

Xin Gao

List of Publications by Year in descending order

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1478505

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citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Free Detection of miRNA Using Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 12769-12773.	6.5	51
2	Rapid detection of viruses: Based on silver nanoparticles modified with bromine ions and acetonitrile. <i>Chemical Engineering Journal</i> , 2022, 438, 135589.	12.7	39
3	A novel enhanced substrate for label-free detection of SARS-CoV-2 based on surface-enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131568.	7.8	27
4	A direct method for detecting proteins in body fluids by Surface-Enhanced Raman Spectroscopy under native conditions. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113907.	10.1	17
5	Label-Free Detection of C&T Mutations by Surface-Enhanced Raman Spectroscopy Using Thiosulfate-Modified Nanoparticles. <i>Analytical Chemistry</i> , 2021, 93, 1951-1956.	6.5	14
6	Multiple Image Method for the Two Conductor Spheres in a Uniform Electrostatic Field. <i>Communications in Theoretical Physics</i> , 2012, 57, 1066-1070.	2.5	7
7	Two identical conducting spheres with same potential in a uniform electric field. <i>Journal of Electrostatics</i> , 2015, 77, 88-93.	1.9	7
8	Streamer initiation from column hydrometeor at weak ambient electric field. <i>Plasma Research Express</i> , 2019, 1, 035009.	0.9	4
9	Streamer discharge initiation from an isolated spherical hydrometeor at subbreakdown condition. <i>Journal of Electrostatics</i> , 2020, 106, 103457.	1.9	4
10	Optimization of the electric field calculation for a rod-shaped conductor in a uniform electric field. <i>International Journal of Modern Physics C</i> , 2019, 30, 1950039.	1.7	3
11	Time-dependent interaction across two conducting spheres in an applied electrostatic field. <i>Journal of Electrostatics</i> , 2016, 81, 54-58.	1.9	2
12	Liquid&solid transition of water confined in nanoporous titanium dioxide. <i>Modern Physics Letters B</i> , 2016, 30, 1650250.	1.9	2
13	Vibrational features of confined water in nanoporous TiO ₂ by Raman spectra. <i>Chinese Physics B</i> , 2016, 25, 026801.	1.4	2
14	Understanding the dependence of streamer initiation on hydrometeors size using Raether-Meek criterion. <i>Journal of Electrostatics</i> , 2021, 112, 103602.	1.9	1
15	Study on Dominant Parameters Determining Streamer Initiation from Hydrometeors in Thundercloud Fields. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034936.	3.3	1
16	Giant electrostatic interaction between two neutral conducting spheres in a uniform electric field: A theoretical study via the multiple-image method. <i>Modern Physics Letters B</i> , 0, , .	1.9	1
17	Mechanism of the typical relaxation process at low frequency based on dielectric measurements of water absorbed in porous titanium dioxide. <i>Europhysics Letters</i> , 2016, 113, 47007.	2.0	0