Shuai Zhang

List of Publications by Year
in descending order

18 papers	713 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1051 citing authors

#	Article	IF	Citations
1	Protective effect of flavonoid-rich extract from Rosa laevigata Michx on cerebral ischemiaâ€“reperfusion injury through suppression of apoptosis and inflammation. Neurochemistry International, 2013, 63, 522-532.	3.8	111
2	Protection of the flavonoid fraction from Rosa laevigata Michx fruit against carbon tetrachloride-induced acute liver injury in mice. Food and Chemical Toxicology, 2013, 55, 60-69.	3.6	89
3	Effects of flavonoids from Rosa laevigata Michx fruit against high-fat diet-induced non-alcoholic fatty liver disease in rats. Food Chemistry, 2013, 141, 2108-2116.	8.2	80
4	Advanced titanium dioxide-polytetrafluorethylene (TiO2-PTFE) nanocomposite coatings on stainless steel surfaces with antibacterial and anti-corrosion properties. Applied Surface Science, 2019, 490, 231-241.	6.1	73
5	Enhanced Antibacterial and Antiadhesive Activities of Silver-PTFE Nanocomposite Coating for Urinary Catheters. ACS Biomaterials Science and Engineering, 2019, 5, 2804-2814.	5.2	63
6	Orally-dissolving film for sublingual and buccal delivery of ropinirole. Colloids and Surfaces B: Biointerfaces, 2018, 163, 9-18.	5.0	50
7	A solâ€“gel based silver nanoparticle/polytetrafluorethylene (AgNP/PTFE) coating with enhanced antibacterial and anti-corrosive properties. Applied Surface Science, 2021, 535, 147675.	6.1	42
8	Crystallization of Itraconazole Polymorphs from Melt. Crystal Growth and Design, 2016, 16, 3791-3801.	3.0	36
9	Antibacterial characteristics of electroless plating Niâ€“Pâ€“TiO2 coatings. Applied Surface Science, 2013, 274, 101-104.	6.1	33
10	Superhydrophobic Coatings for Urinary Catheters To Delay Bacterial Biofilm Formation and Catheter-Associated Urinary Tract Infection. ACS Applied Bio Materials, 2020, 3, 282-291.	4.6	32
11	Subchronic toxicity study of the total flavonoids from Rosa laevigata Michx fruit in rats. Regulatory Toxicology and Pharmacology, 2012, 62, 221-230.	2.7	20
12	Reduction of bacterial adhesion on titanium-doped diamond-like carbon coatings. Biofouling, 2018, 34, 26-33.	2.2	17
13	Thermodynamic and kinetic evaluation of the impact of polymer excipients on storage stability of amorphous itraconazole. International Journal of Pharmaceutics, 2019, 555, 394-403.	5.2	16
14	Reduction of bacterial adhesion on Ag-TiO2 coatings. Materials Letters, 2018, 218, 334-336.	2.6	13
15	Fungal transformation of selenium and tellurium located in a volcanogenic sulfide deposit. Environmental Microbiology, 2020, 22, 2346-2364.	3.8	12
16	Fungal-derived selenium nanoparticles and their potential applications in electroless silver coatings for preventing pin-tract infections. International Journal of Energy Production and Management, 2022, 9, rbac013.	3.7	11
17	Marine Microbial-Derived Antibiotics and Biosurfactants as Potential New Agents against Catheter-Associated Urinary Tract Infections. Marine Drugs, 2021, 19, 255.	4.6	10
18	The potential role of CAMSAP1L1 in symptomatic epilepsy. Neuroscience Letters, 2013, 556, 146-151.	2.1	3