Pan Cao

List of Publications by Year in Descending Order

14 papers	162 citations	8 h-index	12 g-index
16 ext. papers	232 ext. citations	3.8 avg, IF	3.22 L-index

#	Paper	IF	Citations
14	Dopamine-assisted sustainable antimicrobial peptide coating with antifouling and anticorrosion properties. *Applied Surface Science*, **2022**, 589, 153019	6.7	1
13	Fabrication of biomimetic slippery liquid-infused porous surface on 5086 aluminum alloy with excellent antifouling performance. *Surface and Interface Analysis*, **2021**, 53, 147-155	1.5	4
12	Combining topography and peptide to inhibit algae attachment: Preparation of peptide-modified microstructured surfaces. *Surface and Interface Analysis*, **2021**, 53, 973	1.5	0
11	Antibacterial properties of Magainin II peptide onto 304 stainless steel surfaces: A comparison study of two dopamine modification methods. *Colloids and Surfaces B: Biointerfaces*, **2020**, 194, 111198	6	8
10	Modification of a derived antimicrobial peptide on steel surface for marine bacterial resistance. *Applied Surface Science*, **2020**, 510, 145512	6.7	17
9	Stainless steel coated by Cu NPs via dopamine coupling for antifouling application. *Surface and Interface Analysis*, **2019**, 51, 809-816	1.5	2
8	Infused configurations induced by structures influence stability and antifouling performance of biomimetic lubricant-infused surfaces. *Surface and Coatings Technology*, **2019**, 358, 159-166	4.4	27
7	Autoclaving-induced in-situ grown hierarchical structures for construction of superhydrophobic surfaces: A new route to fabricate antifouling coatings. *Surface and Coatings Technology*, **2019**, 357, 180-188	4.4	29
6	Investigation of the antibiofilm capacity of peptide-modified stainless steel. *Royal Society Open Science*, **2018**, 5, 172165	3.3	17
5	A biofilm resistance surface yielded by grafting of antimicrobial peptides on stainless steel surface. *Surface and Interface Analysis*, **2018**, 50, 516-521	1.5	14
4	Covalent bonding of AgNPs to 304 stainless steel by reduction in situ for antifouling applications. *Applied Surface Science*, **2018**, 452, 201-209	6.7	18
3	Coupling Plant-Derived Cyclotides to Metal Surfaces: An Antibacterial and Antibiofilm Study. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	19
2	Peptide-modified stainless steel with resistance capacity of Staphylococcus aureus biofilm formation. *Surface and Interface Analysis*, **2018**, 50, 1362-1369	1.5	5
1	Effect of Pre-oxidation on High-Temperature Chlorine-induced Corrosion Properties of Air Plasma-Sprayed Ni-5%Al Coatings. *Journal of Thermal Spray Technology*,1	2.5	1