Hui Chen

List of Publications by Year
in descending order

32	1,197	471371 17	434063 31
papers	citations	h-index	g-index

32	32	32	2175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous and ultra-sensitive SERS detection of SLPI and IL-18 for the assessment of donor kidney quality using black phosphorus/gold nanohybrids. Optics Express, 2022, 30, 1452.	1.7	8
2	Rapid Determination of Mixed Pesticide Residues on Apple Surfaces by Surface-Enhanced Raman Spectroscopy. Foods, 2022, 11, 1089.	1.9	9
3	Intracellular imaging and concurrent pH sensing of cancer-derived exosomes using surface-enhanced Raman scattering. Analytical and Bioanalytical Chemistry, 2021, 413, 4091-4101.	1.9	10
4	Dual-targeting SERS-encoded graphene oxide nanocarrier for intracellular co-delivery of doxorubicin and 9-aminoacridine with enhanced combination therapy. Analyst, The, 2021, 146, 6893-6901.	1.7	11
5	Detection of carbamazepine in saliva based on surface-enhanced Raman spectroscopy. Biomedical Optics Express, 2021, 12, 7673-7688.	1.5	10
6	Rapid Detection of Illegally Added Nifedipine in Chinese Traditional Patent Medicine by Surface-enhanced Raman Spectroscopy. Analytical Sciences, 2021, , .	0.8	0
7	In situ synthesis of graphene oxide/gold nanocomposites as ultrasensitive surface-enhanced Raman scattering substrates for clenbuterol detection. Analytical and Bioanalytical Chemistry, 2020, 412, 193-201.	1.9	19
8	Rapid quantitative determination of chlorpyrifos pesticide residues in tomatoes by surface-enhanced Raman spectroscopy. European Food Research and Technology, 2020, 246, 239-251.	1.6	33
9	Intracellular uptake of and sensing with SERS-active hybrid exosomes: insight into a role of metal nanoparticles. Nanomedicine, 2020, 15, 913-926.	1.7	15
10	Three-dimensional detection and quantification of defects in SiC by optical coherence tomography. Applied Optics, 2020, 59, 1746.	0.9	8
11	Molecular Detection of Cordycepin-Induced HeLa Cell Apoptosis with Surface-Enhanced Raman Spectroscopy. Applied Sciences (Switzerland), 2019, 9, 3990.	1.3	5
12	Colorimetric and SERS dual-mode detection of lead Ions based on Au-Ag core-shell nanospheres: featuring quick screening with ultra-high sensitivity. Optics Express, 2019, 27, 29248.	1.7	16
13	In situ probing of cellâ€“cell communications with surface-enhanced Raman scattering (SERS) nanoprobes and microfluidic networks for screening of immunotherapeutic drugs. Nano Research, 2017, 10, 584-594.	5.8	22
14	pH-sensitive nanocarrier based on gold/silver coreâ€“shell nanoparticles decorated multi-walled carbon manotubes for tracing drug release in living cells. Biosensors and Bioelectronics, 2016, 75, 446-451.	5.3	53
15	A graphene quantum dot-based FRET system for nuclear-targeted and real-time monitoring of drug delivery. Nanoscale, 2015, 7, 15477-15486.	2.8	83
16	Preparation of a magnetofluorescent nano-thermometer and its targeted temperature sensing applications in living cells. Talanta, 2015, 131, 259-265.	2.9	27
17	Investigation on Electrical Degradation of High Voltage nLDMOS After High Temperature Reverse Bias Stress. IEEE Transactions on Device and Materials Reliability, 2014, 14, 651-656.	1.5	5
18	Colorimetry and SERS dual-mode detection of telomerase activity: combining rapid screening with high sensitivity. Nanoscale, 2014, 6, 1808-1816.	2.8	67

#	Article	IF	Citations
19	Telomerase Triggered Drug Release Using a SERS Traceable Nanocarrier. IEEE Transactions on Nanobioscience, 2014, 13, 55-60.	2.2	13
20	Dual-mode tracking of tumor-cell-specific drug delivery using fluorescence and label-free SERS techniques. Biosensors and Bioelectronics, 2014, 51, 82-89.	5.3	26
21	Wavenumberâ€“intensity joint SERS encoding using silver nanoparticles for tumor cell targeting. RSC Advances, 2014, 4, 60936-60942.	1.7	16
22	SERS-Fluorescence Monitored Drug Release of a Redox-Responsive Nanocarrier Based on Graphene Oxide in Tumor Cells. ACS Applied Materials & Interfaces, 2014, 6, 17526-17533.	4.0	74
23	SERSâ€Fluorescence Joint Spectral Encoded Magnetic Nanoprobes for Multiplex Cancer Cell Separation. Advanced Healthcare Materials, 2014, 3, 1889-1897.	3.9	32
24	pH-controllable drug carrier with SERS activity for targeting cancer cells. Biosensors and Bioelectronics, 2014, 57, 10-15.	5.3	56
25	SERS Detection and Removal of Mercury(II)/Silver(I) using Oligonucleotide-Functionalized Core/Shell Magnetic Silica Sphere@Au Nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 7371-7379.	4.0	149
26	Ag@4ATP-coated liposomes: SERS traceable delivery vehicles for living cells. Nanoscale, 2014, 6, 8155.	2.8	26
27	Assessing Telomere Length Using Surface Enhanced Raman Scattering. Scientific Reports, 2014, 4, 6977.	1.6	15
28	Ultrasensitive Telomerase Activity Detection by Telomeric Elongation Controlled Surface Enhanced Raman Scattering. Small, 2013, 9, 4215-4220.	5.2	58
29	Magnetically controllable dual-mode nanoprobes for cell imaging with an onion-liked structure. Talanta, 2013, 116, 978-984.	2.9	16
30	Surface Enhanced Raman Scattering Traceable and Glutathione Responsive Nanocarrier for the Intracellular Drug Delivery. Analytical Chemistry, 2013, 85, 2223-2230.	3.2	69
31	SERS-Fluorescence Joint Spectral Encoding Using Organicâ€“Metalâ€“QD Hybrid Nanoparticles with a Huge Encoding Capacity for High-Throughput Biodetection: Putting Theory into Practice. Journal of the American Chemical Society, 2012, 134, 2993-3000.	6.6	200
32	Silica coated gold nanoaggregates prepared by reverse microemulsion method: Dual mode probes for multiplex immunoassay using SERS and fluorescence. Talanta, 2011, 86, 170-177.	2.9	46