

Publications for Behnam Akhavan

2018

Wang, Q., Akhavan, B., Jing, F., Cheng, D., Sun, H., Xie, D., Leng, Y., Bilek, M., Huang, N. (2018). Catalytic Formation of Nitric Oxide Mediated by Ti-Cu Coatings Provides Multifunctional Interfaces for Cardiovascular Applications. *Advanced Materials Interfaces*, 5(6), 1701487(1)-1701487(12). [More Information]

Stewart, C., Akhavan, B., Santos, M., Hung, J., Hawkins, C., Bao, B., Wise, S., Bilek, M. (2018). Cellular responses to radical propagation from ion-implanted plasma polymer surfaces. *Applied Surface Science*, 456, 701-710. [More Information]

Akhavan, B., Bakhshandeh, S., Najafi-Ashtiani, H., Fluit, A., Boel, E., Vogely, C., van der Wal, B., Zadpoor, A., Weinans, H., Hennink, W., Bilek, M., et al (2018). Direct covalent attachment of silver nanoparticles on radical-rich plasma polymer films for antibacterial applications. *Journal of Materials Chemistry B*, 6(37), 5845-5853. [More Information]

Martin, L., Akhavan, B., Bilek, M. (2018). Electric fields control the orientation of peptides irreversibly immobilized on radical-functionalized surfaces. *Nature Communications*, 9(1), 1-11. [More Information]

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Akhavan, B., Menges, B., Forch, R. (2016). Inhomogeneous Growth of Micrometer Thick Plasma Polymerized Films. *Langmuir*, 32(19), 4792-4799. [More Information]

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