

Kanet Wongravee

List of Publications by Year in descending order

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40
papers

944
citations

430874

18
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristic fingerprint based on gingerol derivative analysis for discrimination of ginger (Zingiber) Tj ETQq1 1 0.784314 rgBT /Overbo Chemistry, 2014, 158, 101-111.	8.2	126
2	H ₂ O ₂ -triggered shape transformation of silver nanospheres to nanoprisms with controllable longitudinal LSPR wavelengths. RSC Advances, 2013, 3, 12886.	3.6	78
3	Colorimetric determination of hydrogen peroxide by morphological decomposition of silver nanoprisms coupled with chromaticity analysis. Analytical Methods, 2014, 6, 9816-9824.	2.7	59
4	Supervised Self Organizing Maps for Classification and Determination of Potentially Discriminatory Variables: Illustrated by Application to Nuclear Magnetic Resonance Metabolomic Profiling. Analytical Chemistry, 2010, 82, 628-638.	6.5	52
5	Poly(<i>N</i> -isopropylacrylamide)-Stabilized Gold Nanoparticles in Combination with Tricationic Branched Phenylene-Ethynylene Fluorophore for Protein Identification. Langmuir, 2013, 29, 12317-12327.	3.5	50
6	Diagnosis of early-stage esophageal cancer by Raman spectroscopy and chemometric techniques. Analyst, The, 2016, 141, 1027-1033.	3.5	49
7	3D SERS Imaging Using Chemically Synthesized Highly Symmetric Nanoporous Silver Microparticles. Angewandte Chemie - International Edition, 2016, 55, 8391-8395.	13.8	44
8	Comparison of multivariate analysis methods for extracting the paraffin component from the paraffin-embedded cancer tissue spectra for Raman imaging. Scientific Reports, 2017, 7, 44890.	3.3	42
9	Mouse Urinary Biomarkers Provide Signatures of Maturation, Diet, Stress Level, and Diurnal Rhythm. Chemical Senses, 2010, 35, 459-471.	2.0	33
10	Enhancement of the reduction efficiency of soluble starch for platinum nanoparticles synthesis. Carbohydrate Research, 2012, 357, 90-97.	2.3	33
11	Microfluidic approach for in situ synthesis of nanoporous silver microstructures as on-chip SERS substrates. Sensors and Actuators B: Chemical, 2018, 270, 466-474.	7.8	32
12	Chemometric analysis of spectroscopic data on shape evolution of silver nanoparticles induced by hydrogen peroxide. Physical Chemistry Chemical Physics, 2013, 15, 4183-4189.	2.8	31
13	Identification of Volatile Compounds and Selection of Discriminant Markers for Elephant Dung Coffee Using Static Headspace Gas Chromatography-Mass Spectrometry and Chemometrics. Molecules, 2018, 23, 1910.	3.8	28
14	Grating-coupled surface plasmon resonance enhanced organic photovoltaic devices induced by Blu-ray disc recordable and Blu-ray disc grating structures. Nanoscale, 2017, 9, 4963-4971.	5.6	27
15	Variable Selection Using Iterative Reformulation of Training Set Models for Discrimination of Samples: Application to Gas Chromatography/Mass Spectrometry of Mouse Urinary Metabolites. Analytical Chemistry, 2009, 81, 5204-5217.	6.5	26
16	Droplet-based glucosamine sensor using gold nanoparticles and polyaniline-modified electrode. Talanta, 2016, 158, 134-141.	5.5	23
17	High purity silver microcrystals recovered from silver wastes by eco-friendly process using hydrogen peroxide. Chemosphere, 2017, 178, 249-258.	8.2	23
18	Monte-Carlo methods for determining optimal number of significant variables. Application to mouse urinary profiles. Metabolomics, 2009, 5, 387-406.	3.0	22

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19	Naked eye colorimetric quantification of protein content in milk using starch-stabilized gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 131-137.	7.8	19
20	Nanoporous silver microstructure for single particle surface-enhanced Raman scattering spectroscopy. <i>RSC Advances</i> , 2015, 5, 1391-1397.	3.6	16
21	Doped organic single-crystal photovoltaic cells. <i>Organic Electronics</i> , 2019, 64, 92-96.	2.6	14
22	Facile and Sensitive Detection of Carbofnran Carbamate Pesticide in Rice and Soybean Using Coupling Reaction-based Surface-Enhanced Raman Scattering. <i>Analytical Sciences</i> , 2017, 33, 89-94.	1.6	13
23	Online preconcentration and determination of chondroitin sulfate, dermatan sulfate and hyaluronic acid in biological and cosmetic samples using capillary electrophoresis. <i>Journal of Separation Science</i> , 2019, 42, 2867-2874.	2.5	11
24	Visual genotyping of thalassemia by using pyrrolidinyl peptide nucleic acid probes immobilized on carboxymethylcellulose-modified paper and enzyme-induced pigmentation. <i>Mikrochimica Acta</i> , 2020, 187, 238.	5.0	11
25	Rapid Discovery and Structure-Property Relationships of Metal-Ion Fluorescent Sensors via Macroarray Synthesis. <i>Scientific Reports</i> , 2019, 9, 10390.	3.3	10
26	Distinguishing Enantiomers by Tip-Enhanced Raman Scattering: Chemically Modified Silver Tip with an Asymmetric Atomic Arrangement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14564-14569.	13.8	9
27	3D SERS Imaging Using Chemically Synthesized Highly Symmetric Nanoporous Silver Microparticles. <i>Angewandte Chemie</i> , 2016, 128, 8531-8535.	2.0	8
28	MCR-ALS with sample insertion constraint to enhance the sensitivity of surface-enhanced Raman scattering detection. <i>Analyst, The</i> , 2021, 146, 3251-3262.	3.5	8
29	Non-destructive method for discrimination of weedy rice using near infrared spectroscopy and modified self-organizing maps (SOMs). <i>Computers and Electronics in Agriculture</i> , 2021, 191, 106522.	7.7	7
30	Air-gap-enhanced pearlescent effect in periodic stratified bilayers of <i>Perna viridis</i> shell. <i>Journal of Materials Science</i> , 2014, 49, 6282-6289.	3.7	6
31	Simultaneous removal of As(III) and As(V) from wastewater by co-precipitation using an experimental design approach. <i>Desalination and Water Treatment</i> , 2016, 57, 16571-16582.	1.0	6
32	Optical Properties of Individual Aragonite Plates from Nacre. <i>ChemistrySelect</i> , 2018, 3, 11700-11704.	1.5	6
33	Cellular responses of periodontal ligament stem cells to a novel synthesized form of calcium hydrogen phosphate with a hydroxyapatite-like surface for periodontal tissue engineering. <i>Journal of Oral Science</i> , 2018, 60, 428-437.	1.7	5
34	Selective colors reflection from stratified aragonite calcium carbonate plates of mollusk shells. <i>Journal of Structural Biology</i> , 2015, 191, 184-189.	2.8	4
35	Rapid geographical indication of peppercorn seeds using corona discharge mass spectrometry. <i>Scientific Reports</i> , 2021, 11, 16089.	3.3	4
36	Phase transferring of silver nanoparticles to organic solvents using modified graphene oxide as carrier. <i>Materials Chemistry and Physics</i> , 2017, 199, 348-355.	4.0	3

#	ARTICLE	IF	CITATIONS
37	Paper-based chemical reaction arrays as an effective tool for geographical indication of turmeric. RSC Advances, 2018, 8, 41950-41955.	3.6	2
38	Synthesis of silver microfibers with ultrahigh aspect ratio by galvanic replacement reaction. Materials Chemistry and Physics, 2019, 237, 121872.	4.0	2
39	Distinguishing Enantiomers by Tip-Enhanced Raman Scattering: Chemically Modified Silver Tip with an Asymmetric Atomic Arrangement. Angewandte Chemie, 2020, 132, 14672-14677.	2.0	1
40	Flexible superhydrophobic gold film for magnetical manipulation of droplets. Materials Today Chemistry, 2021, 21, 100531.	3.5	1