Liping Ouyang

List of Publications by Year
in descending order

15 papers	649 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	735 citing authors

#	Article	IF	Citations
1	Influence of sulfur content on bone formation and antibacterial ability of sulfonated PEEK. Biomaterials, 2016, 83, 115-126.	11.4	189
2	Multifunctional sulfonated polyetheretherketone coating with beta-defensin-14 for yielding durable and broad-spectrum antibacterial activity and osseointegration. Acta Biomaterialia, 2019, 86, 323-337.	8.3	83
3	Enhanced Bioactivity and Bacteriostasis of Surface Fluorinated Polyetheretherketone. ACS Applied Materials & Interfaces, 2017, 9, 16824-16833.	8.0	79
4	Nanostructural Surfaces with Different Elastic Moduli Regulate the Immune Response by Stretching Macrophages. Nano Letters, 2019, 19, 3480-3489.	9.1	49
5	Controllable and durable release of BMP-2-loaded 3D porous sulfonated polyetheretherketone (PEEK) for osteogenic activity enhancement. Colloids and Surfaces B: Biointerfaces, 2018, 171, 668-674.	5.0	47
6	Smart release of doxorubicin loaded on polyetheretherketone (PEEK) surface with 3D porous structure. Colloids and Surfaces B: Biointerfaces, 2018, 163, 175-183.	5.0	33
7	Sodium butyrate-modified sulfonated polyetheretherketone modulates macrophage behavior and shows enhanced antibacterial and osteogenic functions during implant-associated infections. Journal of Materials Chemistry B, 2019, 7, 5541-5553.	5.8	33
8	Antibacterial activity, osteogenic and angiogenic behaviors of copper-bearing titanium synthesized by PIII&D. Journal of Materials Chemistry B, 2016, 4, 1296-1309.	5.8	32
9	Mechanical Force Induced Selfâ€Assembly of Chinese Herbal Hydrogel with Synergistic Effects of Antibacterial Activity and Immune Regulation for Wound Healing. Small, 2022, 18, e2201766.	10.0	26
10	Nano Textured PEEK Surface for Enhanced Osseointegration. ACS Biomaterials Science and Engineering, 2019, 5, 1279-1289.	5.2	22
11	Pravastatin regulates host foreign-body reaction to polyetheretherketone implants via miR-29ab1-mediated SLIT3 upregulation. Biomaterials, 2019, 203, 12-22.	11.4	21
12	Strontium ranelate incorporated 3D porous sulfonated PEEK simulating MC3T3-E1 cell differentiation. International Journal of Energy Production and Management, 2021, 8, rbaa043.	3.7	14
13	Hydroxyapatite composited PEEK with 3D porous surface enhances osteoblast differentiation through mediating NO by macrophage. International Journal of Energy Production and Management, 2022, 9, rbab076.	3.7	14
14	Simvastatin-loaded sulfonated PEEK enhances angiogenesis and osteogenesis via miR-29cb2-mediated HIF-3Î± downregulation. Chemical Engineering Journal, 2022, 448, 137738.	12.7	4
15	miR-29cb2 promotes angiogenesis and osteogenesis by inhibiting HIF-3Î± in bone. IScience, 2022, 25, 103604.	4.1	3