

Yun Yu

List of Publications by Year in descending order

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49
papers

1,014
citations

567281

15
h-index

434195

31
g-index

50
all docs

50
docs citations

50
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel blood plasma analysis technique combining membrane electrophoresis with silver nanoparticle-based SERS spectroscopy for potential applications in noninvasive cancer detection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 655-663.	3.3	133
2	Label-free blood plasma test based on surface-enhanced Raman scattering for tumor stages detection in nasopharyngeal cancer. <i>Scientific Reports</i> , 2014, 4, 4751.	3.3	108
3	Gold Nanoparticle Based Surface-Enhanced Raman Scattering Spectroscopy of Cancerous and Normal Nasopharyngeal Tissues under Near-Infrared Laser Excitation. <i>Applied Spectroscopy</i> , 2009, 63, 1089-1094.	2.2	100
4	Rapid delivery of silver nanoparticles into living cells by electroporation for surface-enhanced Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2009, 25, 388-394.	10.1	91
5	Label-free detection of serum proteins using surface-enhanced Raman spectroscopy for colorectal cancer screening. <i>Journal of Biomedical Optics</i> , 2014, 19, 087003.	2.6	75
6	Label-free detection of nasopharyngeal and liver cancer using surface-enhanced Raman spectroscopy and partial least squares combined with support vector machine. <i>Biomedical Optics Express</i> , 2018, 9, 6053.	2.9	59
7	Label-Free Detection of Blood Plasma Using Silver Nanoparticle Based Surface-Enhanced Raman Spectroscopy for Esophageal Cancer Screening. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 478-484.	1.1	57
8	Confocal Raman spectroscopic analysis of the cytotoxic response to cisplatin in nasopharyngeal carcinoma cells. <i>Analytical Methods</i> , 2013, 5, 260-266.	2.7	42
9	Assessment of the radiotherapy effect for nasopharyngeal cancer using plasma surface-enhanced Raman spectroscopy technology. <i>Biomedical Optics Express</i> , 2018, 9, 3413.	2.9	37
10	Leukemia cells detection based on electroporation assisted surface-enhanced Raman scattering. <i>Biomedical Optics Express</i> , 2017, 8, 4108.	2.9	34
11	Label-free surface enhanced Raman spectroscopy analysis of blood serum via coffee ring effect for accurate diagnosis of cancers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120605.	3.9	28
12	Label-free diagnosis of breast cancer based on serum protein purification assisted surface-enhanced Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120234.	3.9	27
13	Label-free optical sensor based on red blood cells laser tweezers Raman spectroscopy analysis for ABO blood typing. <i>Optics Express</i> , 2016, 24, 24750.	3.4	26
14	Investigation on the interactions of lymphoma cells with paclitaxel by Raman spectroscopy. <i>Spectroscopy</i> , 2011, 25, 23-32.	0.8	22
15	An optimized electroporation method for delivering nanoparticles into living cells for surface-enhanced Raman scattering imaging. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	18
16	<sc>Surface-enhanced Raman scattering</sc> analysis of serum albumin via adsorption-exfoliation on hydroxyapatite nanoparticles for noninvasive cancers screening. <i>Journal of Biophotonics</i> , 2020, 13, e202000087.	2.3	16
17	Quick detection of traditional Chinese medicine "Atractylodis Macrocephalae Rhizoma" pieces by surface-enhanced Raman spectroscopy. <i>Laser Physics</i> , 2013, 23, 015601.	1.2	14
18	Optimizing electroporation assisted silver nanoparticle delivery into living C666 cells for surface-enhanced Raman spectroscopy. <i>Spectroscopy</i> , 2011, 25, 13-21.	0.8	12

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19	Label-free detection of bladder cancer and kidney cancer plasma based on SERS and multivariate statistical algorithm. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121336.	3.9	12
20	Detection and identification of Huoâ€“Xueâ€“Huaâ€“Yu decoction (HXHYD) using surface-enhanced Raman scattering (SERS) spectroscopy and multivariate analysis. <i>Laser Physics Letters</i> , 2015, 12, 045602.	1.4	10
21	Label-free determination of liver cancer stages using surface-enhanced Raman scattering coupled with preferential adsorption of hydroxyapatite microspheres. <i>Analytical Methods</i> , 2021, 13, 3885-3893.	2.7	9
22	Nondestructive discrimination between normal and hematological malignancy cell lines using near-infrared Raman spectroscopy and multivariate analysis. <i>Laser Physics Letters</i> , 2014, 11, 085601.	1.4	8
23	A microsphere nanoparticle based-serum albumin targeted adsorption coupled with surface-enhanced Raman scattering for breast cancer detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120039.	3.9	8
24	Houttuynia cordata Thunb extract induces cytotoxicity in human nasopharyngeal carcinoma cells: Raman spectroscopic studies. <i>Laser Physics Letters</i> , 2016, 13, 015601.	1.4	6
25	Surface-enhanced Raman on gold nanoparticles for the identification of the most common adulterant of Astragali Radix. <i>Spectroscopy Letters</i> , 2018, 51, 389-394.	1.0	6
26	A novel serum protein purification technique combined with surface-enhanced Raman spectroscopy for liver cancer detection. <i>Spectroscopy Letters</i> , 2021, 54, 113-121.	1.0	6
27	Quantitative and direct serum albumin detection by label-free SERS using tunable hydroxyapatite nanostructure for prostate cancer detection. <i>Analytica Chimica Acta</i> , 2022, 1221, 340101.	5.4	6
28	Human blood test based on surfaceâ€“enhanced Raman spectroscopy technology using different excitation light for nasopharyngeal cancer detection. <i>IET Nanobiotechnology</i> , 2019, 13, 942-945.	3.8	5
29	Surface-enhanced Raman scattering study of the healing of radial fractures treated with or without Huoâ€“Xueâ€“Huaâ€“Yu decoction therapy. <i>Laser Physics Letters</i> , 2014, 11, 115602.	1.4	4
30	Surfaceâ€“enhanced Raman scattering of secretory proteins for the cytotoxicity analysis of lowâ€“dose doxorubicin. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2217-2226.	2.5	4
31	Single cell detection using intracellularly-grown-Au-nanoparticle based surface-enhanced Raman scattering spectroscopy for nasopharyngeal cell line classification. <i>Analytical Methods</i> , 2021, 13, 3147-3153.	2.7	4
32	Surfaceâ€“enhanced Raman spectroscopy analysis of mast cell degranulation induced by lowâ€“intensity laser. <i>IET Nanobiotechnology</i> , 2019, 13, 983-988.	3.8	4
33	Multiple perforations and fistula formation following corticosteroid administration: A case report. <i>World Journal of Clinical Cases</i> , 2017, 5, 67.	0.8	4
34	Improved electroporation parameters of delivering silver nanoparticles into living C666 cells for surface-enhanced Raman scattering. <i>Journal of Physics: Conference Series</i> , 2011, 277, 012045.	0.4	3
35	Study on Fracture Healing with Small-Splint-Fixation Therapy by Near-Infrared Raman Spectroscopy. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-6.	1.3	3
36	A dual-mode biosensor combining transition metal carbonyl-based SERS and a colorimetric readout for thiol detection. <i>Analytical Methods</i> , 2019, 11, 5232-5236.	2.7	3

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37	Quantitative detection of crystal violet using a surface-enhanced Raman scattering based on a flower-like HAp/Ag nanocomposite. <i>Analytical Methods</i> , 2021, 13, 4143-4149.	2.7	3
38	Effect of Silver Colloid Concentration on Electroporation for Intracellular Surface Enhanced Raman Scattering*. <i>Progress in Biochemistry and Biophysics</i> , 2011, 38, 961-966.	0.3	2
39	Study on the activity of Huoâ€“Xueâ€“Huaâ€“Yu decoction and its drug groups in improving fracture healing using surface-enhanced Raman scattering (SERS) spectroscopy based on gold nanoparticles. <i>Analytical Methods</i> , 2022, 14, 2212-2218.	2.7	2
40	Surface-enhanced Raman scattering spectroscopic analysis of Saposhnikovia divaricata decoction. <i>Spectroscopy Letters</i> , 2016, 49, 204-207.	1.0	1
41	Label-free screening of intrahepatic cholangiocarcinoma cells using electroporation assisted surface-enhanced Raman scattering combined with statistical algorithms. <i>Laser Physics</i> , 2020, 30, 025601.	1.2	1
42	Study on degranulation of mast cells under C48/80 treatment by electroporation-assisted and ultrasound-assisted surface-enhanced Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120331.	3.9	1
43	Label-free Raman spectral analysis of the cytotoxicity effect of carboplatin and cisplatin in human nasopharyngeal cancer cells. <i>Spectroscopy Letters</i> , 2020, 53, 587-594.	1.0	0
44	Label-free discrimination of hepatoma cells based on Raman spectroscopy and multivariate statistical algorithms. , 2019, , .		0
45	Surface-enhanced Raman spectroscopy of degranulation response to C48/80 in mast cells. , 2019, , .		0
46	Surface-enhanced Raman scattering of secretory proteins from LO2 and HepG2. , 2020, , .		0
47	Detection of cancerous esophageal tissue by Raman spectroscopy and multivariate analysis of extracellular fluid. , 2020, , .		0
48	A serum albumin analysis technique combining hydroxyapatite (HAp) and surface-enhanced Raman scattering for noninvasive breast cancer screening. , 2020, , .		0
49	SERS signal of serum proteins purified with cellulose acetate membrane. , 2020, , .		0