

Xie Huanyu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

382
citations

687363

13
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794594

19
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all docs

21
docs citations

21
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Interference-free and high precision biosensor based on surface enhanced Raman spectroscopy integrated with surface molecularly imprinted polymer technology for tumor biomarker detection in human blood. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111599.	10.1	62
2	Fabrication of Fe ₃ O ₄ /Au@ATP@Ag Nanorod sandwich structure for sensitive SERS quantitative detection of histamine. <i>Analytica Chimica Acta</i> , 2020, 1104, 199-206.	5.4	53
3	Silver-Nanocellulose Composite Used as SERS Substrate for Detecting Carbendazim. <i>Nanomaterials</i> , 2019, 9, 355.	4.1	25
4	Diazotization-Coupling Reaction-Based Determination of Tyrosine in Urine Using Ag Nanocubes by Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2018, 8, 400.	4.1	22
5	Superhydrophobic silver film as a SERS substrate for the detection of uric acid and creatinine. <i>Biomedical Optics Express</i> , 2018, 9, 4988.	2.9	19
6	Silver nanocube coupling with a nanoporous silver film for dual-molecule recognition based ultrasensitive SERS detection of dopamine. <i>Analyst, The</i> , 2020, 145, 3009-3016.	3.5	19
7	Early detection of lung cancer <i>via</i> biointerference-free, target microRNA-triggered core-satellite nanocomposites. <i>Nanoscale</i> , 2022, 14, 8103-8111.	5.6	19
8	Fabrication and Characterization of a Highly-Sensitive Surface-Enhanced Raman Scattering Nanosensor for Detecting Glucose in Urine. <i>Nanomaterials</i> , 2018, 8, 629.	4.1	18
9	Highly sensitive detection of tryptophan (Trp) in serum based on diazo-reaction coupling with Surface-Enhanced Raman Scattering and colorimetric assay. <i>Analytica Chimica Acta</i> , 2020, 1119, 52-59.	5.4	17
10	Ag-Coated Cellulose Fibers as Surface-Enhanced Raman Scattering Substrates for Adsorptive Detection of Malachite Green. <i>Materials</i> , 2018, 11, 1197.	2.9	16
11	Hypersensitive detection of IL-6 on SERS substrate calibrated by dual model. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129597.	7.8	16
12	Interference-free SERS tags for ultrasensitive quantitative detection of tyrosinase in human serum based on magnetic bead separation. <i>Analytica Chimica Acta</i> , 2020, 1138, 150-157.	5.4	15
13	Surface-modified paper-based SERS substrates for direct-droplet quantitative determination of trace substances. <i>Cellulose</i> , 2020, 27, 1483-1495.	4.9	14
14	Green synthetic nitrogen-doped graphene quantum dot fluorescent probe for the highly sensitive and selective detection of tetracycline in food samples. <i>RSC Advances</i> , 2022, 12, 8160-8171.	3.6	14
15	On-off-SERS sensor triggered by IDO for non-interference and ultrasensitive quantitative detection of IDO. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130166.	7.8	13
16	In situ synthesis of silver nanoparticles on dialdehyde cellulose as reliable SERS substrate. <i>Cellulose</i> , 2021, 28, 10827-10840.	4.9	9
17	An Endoscope-like SERS Probe Based on the Focusing Effect of Silica Nanospheres for Tyrosine and Urea Detection in Sweat. <i>Nanomaterials</i> , 2022, 12, 421.	4.1	8
18	Sensitive and Selective Detection of Clenbuterol in Meat Samples by a Graphene Quantum Dot Fluorescent Probe Based on Cationic-Etherified Starch. <i>Nanomaterials</i> , 2022, 12, 691.	4.1	8

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19	Reusable 3D silver superposed silica SERS substrate based on the Griess reaction for the ratiometric detection of nitrite. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4751-4761.	3.7	7
20	Facile Ag-Film Based Surface Enhanced Raman Spectroscopy Using DNA Molecular Switch for Ultra-Sensitive Mercury Ions Detection. <i>Nanomaterials</i> , 2018, 8, 596.	4.1	6
21	Synthesis of Au NPs with multiple detection functions based on MoO _{3-x} nanosheets. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	2