

Han-Shin Kim

List of Publications by Year in descending order

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12
papers

663
citations

840119

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1094
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#	ARTICLE	IF	CITATIONS
1	6-Gingerol reduces <i>Pseudomonas aeruginosa</i> biofilm formation and virulence via quorum sensing inhibition. <i>Scientific Reports</i> , 2015, 5, 8656.	1.6	229
2	Ginger Extract Inhibits Biofilm Formation by <i>Pseudomonas aeruginosa</i> PA14. <i>PLoS ONE</i> , 2013, 8, e76106.	1.1	169
3	Structure-Activity Relationships of 6- and 8-Gingerol Analogs as Anti-Biofilm Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9821-9837.	2.9	45
4	Design, synthesis and biological evaluation of 4-(alkyloxy)-6-methyl-2H-pyran-2-one derivatives as quorum sensing inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2913-2917.	1.0	41
5	Raffinose, a plant galactoside, inhibits <i>Pseudomonas aeruginosa</i> biofilm formation via binding to LecA and decreasing cellular cyclic diguanylate levels. <i>Scientific Reports</i> , 2016, 6, 25318.	1.6	39
6	Mitigation of membrane biofouling by a quorum quenching bacterium for membrane bioreactors. <i>Bioresource Technology</i> , 2018, 258, 220-226.	4.8	39
7	Granular activated carbon supplementation alters the metabolic flux of <i>Clostridium butyricum</i> for enhanced biohydrogen production. <i>Bioresource Technology</i> , 2019, 281, 318-325.	4.8	25
8	Linoleic acid, a plant fatty acid, controls membrane biofouling via inhibition of biofilm formation. <i>Fuel</i> , 2019, 253, 754-761.	3.4	20
9	Linoleic acid inhibits <i>Pseudomonas aeruginosa</i> biofilm formation by activating diffusible signal factor-mediated quorum sensing. <i>Biotechnology and Bioengineering</i> , 2021, 118, 82-93.	1.7	18
10	Antibacterial application of covalently immobilized photosensitizers on a surface. <i>Environmental Research</i> , 2019, 172, 34-42.	3.7	16
11	Electrically conductive carbon nanotube/graphene composite membrane for self-cleaning of biofouling via bubble generation. <i>Desalination</i> , 2022, 535, 115841.	4.0	13
12	Inhibition of biofouling by modification of forward osmosis membrane using quaternary ammonium cation. <i>Water Science and Technology</i> , 2015, 72, 738-745.	1.2	9