Le Yang

List of Publications by Citations

17 papers	317 citations	8 h-index	17 g-index
19 ext. papers	412 ext. citations	5.6 avg, IF	3.42 L-index

#	Paper	IF	Citations
17	Water-soluble BODIPY and aza-BODIPY dyes: synthetic progress and applications. *Frontiers of Chemical Science and Engineering*, **2014**, 8, 405-417	4.5	79
16	Hydrolytic Cleavage of C□O Linkages in Lignin Model Compounds Catalyzed by Water-Tolerant Lewis Acids. *Industrial & Engineering Chemistry Research*, **2014**, 53, 2633-2639	3.9	60
15	Co-self-assembled nanoaggregates of BODIPY amphiphiles for dual colour imaging of live cells. *Chemical Communications*, **2015**, 51, 12447-50	5.8	43
14	Aqueous self-assembly of a charged BODIPY amphiphile via nucleation-growth mechanism. *Physical Chemistry Chemical Physics*, **2015**, 17, 9167-72	3.6	33
13	Optical properties of oxygen vacancies in HfO thin films studied by absorption and luminescence spectroscopy. *Optics Express*, **2018**, 26, 17608-17623	3.3	24
12	Catalytic Hydrothermal Liquefaction of a Microalga in a Two-Chamber Reactor. *Industrial & Engineering Chemistry Research*, **2014**, 53, 11939-11944	3.9	21
11	Near- and supercritical ethanol treatment of biocrude from hydrothermal liquefaction of microalgae. *Bioresource Technology*, **2016**, 211, 779-82	11	14
10	Catalytic conversion of Chlorella pyrenoidosa to biofuels in supercritical alcohols over zeolites. *Bioresource Technology*, **2016**, 209, 313-7	11	10
9	Method for the experimental measurement of bulk and shear loss angles in amorphous thin films. *Physical Review D*, **2020**, 101,	4.9	6
8	Modifications of ion beam sputtered tantala thin films by secondary argon and oxygen bombardment. *Applied Optics*, **2020**, 59, A150-A154	1.7	6
7	Structural Evolution that Affects the Room-Temperature Internal Friction of Binary Oxide Nanolaminates: Implications for Ultrastable Optical Cavities. *ACS Applied Nano Materials*, **2020**, 3, 12308-12313	5.6	6
6	Growth and characterization of ScO doped TaO thin films. *Applied Optics*, **2020**, 59, A106-A111	1.7	4
5	Investigation of effects of assisted ion bombardment on mechanical loss of sputtered tantala thin films for gravitational wave interferometers. *Physical Review D*, **2019**, 100,	4.9	4
4	Prediction of crystallized phases of amorphous Ta2O5-based mixed oxide thin films using a density functional theory database. *APL Materials*, **2021**, 9, 031106	5.7	2
3	Low Mechanical Loss TiO_{2}:GeO_{2} Coatings for Reduced Thermal Noise in Gravitational Wave Interferometers. *Physical Review Letters*, **2021**, 127, 071101	7.4	2
2	Enhanced medium-range order in vapor-deposited germania glasses at elevated temperatures. *Science Advances*, **2021**, 7, eabh1117	14.3	2
1	Exploration of co-sputtered Ta2O5□rO2 thin films for gravitational-wave detectors. *Classical and Quantum Gravity*, **2021**, 38, 195021	3.3	1