



## **Assistant Prof. Dr. Jia Pei**

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**Jia Pei** graduated with a B.S and a M.S degrees in Chemistry from Nanjing University, China. Starting 2008, she studied at ETH Zurich in Switzerland, obtaining her Ph.D in 2013 from the department of Materials in the field of biointerfaces. Subsequently, Dr. Pei moved to the University of Washington for a short period of postdoc training. In the beginning of 2014, she joined Shanghai Jiao Tong University as an assistant professor in the School of Materials Science & Engineering, and has started to serve on the committee of foreign exchange affairs for the school since the beginning of 2017.

With backgrounds in polymer chemistry and physics, biomaterials and surface science of technology, the principal research fields of Dr. Pei are surface functionalization and analyses, biointerfaces, and metal-polymer composite biomaterials, recently with a focus on multifunctional biomimetic coating for biodegradable metallic implants application. She has published over 20 research papers in *Biomaterials*, *Acta Biomaterialia*, *ACS Applied Materials & Interfaces*, *Langmuir*, *Scientific Reports* and so on, and applied for 7 patents. Currently Dr. Pei has held several research grants from the National Natural Science Foundation of China (NSFC), the National Key Research and Development Program of China, the Science and Technology Commission of Shanghai Municipality and Sino-Swiss Science and Technology Cooperation. Since 2016, Dr. Pei has been elected as a youth committee member of the Chinese Society for Biomaterials (CSBM).