

Jianlin Yao

List of Publications by Year in descending order

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papers

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759233

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docs citations

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times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	PtPb/PtNi Intermetallic Core/Atomic Layer Shell Octahedra for Efficient Oxygen Reduction Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 9576-9582.	13.7	185
2	Self-Assembled Large-Scale Monolayer of Au Nanoparticles at the Air/Water Interface Used as a SERS Substrate. <i>Langmuir</i> , 2016, 32, 4530-4537.	3.5	122
3	Facet and dimensionality control of Pt nanostructures for efficient oxygen reduction and methanol oxidation electrocatalysts. <i>Nano Research</i> , 2016, 9, 2811-2821.	10.4	67
4	Magnetic separation and immunoassay of multi-antigen based on surface enhanced Raman spectroscopy. <i>Chemical Communications</i> , 2011, 47, 4225.	4.1	55
5	Plasmon-induced decarboxylation of mercaptobenzoic acid on nanoparticle film monitored by surface-enhanced Raman spectroscopy. <i>RSC Advances</i> , 2014, 4, 31810-31816.	3.6	47
6	A femtogram level competitive immunoassay of mercury(^{II}) based on surface-enhanced Raman spectroscopy. <i>Chemical Communications</i> , 2014, 50, 9112-9114.	4.1	30
7	Observing the dynamic "hot spots" on two-dimensional Au nanoparticles monolayer film. <i>Chemical Communications</i> , 2017, 53, 6788-6791.	4.1	29
8	Patterned Growth of Polyaniline Nanowire Arrays on a Flexible Substrate for High-Performance Gas Sensing. <i>Small</i> , 2011, 7, 3287-3291.	10.0	22
9	Ultra-sensitive magnetic immunoassay of HE4 based on surface enhanced Raman spectroscopy. <i>Analytical Methods</i> , 2015, 7, 6489-6495.	2.7	18
10	Ni@Au nanoparticles for surface enhanced Raman spectroscopy based ultrasensitive magnetic immunoassay on aflatoxin B ₁ . <i>RSC Advances</i> , 2016, 6, 61325-61333.	3.6	16
11	Surface-enhanced Raman spectroscopic identification in fingerprints based on adhesive Au nanofilm. <i>RSC Advances</i> , 2018, 8, 24477-24484.	3.6	16
12	Magnetic separation of clenbuterol based on competitive immunoassay and evaluation by surface-enhanced Raman spectroscopy. <i>RSC Advances</i> , 2017, 7, 3388-3397.	3.6	15
13	Liquid magnetic competitive immunoassay of clenbuterol based on surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1307-1317.	2.5	10
14	The moveable "hot spots" effect in an Au nanoparticles@Au plate coupled system. <i>Nanoscale</i> , 2020, 12, 23789-23798.	5.6	8
15	In situ surface-enhanced Raman spectroscopic monitoring electrochemical and surface plasmon resonance synergetic catalysis on dehydroxylation of PHTP at Ag electrodes. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1928-1937.	2.5	7
16	Surface-enhanced Raman spectroscopic investigation on surface plasmon resonance and electrochemical catalysis on surface coupling reaction of pyridine at Au/TiO ₂ junction electrodes. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2199-2207.	2.5	7
17	Structure of water at ionic liquid/Ag interface probed by surface enhanced Raman spectroscopy. <i>Science China Chemistry</i> , 2011, 54, 200-204.	8.2	5
18	Fabrication and surface enhanced Raman spectroscopy of single Au@SiO ₂ dimers linked by benzenedithiol. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 537-544.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Surface enhanced Raman spectroscopic studies on the adsorption behaviour of nitric oxide on a Ru covered Au nanoparticle film. RSC Advances, 2020, 10, 12339-12346.	3.6	4
20	Surface-enhanced Raman spectroscopic investigation on adsorption kinetic of carbon monoxide at the solid-gas interface. Journal of Chemical Physics, 2020, 153, 234704.	3.0	4
21	Surface Enhanced Raman Spectroscopy Coupled with High Performance Liquid Chromatography for Real-time Monitoring of Suzuki Coupling Reaction. Acta Chimica Sinica, 2018, 76, 526.	1.4	3
22	In situ construction of polymer-encapsulated Au nanoparticle dimers based on a C-C coupling reaction. RSC Advances, 2017, 7, 26153-26160.	3.6	2
23	Insights into the heterogeneous distribution of SERS effect in plasmonic hot spots between Au@SiO ₂ monolayer film and gold single crystal plates. RSC Advances, 2017, 7, 48544-48553.	3.6	1
24	Real-time visualizing Suzuki reaction by surface enhanced Raman spectroscopy and moveable magnetic nanoparticles film. Chemical Communications, 2022, , .	4.1	1
25	SERS Studies on the Electrochemical and SPR Synergistic Catalytic Interfacial Reaction of 4-Chlorothiophenol. Acta Chimica Sinica, 2021, 79, 1481.	1.4	0