Viswadevarayalu Annavaram

List of Publications by Year
in descending order

14 papers	351 citations	949033 11 h-index	1255698 13 g-index
14 all docs	14 docs citations	14 times ranked	554 citing authors

#	Article	IF	Citations
1	Green synthesis of metal nanoparticles for environmental remediation. , 2022, , 111-134.		0
2	Rapid Detection and Prediction of Norfloxacin in Fish Using Bimetallic Au@Ag Nano-Based SERS Sensor Coupled Multivariate Calibration. Food Analytical Methods, 2022, 15, 2346-2356.	1.3	3
3	Chemometrics coupled 4-Aminothiophenol labelled Ag-Au alloy SERS off-signal nanosensor for quantitative detection of mercury in black tea. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 242, 118747.	2.0	15
4	FT-NIR coupled chemometric methods rapid prediction of K-value in fish. Vibrational Spectroscopy, 2020, 108, 103044.	1.2	23
5	Signal-enhanced SERS-sensors of CAR-PLS and GA-PLS coupled AgNPs for ochratoxin A and aflatoxin B1 detection. Food Chemistry, 2020, 315, 126231.	4.2	100
6	Synthesis of highly fluorescent RhDCP as an ideal inner filter effect pair for the NaYF4:Yb,Er upconversion fluorescent nanoparticles to detect trace amount of Hg(II) in water and food samples. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111950.	2.0	12
7	Rapid and Nondestructive Quantification of Trimethylamine by FT-NIR Coupled with Chemometric Techniques. Food Analytical Methods, 2019, 12, 2035-2044.	1.3	25
8	An octahedral Cu₂O@AgNCs substrate in liquid-microextraction coupled chemometric algorithms for SERS sensing of chromium(<scp>iii</scp> & <scp>vi</scp>) species. Analytical Methods, 2019, 11, 6004-6012.	1.3	14
9	NaYF4@Yb,Ho,Au/GO-nanohybrid materials for SERS applicationsâ€"Pb(II) detection and prediction. Colloids and Surfaces B: Biointerfaces, 2019, 174, 598-606.	2.5	11
10	Terminalia bellirica fruit extract-mediated synthesis of gold nanoparticles (AuNPs) and studies on antimicrobial and antioxidant activity. Inorganic and Nano-Metal Chemistry, 2017, 47, 681-687.	0.9	13
11	Fabrication of grapheneâ€"TiO2 nanocomposite with improved photocatalytic degradation for acid orange 7 dye under solar light irradiation. Bulletin of Materials Science, 2016, 39, 759-767.	0.8	14
12	Preparation of grapheneâ€"TiO₂nanocomposite and photocatalytic degradation of Rhodamine-B under solar light irradiation. Journal of Experimental Nanoscience, 2016, 11, 722-736.	1.3	45
13	Graphene-ZnO nanocomposite for highly efficient photocatalytic degradation of methyl orange dye under solar light irradiation. Korean Journal of Chemical Engineering, 2016, 33, 456-464.	1.2	57
14	Facile Green Synthesis of Silver Nanoparticles Using Limonia Acidissima Leaf Extract and its Antibacterial Activity. BioNanoScience, 2015, 5, 97-103.	1.5	19