

Pan Cao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1126637/pan-cao-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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