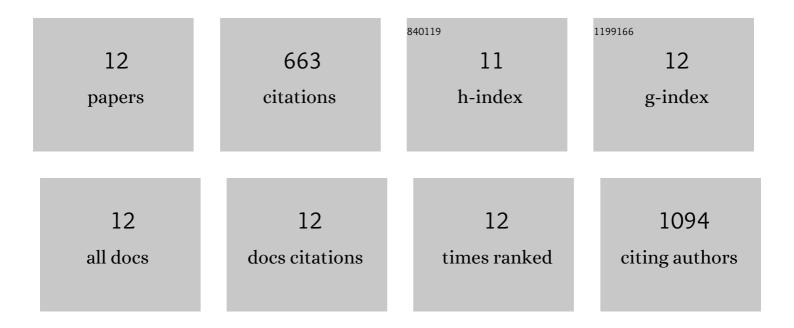
Han-Shin Kim

List of Publications by Year in descending order

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HAN-SHIN KIM

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