Sulayman A Oladepo

List of Publications by Year
in descending order

25 papers	616 citations	759233 12 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	982 citing authors

#	Article	IF	Citations
1	Development and Application of Liquid Crystals as Stimuli-Responsive Sensors. Molecules, 2022, 27, 1453.	3.8	16
2	Non-enzymatic detection of miR-21 in cancer cells using a homogeneous mix-and-read smart probe assay. Analytical Biochemistry, 2022, 645, 114601.	2.4	1
3	Fast Orange Peel-Mediated Synthesis of Silver Nanoparticles and Use as Visual Colorimetric Sensor in the Selective Detection of Mercury(II) Ions. Arabian Journal for Science and Engineering, 2021, 46, 5477-5487.	3.0	15
4	Temperature-dependent fluorescence emission of 4-cyano-4â€²-pentylbiphenyl and 4-cyano-4â€²-hexylbiphenyl liquid crystals and their bulk phase transitions. Journal of Molecular Liquids, 2021, 323, 114590.	4.9	10
5	Comparative Study of Thermal Stability and On/Off Fluorescent Signaling Characteristics of Self-Quenching Smart Probes. Arabian Journal for Science and Engineering, 2021, 46, 407-416.	3.0	0
6	Rapid Synthetic Routes to Bipyridine-Based Metalâ€“Organic Frameworks for Highly Selective Solvent Sensing. Arabian Journal for Science and Engineering, 2020, 45, 167-173.	3.0	2
7	Design and synthesis of two new terbium and europium complexâ€based luminescent probes for the selective detection of zinc ions. Luminescence, 2020, 35, 1238-1247.	2.9	8
8	Single-Crystal-to-Single-Crystal Transformation of Hydrogen-Bonded Triple-Stranded Ladder Coordination Polymer via Photodimerization Reaction. Inorganic Chemistry, 2019, 58, 10167-10173.	4.0	19
9	Detection of Several Homologous MicroRNAs by a Single Smart Probe System Consisting of Linear Nucleic Acid Blockers. Molecules, 2019, 24, 3691.	3.8	3
10	Simple protocol for sequence-specific detection of mixed-base nucleic acids using a smart probe with NABs. Analytical Biochemistry, 2019, 568, 53-56.	2.4	4
11	Design and Characterization of a Singly Labeled Fluorescent Smart Probe for In Vitro Detection of miR-21. Applied Spectroscopy, 2018, 72, 79-88.	2.2	7
12	Asymmetric Reduction of Substituted 2â€Tetralones by Thermoanaerobacter pseudoethanolicus Secondary Alcohol Dehydrogenase. ChemCatChem, 2017, 9, 1487-1493.	3.7	20
13	Macro-Raman spectroscopy for bulk composition and homogeneity analysis of multi-component pharmaceutical powders. Journal of Pharmaceutical and Biomedical Analysis, 2017, 141, 180-191.	2.8	32
14	Raman and photoacoustic infrared spectra of fluorene derivatives: Experiment and calculations. Vibrational Spectroscopy, 2014, 74, 33-46.	2.2	8
15	Silica-coated super paramagnetic iron oxide nanoparticles (SPION) as biocompatible contrast agent in biomedical photoacoustics. Biomedical Optics Express, 2012, 3, 2500.	2.9	107
16	Initial Excited-State Structural Dynamics of Thymine Derivatives. Journal of Physical Chemistry B, 2012, 116, 10496-10503.	2.6	21
17	UV Resonance Raman Investigations of Peptide and Protein Structure and Dynamics. Chemical Reviews, 2012, 112, 2604-2628.	47.7	177
18	Elucidating Peptide and Protein Structure and Dynamics: UV Resonance Raman Spectroscopy. Journal of Physical Chemistry Letters, 2011, 2, 334-344.	4.6	65

#	Article	IF	Citations
19	Initial Excited-State Structural Dynamics of 9-Methyladenine from UV Resonance Raman Spectroscopy. Journal of Physical Chemistry B, 2011, 115, 6149-6156.	2.6	22
20	Self-quenching smart probes as a platform for the detection of sequence-specific UV-induced DNA photodamage. Analytical and Bioanalytical Chemistry, 2010, 397, 2949-2957.	3.7	22
21	The Effect of Tryptophan on UVâ€induced DNA Photodamage. Photochemistry and Photobiology, 2010, 86, 844-851.	2.5	3
22	Initial Excited-state Structural Dynamics of 9-Methyladenine. , 2010, , .		0
23	pH-Dependent UV Resonance Raman Spectra of Cytosine and Uracil. Journal of Physical Chemistry B, 2009, 113, 7392-7397.	2.6	36
24	Ultraviolet resonance Raman spectroscopy as a robust spectroscopic tool for in situ sunscreen analysis. Analytica Chimica Acta, 2008, 628, 57-66.	5.4	12
25	Excited-State Structural Dynamics of Nucleic Acids and Their Components. Challenges and Advances in Computational Chemistry and Physics, 2008, , 237-263.	0.6	6