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| 1 | Fabrication of Antibacterial and Antiwear Hydroxyapatite Coatings via In Situ Chitosan-Mediated Pulse Electrochemical Deposition | ACS APPLIED MATERIALS & INTERFACES | 2017 7 5 | 10.383 | 2017/2/8 | Yan, L (Yan, Ling) |
| 2 | Osteogenic and antiseptic nanocoating by in situ chitosan regulated electrochemical deposition for promoting osseointegration | MATERIALS SCIENCE AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS | 2019 102 | 8.457 | 2019/4/22 | Wang, XH (Wang, Xiaohui) |
| 3 | Multifunctional HA/Cu nano-coatings on titanium using PPy coordination and | BIOMATERIALS SCIENCE | 2018 6 | 7.59 | 2018/3/1 | Wang, Yingbo |

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|---|----------------------------------------------------------------------------------------------------|----------------------------------------------------|----------|------------|------------|--------------------------------------|
| | doping &ITvia&IT pulse electrochemical polymerization | | | | | |
| 4 | Stable ZnO-doped hydroxyapatite nanocoating for anti-infection and osteogenic on titanium | COLLOIDS AND SURFACES B-BIOINTER FACES | 2020 186 | 5.999 | 2019/12/14 | Maimaiti, B (Maimaiti, Baikere |
| 5 | Hydroxyapatite/silver electrospun fibers for anti-infection and osteinduction | JOURNAL OF ADVANCED RESEARCH | 2020 21 | 12.82 2 | 2019/10/9 | Liu, FF (Liu, Feifei) |

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新疆师范大学王英波老师主持申报的项目（骨修复材料表面/界面调控及其生物医学应用），拟申报 2022 年新疆自然科学奖，报奖成果



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附成果目录:

[1] Ling Yan, Yi Xiang, Jia Yu, Yingbo Wang*, Wenguo Cui. Fabrication of Anti- bacterial and Antiwear Hydroxyapatite Coatings via In SituChitosan-Mediated Pulse Electrochemical Deposition. J. ACS applied materials & interfaces. (IF=9.29)2017. 9: 5023-5030.

[2] Xiaohui Wang, Ling Yan, Tingting Ye, Ruoyu Cheng, Juling Tian, Chao Xia, Yingbo Wang*, Wenguo Cui

Electrochemical synthesis of poly(2-vinylpyridine) on titanium substrate and its antibacterial activity in vitro. Journal of Applied Electrochemistry. (IF=2.05)

[3] 张乃音, 洪江

Electrochemical synthesis of poly(2-vinylpyridine) on titanium substrate and its antibacterial activity in vitro. Journal of Applied Electrochemistry. (IF=2.05)2017. 47(12): 2161-2168.

Electrochemical synthesis of poly(2-vinylpyridine) on titanium substrate and its antibacterial activity in vitro. Journal of Applied Electrochemistry. (IF=2.05)2017. 47(12): 2161-2168.

Electrochemical synthesis of poly(2-vinylpyridine) on titanium substrate and its antibacterial activity in vitro. Journal of Applied Electrochemistry. (IF=2.05)2017. 47(12): 2161-2168.

Electrochemical synthesis of poly(2-vinylpyridine) on titanium substrate and its antibacterial activity in vitro. Journal of Applied Electrochemistry. (IF=2.05)2017. 47(12): 2161-2168.