

Shuai Zhang

List of Publications by Year in descending order

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18
papers

713
citations

687363

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794594

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20
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal-derived selenium nanoparticles and their potential applications in electroless silver coatings for preventing pin-tract infections. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbac013.	3.7	11
2	A sol-gel based silver nanoparticle/polytetrafluorethylene (AgNP/PTFE) coating with enhanced antibacterial and anti-corrosive properties. <i>Applied Surface Science</i> , 2021, 535, 147675.	6.1	42
3	Marine Microbial-Derived Antibiotics and Biosurfactants as Potential New Agents against Catheter-Associated Urinary Tract Infections. <i>Marine Drugs</i> , 2021, 19, 255.	4.6	10
4	Superhydrophobic Coatings for Urinary Catheters To Delay Bacterial Biofilm Formation and Catheter-Associated Urinary Tract Infection. <i>ACS Applied Bio Materials</i> , 2020, 3, 282-291.	4.6	32
5	Fungal transformation of selenium and tellurium located in a volcanogenic sulfide deposit. <i>Environmental Microbiology</i> , 2020, 22, 2346-2364.	3.8	12
6	Advanced titanium dioxide-polytetrafluorethylene (TiO ₂ -PTFE) nanocomposite coatings on stainless steel surfaces with antibacterial and anti-corrosion properties. <i>Applied Surface Science</i> , 2019, 490, 231-241.	6.1	73
7	Enhanced Antibacterial and Antiadhesive Activities of Silver-PTFE Nanocomposite Coating for Urinary Catheters. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2804-2814.	5.2	63
8	Thermodynamic and kinetic evaluation of the impact of polymer excipients on storage stability of amorphous itraconazole. <i>International Journal of Pharmaceutics</i> , 2019, 555, 394-403.	5.2	16
9	Reduction of bacterial adhesion on Ag-TiO ₂ coatings. <i>Materials Letters</i> , 2018, 218, 334-336.	2.6	13
10	Reduction of bacterial adhesion on titanium-doped diamond-like carbon coatings. <i>Biofouling</i> , 2018, 34, 26-33.	2.2	17
11	Orally-dissolving film for sublingual and buccal delivery of ropinirole. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 9-18.	5.0	50
12	Crystallization of Itraconazole Polymorphs from Melt. <i>Crystal Growth and Design</i> , 2016, 16, 3791-3801.	3.0	36
13	Effects of flavonoids from <i>Rosa laevigata</i> Michx fruit against high-fat diet-induced non-alcoholic fatty liver disease in rats. <i>Food Chemistry</i> , 2013, 141, 2108-2116.	8.2	80
14	Protection of the flavonoid fraction from <i>Rosa laevigata</i> Michx fruit against carbon tetrachloride-induced acute liver injury in mice. <i>Food and Chemical Toxicology</i> , 2013, 55, 60-69.	3.6	89
15	The potential role of CAMSAP1L1 in symptomatic epilepsy. <i>Neuroscience Letters</i> , 2013, 556, 146-151.	2.1	3
16	Protective effect of flavonoid-rich extract from <i>Rosa laevigata</i> Michx on cerebral ischemia-reperfusion injury through suppression of apoptosis and inflammation. <i>Neurochemistry International</i> , 2013, 63, 522-532.	3.8	111
17	Antibacterial characteristics of electroless plating Ni-P-TiO ₂ coatings. <i>Applied Surface Science</i> , 2013, 274, 101-104.	6.1	33
18	Subchronic toxicity study of the total flavonoids from <i>Rosa laevigata</i> Michx fruit in rats. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 62, 221-230.	2.7	20