Yeonju Park

List of Publications by Year
in descending order

38 papers	869 citations	623734 14 h-index	501196 28 g-index
39 all docs	39 docs citations	39 times ranked	1160 citing authors

#	Article	IF	Citations
1	Continuing progress in the field of two-dimensional correlation spectroscopy (2D-COS): Part III. Versatile applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2023, 284, 121636.	3.9	11
2	The Study of pH Effects on Phase Transition of Multi-Stimuli Responsive P(NiPAAm-co-AAc) Hydrogel Using 2D-COS. Polymers, 2021, 13, 1447.	4.5	11
3	Characterization of the phase transition mechanism of P(NiPAAm-co-AAc) copolymer hydrogel using 2D correlation IR spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119525.	3.9	10
4	A robust bis-rhodium(<scp>i</scp>) complex of Ï€-extended planar, anti-aromatic hexaphyrin[1.0.1.0.1.0]. Chemical Communications, 2020, 56, 758-761.	4.1	12
5	A Study on Blend Ratio-dependent Far-IR and Low-frequency Raman Spectra and WAXD Patterns of Poly(3-hydroxybutyrate)/ poly(4-vinylphenol) Using Homospectral and Heterospectral Two-dimensional Correlation Spectroscopy. Analytical Sciences, 2020, 36, 731-735.	1.6	9
6	Innentitelbild: Direct Dynamic Evidence of Charge Separation in a Dyeâ€Sensitized Solar Cell Obtained under Operando Conditions by Raman Spectroscopy (Angew. Chem. 27/2020). Angewandte Chemie, 2020, 132, 10758-10758.	2.0	0
7	Mechanical properties and thermal stability of intermolecular-fitted poly(vinyl alcohol)/Î±-chitin nanofibrous mat. Carbohydrate Polymers, 2020, 244, 116476.	10.2	21
8	Direct Dynamic Evidence of Charge Separation in a Dyeâ€Sensitized Solar Cell Obtained under Operando Conditions by Raman Spectroscopy. Angewandte Chemie, 2020, 132, 10872-10876.	2.0	5
9	Direct Dynamic Evidence of Charge Separation in a Dyeâ€Sensitized Solar Cell Obtained under Operando Conditions by Raman Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 10780-10784.	13.8	16
10	Size-Dependent Surface-Enhanced Raman Scattering Activity of Ag@Cu_xOS Yolkâ€“Shell Nanostructures: Surface Plasmon Resonance Induced Charge Transfer. Journal of Physical Chemistry C, 2020, 124, 16616-16623.	3.1	20
11	Incorporation of two-dimensional correlation analysis into discriminant analysis as a potential tool for improving discrimination accuracy: Near-infrared spectroscopic discrimination of adulterated olive oils. Talanta, 2020, 212, 120748.	5.5	27
12	Different Molecular Interaction between Collagen and Î±- or Î²-Chitin in Mechanically Improved Electrospun Composite. Marine Drugs, 2019, 17, 318.	4.6	13
13	Ultrafast Excitonic Behavior in Two-Dimensional Metalâ€“Semiconductor Heterostructure. ACS Photonics, 2019, 6, 1379-1386.	6.6	23
14	Studies on Chemical IR Images of Poly(hydroxybutyrateâ€“coâ€“hydroxyhexanoate)/Poly(ethylene glycol) Blends and Two-Dimensional Correlation Spectroscopy. Polymers, 2019, 11, 507.	4.5	12
15	Controllable Preparation of SERS-Active Ag-FeS Substrates by a Cosputtering Technique. Molecules, 2019, 24, 551.	3.8	13
16	Investigation of the Phase Transition Mechanism in LiFePO4 Cathode Using In Situ Raman Spectroscopy and 2D Correlation Spectroscopy during Initial Cycle. Molecules, 2019, 24, 291.	3.8	22
17	Recent Development of SERS Technology: Semiconductor-Based Study. ACS Omega, 2019, 4, 20101-20108.	3.5	105
18	A reagent-assisted method in SERS detection of methyl salicylate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 195, 172-175.	3.9	13

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19	Highly sensitive determination of iron (III) ion based on phenanthroline probe: Surface-enhanced Raman spectroscopy methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 197, 43-46.	3.9	9
20	Coacervation of Interfacial Adhesive Proteins for Initial Mussel Adhesion to a Wet Surface. Small, 2018, 14, e1803377.	10.0	52
21	Smooth Factor Analysis (SFA) to Effectively Remove High Levels of Noise from Spectral Data Sets. Applied Spectroscopy, 2018, 72, 765-775.	2.2	20
22	Identification of native charge-transfer status of p-aminothiolphenol adsorbed on noble metallic substrates by surface-enhanced infrared absorption (SEIRA) spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 532-536.	3.9	3
23	Salt Triggers the Simple Coacervation of an Underwater Adhesive When Cations Meet Aromatic Ï€ Electrons in Seawater. ACS Nano, 2017, 11, 6764-6772.	14.6	149
24	Formation mechanism of Î±-lactalabumin/oleic acid complex characterized by 2D correlation analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 185, 93-97.	3.9	9
25	Reaction at the Electrolyteâ€“Electrode Interface in a Liâ€Ion Battery Studied by In Situ Raman Spectroscopy. Bulletin of the Korean Chemical Society, 2017, 38, 511-513.	1.9	7
26	The mechanism of an enzymatic reaction-induced SERS transformation for the study of enzymeâ€“molecule interfacial interactions. Physical Chemistry Chemical Physics, 2016, 18, 31787-31795.	2.8	11
27	Twoâ€Dimensional Correlation Analysis of <scp>pH</scp>â€induced Raman Spectral Changes of Î±â€Lactalbumin. Bulletin of the Korean Chemical Society, 2016, 37, 783-785.	1.9	2
28	Novel developments and applications of two-dimensional correlation spectroscopy. Journal of Molecular Structure, 2016, 1124, 11-28.	3.6	72
29	Correlation between magnon and magnetic symmetries of hexagonal RMnO3 (RÂ=ÂEr, Ho, Lu). Journal of Molecular Structure, 2016, 1124, 103-109.	3.6	6
30	Two-dimensional correlation spectroscopy in polymer study. Frontiers in Chemistry, 2015, 3, 14.	3.6	44
31	Understanding the Structural Differences between Spherical and Rodâ€Shaped Human Insulin Nanoparticles Produced by Supercritical Fluids Precipitation. ChemPhysChem, 2015, 16, 476-482.	2.1	8
32	Preparation of a Superhydrophobic and Peroxidase-like Activity Array Chip for H₂O₂ Sensing by Surface-Enhanced Raman Scattering. ACS Applied Materials & Interfaces, 2015, 7, 23472-23480.	8.0	59
33	High-yield clicking and dissociation of doxorubicin nanoclusters exhibiting differential cellular uptakes and imaging. Journal of Controlled Release, 2015, 217, 64-73.	9.9	8
34	2D correlation analysis of the magnetic excitations in Raman spectra of HoMnO3. Journal of Molecular Structure, 2014, 1069, 280-283.	3.6	5
35	Reaction-Induced Self-Assembly of Gel Structure: A New Insight into Chemical Gelation Process of N-Isopropylacrylamide as Studied by Two-Dimensional Infrared Correlation Spectroscopy. Macromolecules, 2013, 46, 3587-3602.	4.8	34
36	Surface Reaction of LiCoO₂/Li System under High-Voltage Conditions by X-Ray Spectroscopy and Two-Dimensional Correlation Spectroscopy (2D-COS). Applied Spectroscopy, 2011, 65, 320-325.	2.2	12

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37	Zincon as resonance Raman probe for quantitative evaluation of proteins. Journal of Raman Spectroscopy, 2011, 42, 1963-1966.	2.5	11
38	Visible laserâ€“induced photoreduction of silver 4â€²nitrobenzenethiolate revealed by Raman scattering spectroscopy. Journal of Raman Spectroscopy, 2010, 41, 187-192.	2.5	5