Haifeng Yang

List of Publications by Year
in descending order

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53	1,149	361045 20	433756 31
papers	citations	h-index	g-index

54	54	54	1392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection strategies for superoxide anion: A review. Talanta, 2022, 236, 122892.	2.9	44
2	Improved discrimination of phenylalanine enantiomers by surface enhanced Raman scattering assay: molecular insight into chiral interaction. Analyst, The, 2022, 147, 1540-1543.	1.7	6
3	SERS determination of dopamine using metalâ€“organic frameworks decorated with Ag/Au noble metal nanoparticle composite after azo derivatization with p-aminothiophenol. Mikrochimica Acta, 2022, 189, 207.	2.5	6
4	Molecularly imprinted Monolithic column-based SERS sensor for selective detection of cortisol in dog saliva. Talanta, 2022, 249, 123609.	2.9	9
5	MnO2 coated Au nanoparticles advance SERS detection of cellular glutathione. Biosensors and Bioelectronics, 2022, 215, 114388.	5.3	26
6	Metal-organic-frameworks-enforced surface enhanced Raman scattering chip for elevating detection sensitivity of carbendazim in seawater. Sensors and Actuators B: Chemical, 2021, 326, 128852.	4.0	32
7	Reactive strategy-based SERS determination of O2Ë™â^' generated from sunscreen. Chemical Communications, 2021, 57, 1018-1021.	2.2	1
8	Core-Shell AgPdPt Composite Catalyst Advanced Electrochemical Activity. Journal of the Electrochemical Society, 2021, 168, 024509.	1.3	2
9	Construction of Au@Metal-organic framework for sensitive determination of creatinine in urine. Journal of Innovative Optical Health Sciences, 2021, 14, 2141003.	0.5	9
10	Preparation of magnetic metal organic framework: A magnetically induced improvement effect for detection of parathion-methyl. Sensors and Actuators B: Chemical, 2021, 339, 129909.	4.0	16
11	Protease-protection strategy combined with the SERS tags for detection of O-GlcNAc transferase activity. Sensors and Actuators B: Chemical, 2021, 345, 130410.	4.0	6
12	Preparation of gold core and silver shell substrate with inositol hexaphosphate inner gap for Raman detection of trace Penicillin G. Sensors and Actuators B: Chemical, 2021, 346, 130591.	4.0	8
13	ZnO Tips Dotted with Au Nanoparticlesâ€”Advanced SERS Determination of Trace Nicotine. Biosensors, 2021, 11, 465.	2.3	5
14	Polyethyleneimine mediated interaction for highly sensitive, magnetically assisted detection of tetracycline hydrochloride. Applied Surface Science, 2020, 505, 144543.	3.1	16
15	Protein-docking strategy boosting Raman detection sensitivity for aristolochic acid I. Sensors and Actuators B: Chemical, 2020, 304, 127223.	4.0	7
16	Rational design of PdRu/TiO2 composite material for advancing electrochemical catalysis of methanol oxidation. Journal of Power Sources, 2020, 472, 228517.	4.0	20
17	Enzyme-Free Tandem Reaction Strategy for Surface-Enhanced Raman Scattering Detection of Glucose by Using the Composite of Au Nanoparticles and Porphyrin-Based Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2020, 12, 55324-55330.	4.0	93
18	Preparation of Hydrophobic Film by Electrospinning for Rapid SERS Detection of Trace Triazophos. Sensors, 2020, 20, 4120.	2.1	15

#	Article	IF	Citations
19	Chirality Detection by Raman Spectroscopy: The Case of Enantioselective Interactions between Amino Acids and Polymer-Modified Chiral Silica. Analytical Chemistry, 2020, 92, 14292-14296.	3.2	14
20	Study on Process Optimization of Sprayable Powders and Deposition Performance of Amorphous Al2O3â€“YAG Coatings. Coatings, 2020, 10, 1158.	1.2	8
21	Chiral Plasmonic Nanoparticle Assisted Raman Enantioselective Recognition. Analytical Chemistry, 2020, 92, 8015-8020.	3.2	24
22	Recyclable Raman chip for detection of trace Mercury ions. Chemical Engineering Journal, 2020, 390, 124528.	6.6	37
23	Metal and Metal Oxide Interaction in Hollow CuO/Pd Catalyst Boosting Ethanol Electrooxidation. Journal of the Electrochemical Society, 2020, 167, 064508.	1.3	11
24	Surface reaction strategy for Raman probing trace cadmium ion. Arabian Journal of Chemistry, 2020, 13, 6544-6551.	2.3	2
25	Bimetallic alloy and semiconductor support synergistic interaction effects for superior electrochemical catalysis. Nanoscale, 2020, 12, 4719-4728.	2.8	13
26	SnO2 nanofibers decorated with Au nanoparticles for Ru(bpy)32+ sensitized photoelectrochemical determination of NO2â^' in urine. Sensors and Actuators B: Chemical, 2020, 309, 127714.	4.0	16
27	Enzyme-Assist-Interference-Free Strategy for Raman Selective Determination of Sialic Acid. Analytical Chemistry, 2020, 92, 3332-3339.	3.2	9
28	Surface Plasmon Resonance Boosting Photoelectrochemical System for Ultrasensitive Detection of Bisphenol A. Journal of the Electrochemical Society, 2020, 167, 127508.	1.3	1
29	Synergistic Enhancement Effect for Boosting Raman Detection Sensitivity of Antibiotics. ACS Sensors, 2019, 4, 2958-2965.	4.0	29
30	Fabrication and characterization of the stable Ag-Au-metal-organic-frameworks: An application for sensitive detection of thiabendazole. Sensors and Actuators B: Chemical, 2019, 293, 289-295.	4.0	67
31	Metal-Support Synergetic Effect for Elevating PtPd Electrocatalytic Performance. Journal of the Electrochemical Society, 2019, 166, F264-F269.	1.3	4
32	Polyaniline hollow tubes loading tiny platinum nanoparticles for boosting methanol oxidation. Applied Surface Science, 2019, 483, 489-495.	3.1	26
33	Gold nanoparticle enriched by Q sepharose spheres for chemical reaction tandem SERS detection of malondialdehyde. Sensors and Actuators B: Chemical, 2019, 281, 123-130.	4.0	15
34	Rapid and selective detection of trace Cu2+ by accumulation- reaction-based Raman spectroscopy. Sensors and Actuators B: Chemical, 2019, 283, 278-283.	4.0	35
35	Coreâ€“Shell Au@Metalâ€“Organic Frameworks for Promoting Raman Detection Sensitivity of Methenamine. ACS Applied Materials & Interfaces, 2018, 10, 15412-15417.	4.0	55
36	Hollow Echinus-like PdCuCo Alloy for Superior Efficient Catalysis of Ethanol. ACS Applied Materials & Interfaces, 2018, 10, 4743-4749.	4.0	32

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37	4-Phenylpyrimidine monolayer protection of a copper surface from salt corrosion. RSC Advances, 2018, 8, 7340-7349.	1.7	15
38	Surface enhanced Raman detection of the colon cancer biomarker cytidine by using magnetized nanoparticles of the type Fe3O4/Au/Ag. Mikrochimica Acta, 2018, 185, 195.	2.5	14
39	Ion inducing surface interaction for improved SERS detection of melamine in fertilizer and soil. Journal of Raman Spectroscopy, 2018, 49, 215-221.	1.2	5
40	Palladium litchi-like nanoclusters for remarkably elevating methanol electrocatalytic activity. Journal of Power Sources, 2018, 402, 183-188.	4.0	10
41	Thiolâ€“Disulfide Exchange Reaction for Cellular Glutathione Detection with Surface-Enhanced Raman Scattering. Analytical Chemistry, 2018, 90, 11333-11339.	3.2	73
42	Diazo-reaction-based SERS substrates for detection of nitrite in saliva. Sensors and Actuators B: Chemical, 2018, 271, 118-121.	4.0	32
43	In situ reduced silver nanoparticles embedded molecularly imprinted reusable sensor for selective and sensitive SERS detection of Bisphenol A. Applied Surface Science, 2018, 457, 323-331.	3.1	47
44	Robust, flexible, sticky and high sensitive SERS membrane for rapid detection applications. Sensors and Actuators B: Chemical, 2018, 274, 676-681.	4.0	28
45	Magnetically three-dimensional Au nanoparticles/reduced graphene/ nickel foams for Raman trace detection. Sensors and Actuators B: Chemical, 2018, 273, 884-890.	4.0	8
46	Electrospun CuO-Nanoparticles-Modified Polycaprolactone @Polypyrrole Fibers: An Application to Sensing Glucose in Saliva. Nanomaterials, 2018, 8, 133.	1.9	36
47	Facile construction of a polydopamine-based hydrophobic surface for protection of metals against corrosion. RSC Advances, 2017, 7, 11528-11536.	1.7	28
48	Facile synthesis of Au/Al₂O₃nanocomposites for improving the detection sensitivity of adenosine triphosphate. RSC Advances, 2017, 7, 25746-25752.	1.7	4
49	In-situ growth of raspberry-like silver composites for Raman detection of acrylamide. Sensors and Actuators B: Chemical, 2017, 243, 856-862.	4.0	12
50	Dentritic CuPtPd Catalyst for Enhanced Electrochemical Oxidation of Methanol. ACS Applied Materials & Interfaces, 2017, 9, 25995-26000.	4.0	43
51	Stretched graphene tented by polycaprolactone and polypyrrole netâ€“bracket for neurotransmitter detection. Applied Surface Science, 2017, 396, 832-840.	3.1	11
52	Selectivity/Specificity Improvement Strategies in Surface-Enhanced Raman Spectroscopy Analysis. Sensors, 2017, 17, 2689.	2.1	55
53	Electrochemical construction of porous gold nanostructures on DVD substrate and its application as nonenzymatic hydrogen peroxide sensor. Science China Chemistry, 2015, 58, 1585-1592.	4.2	9