yong-qiang** |
|  | Modification of biomaterials surface by mimetic cell membrane to improve biocompatibility | FRONTIERS OF MATERIALS SCIENCE | 2014 | SCI | Zhou, Lei; Tan, Guo-Xin；**Ning, Cheng-Yun** |
|  | Bioinspired Polydopamine Functionalization of Titanium Surface for Silver Nanoparticles Immobilization with Antibacterial Property | JOURNAL OF INORGANIC MATERIALS | 2014 | SCI | Tan Ying; Tan Guo-Xin; Zhou Lei；**Ning Cheng-Yun**；Rong Xi-Cang; Zhang Yu |
|  | Directing the fate of human and mouse mesenchymal stem cells by hydroxyl-methyl mixed self-assembled monolayers with varying wettability | JOURNAL OF MATERIALS CHEMISTRY B | 2014 | SCI | Hao, Lijing; Yang, Hui; **Du, Chang**; **Fu, Xiaoling**; **Zhao, Naru**; **Wang, Yingjun**；Xu, Suju; Cui, Fuzhai |
|  | The growth process of hierarchical porous hydroxyapatite microspheres precipitated by propionamide and citrate through hydrothermal synthesis | MATERIALS LETTERS | 2014 | SCI | *Hao, Lijing*; Yang, Hui; Du, Shaolong; **Zhao, Naru; Wang, Yingjun** |
|  | Facile synthesis of hollow mesoporous bioactive glass sub-micron spheres with a tunable cavity size | MATERIALS LETTERS | 2014 | SCI | Hu, Qing; Li, Yuli; **Zhao, Naru**; **Ning, Chengyun; Chen, Xiaofeng** |
|  | Facile Fabrication of Poly(L-lactic Acid)-Grafted Hydroxyapatite/Poly(lactic-co-glycolic Acid) Scaffolds by Pickering High Internal Phase Emulsion Templates | ACS APPLIED MATERIALS & INTERFACES | 2014 | SCI | Hu, Yang; Gu, Xiaoyu; Yang, Yu; Huang, Jian; Hu, Meng; Chen, Weike; Tong, Zhen; **Wang, Chaoyang** |
|  | Mineralization and drug release of hydroxyapatiteipoly(L-lactic acid) nanocomposite scaffolds prepared by Pickering emulsion templating | COLLOIDS AND SURFACES B-BIOINTERFACES | 2014 | SCI | Hu, Yang; Zou, Shengwen; Chen, Weike; Tong, Zhen; **Wang, Chaoyang** |
|  | Doping strontium in tricalcium phosphate microspheres using yeast-based biotemplate | MATERIALS CHEMISTRY AND PHYSICS | 2014 | SCI | Huang, Miaojun; Li, Tianjie; **Zhao, Naru**; Yao, Yongchang; Yang, Hui; **Du, Chang; Wang, Yingjun** |
|  | Fabrication and characterization of chitosan-collagen crosslinked membranes for corneal tissue engineering | JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION | 2014 | SCI | Li, Weichang; Long, Yuyu; Liu, Yang; Long, Kai; **Liu, Sa; Wang, Yingjun; Ren, Li**；Wang, Zhichong |
|  | Reversibly Controlling Preferential Protein Adsorption on Bone Implants by Using an Applied Weak Potential as a Switch | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2014 | SCI | Liao, Jingwen; Zhou, Zhengnan; Chen, Junqi; **Ning, Chengyun**；Zhu, Ye; Mao, Chuanbin；Tan, Guoxin |
|  | Facile Preparation of Core-Shell Nanocomposite Microgels | JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS | 2014 | SCI | Liu, Hao; Gao, Quanxin; Liu, Hongxia; **Wang, Chaoyang** |
|  | A novel collagen film with micro-rough surface structure for corneal epithelial repair fabricated by freeze drying technique | APPLIED SURFACE SCIENCE | 2014 | SCI | Liu, Yang; **Ren, Li; Wang, Yingjun** |
|  | Nanomechanical properties of poly(L-lactide) nanofibers after deformation | COLLOIDS AND SURFACES B-BIOINTERFACES | 2014 | SCI | Shao, Jundong; **Wang, Yingjun; Chen, Xiaofeng**; Hu, Xiaomeng; **Du, Chang** |
|  | Microstructure and properties of alendronate-loaded calcium phosphate cement | MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS | 2014 | SCI | Shen, Zhonghua; Yu, Tao; **Ye, Jiandong** |
|  | A mesoporous silicon/poly-(DL-lactic-co-glycolic) acid microsphere for long time anti-tuberculosis drug delivery | INTERNATIONAL JOURNAL OF PHARMACEUTICS | 2014 | SCI | Xu, Weikang; Wei, Xinmiao; Wei, Kun; **Cao, Xiaodong**; Zhong, Shizhen |
|  | Multifunctional foams derived from poly(melamine formaldehyde) as recyclable oil absorbents | JOURNAL OF MATERIALS CHEMISTRY A | 2014 | SCI | Yang, Yu; Tong, Zhen; **Wang, Chaoyang**；Deng, Yonghong |
|  | Nitrogen-Rich and Fire-Resistant Carbon Aerogels for the Removal of Oil Contaminants from Water | ACS APPLIED MATERIALS & INTERFACES | 2014 | SCI | Yang, Yu; Tong, Zhen; **Wang, Chaoyang** |
|  | An injectable hyaluronic acid/PEG hydrogel for cartilage tissue engineering formed by integrating enzymatic crosslinking and Diels-Alder "click chemistry" | POLYMER CHEMISTRY | 2014 | SCI | Yu, Feng; **Cao, Xiaodong**; Li, Yuli; Zeng, Lei; Yuan, Bo; **Chen, Xiaofeng** |
|  | Diets-Alder crosslinked HA/PEG hydrogels with high elasticity and fatigue resistance for cell encapsulation and articular cartilage tissue repair | POLYMER CHEMISTRY | 2014 | SCI | Yu, Feng; **Cao, Xiaodong**; Li, Yuli; Zeng, Lei; Zhu, Jiehua; Wang, Gang; **Chen, Xiaofeng** |
|  | Bio-inspired citrate functionalized apatite coating on rapid prototyped titanium scaffold | APPLIED SURFACE SCIENCE | 2014 | SCI | Yu, Peng; Wang, Di; Wang, Xiaolan; **Ning, Chengyun**；Lu, Fang；Zhu, Wenjun; Zhu, Xiaojing；Tan, Guoxin；Zhang, Yu; Li, Lihua |
|  | Effect of microcavitary alginate hydrogel with different pore sizes on chondrocyte culture for cartilage tissue engineering | MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS | 2014 | SCI | Zeng, Lei; Yao, Yongchang; **Chen, Xiaofeng**；Wang, Dong-an |
|  | Organic-Inorganic Hybrid Microcapsules Fabricated by Pickering Emulsion Templates | ACTA POLYMERICA SINICA | 2014 | SCI | Zhang, Qi; Yang, Yu; **Wang, Chao-yang** |
|  | Biocompatibility of Si-incorporated TiO2 film prepared by micro-arc oxidation | MATERIALS LETTERS | 2014 | SCI | Wang, Lin; Shi, Lin; Chen, Junjian; **Shi, Zhifeng; Ren, Li; Wang, Yingjun** |
|  | In Situ Synthesis of Robust Conductive Cellulose/Polypyrrole Composite Aerogels and Their Potential Application in Nerve Regeneration | ANGEWANDTE CHEMIE-INTERNATIONAL EDITION | 2014 | SCI | Shi, Zhuqun; Feng, Jiao; Ding, Beibei; Zhang, Lina; Cai, Jie；*Gao, Huichang*; **Cao**, **Xiaodong; Wang, Yingjun** |
|  | Size Controlling of Monodisperse Carboxymethyl Cellulose Microparticles via a Microfluidic Process | JOURNAL OF APPLIED POLYMER SCIENCE | 2014 | SCI | Ke, Yu; Guo, Tianhui; Zhang, Yi; Li, Chenghua; Xue, Wei；Liu, GuoSheng；**Wu, Gang; Du, Chang**；Wang, Jiahui |
|  | Silver Nanoparticles and Growth Factors Incorporated Hydroxyapatite Coatings on Metallic Implant Surfaces for Enhancement of Osteoinductivity and Antibacterial Properties | ACS APPLIED MATERIALS & INTERFACES | 2014 | SCI | Xie, Chao-Ming; Lu, Xiong; Zhi, Wei；Wang, Ke-Feng；Meng, Fan-Zhi; Jiang, Ou；Zhang, Hong-Ping；**Fang, Li-Ming** |
|  | Polymeric Nanoarchitectures on Ti-Based Implants for Antibacterial Applications | ACS APPLIED MATERIALS & INTERFACES | 2014 | SCI | Zhang, Long; Zhou, Tian; Liu, Xiangmei; Zhang, Tianjin; Xu, Zushun; Wang, Xianbao; Wu, Shuilin；**Ning, Chengyun**；Yeung, K. W. K.；Chu, Paul K. |
|  | Increased suicide attempts in young depressed patients with abnormal temporal-parietal-limbic gray matter volume | JOURNAL OF AFFECTIVE DISORDERS | 2014 | SCI | Peng, Hongjun; Li, Jie; Guo, Yangbo; Yang, Yuling; Ning, Yuping；**Wu, Kai**; Qi, Haochen; **Guo**, **Shengwen**; Chi, Minyue; **Wu, Xiaoming** |
|  | Facile and green fabrication of biomimetic gelatin-siloxane hybrid hydrogel with highly elastic properties for biomedical applications | CHEMICAL ENGINEERING JOURNAL | 2014 | SCI | Xue, Yumeng; Wang, Ling; Shao, Yongping; Yan, Jin; Lei, Bo；**Chen, Xiaofeng** |
|  | Click Immobilization of a VEGF-Mimetic Peptide on Decellularized Endothelial Extracellular Matrix to Enhance Angiogenesis | ACS APPLIED MATERIALS & INTERFACES | 2014 | SCI | **Wang, Lin**; Zhao, Meirong; Li, Siheng; Erasquin, Uriel J.; Cai, Chengzhi；**Ren, Li; Wang, Yingjun** |
|  | Facilely fabricating PCL nanofibrous scaffolds with hierarchical pore structure for tissue engineering | MATERIALS LETTERS | 2014 | SCI | Du, Yuzhang; Lei, Bo；**Chen, Xiaofeng**；Koh, Young Hag |
|  | Cell response to calcium phosphate cement incorporating lyophilized powders of PRP and PPP | Huanan Ligong Daxue Xuebao/Journal of South China University of Technology (Natural Science) | 2014,42（10） | EI | **Ye, JianDong**; Wu, HuaE; He, FuPo; Zhang, Jing |
|  | Study on the clearance feature of non-assembly mechanism manufactured by selective laser melting | Zhongguo Jiguang/Chinese Journal of Lasers | 2014,41（11） | EI | Liu, Yang; **Yang, Yongqiang; Wang, Di**; Yang, Xiongwen; Liu, Ruicheng |
|  | Selective laser melting and its applications on personalized medical parts | Jixie Gongcheng Xuebao/Journal of Mechanical Engineering | 2014,50（21） | EI | **Yang, Yongqiang**; Song, Changhui; **Wang, Di** |
|  | Production and cell compatibility of medical bacterial cellulose | Huanan Ligong Daxue Xuebao/Journal of South China University of Technology (Natural Science) | 2014,42（10） | EI | Li, LiFeng; Ren, Li; **Liu, Sa; Wang, YingJun** |
|  | Synthesis of hydroxyapatite microspheres by hydro-thermal method under the control of sodium citrate | Wuji Cailiao Xuebao/Journal of Inorganic Materials | 2014,29（3） | EI | Ma, YiJuan; Hao, LiJing; Du, ShaoLong; **Zhao, NaRu** |
|  | Research on process and property of CoCrMo alloy directly manufactured by selective laser melting | Zhongguo Jiguang/Chinese Journal of Lasers | 2014,41（6） | EI | Song, Changhui; **Yang, Yongqiang**; Wang, Yunda; Yu, Jiakuo; Mai, Shuzhen |
|  | Process optimization and electrochemical behavior of CoCrMo alloy fabricated by selective laser melting based on response surface method | Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals | 2014,24（10） | EI | Wang, YunDa; **Yang, YongQiang**; Song, ChangHui; Liu, FengMei; Mai, ShuZhen |
|  | Biomimetic multilayer polyurethane porous scaffold for cartilage tissue engineering | Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering | 2014,3  | EI | Chen, Long; **Wu, Gang** |
|  | Preparation of degradable PCEC-CaO-SiO2-P2O5hybrid materials | Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering | 2014,43  | EI | Ke, Xiaotian; Huang, Chao; Zhang, Jingling; **Wu, Gang** |
|  | Redesign and selective laser melting manufacturing of femoral component based on digital 3D technology | Guangxue Jingmi Gongcheng/Optics and Precision Engineering | 2014,2（8） | EI | Song, ChangHui; **Yang, YongQiang**; Zhang, ManHui; Yu, JiaKuo; Yang, Bo; **Wang, Di** |
|  | Clearance design and process optimization of non-assembly mechanisms fabricated by selective laser melting | Zhongguo Jiguang/Chinese Journal of Lasers | 2014,41（2） | EI | **Wang, Di**; Liu, Ruicheng; **Yang, Yongqiang** |
|  | Direct manufacturing of non-assembly mechanisms based on selective laser melting | Jixie Gongcheng Xuebao/Journal of Mechanical Engineering | 2014,50(21) | EI | **Yang, Yongqiang**; Liu, Yang; Yang, Xiongwen; **Wang, Di**; Xiao, Zefeng |
|  | OTS self-assembled monolayer on functionalization glass and patterning on titanium surface | Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering | 2014,43(4) | EI | Tan, Guoxin; **Ning, Chengyun**; Zhou, Lei; Zhang, Lin; Tan, Ying; Zhang, Zhiyue |
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|  | Properties and mechanism of nanotextured titanium surfaces created by chemical oxidation | Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering | 2014,43(10) | EI | Tan, Ying; Tan, Guoxin; **Ning, Chengyun;** Zhou, Lei; Yu, Peng; Wang, Hang; **Chen, Xiaofeng** |
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