

Kan Wang

List of Publications by Year in descending order

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14
papers

360
citations

933447

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h-index

1058476

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g-index

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14
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14
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategy for In Situ Imaging of Cellular Alkaline Phosphatase Activity Using Gold Nanoflower Probe and Localized Surface Plasmon Resonance Technique. <i>Analytical Chemistry</i> , 2018, 90, 14056-14062.	6.5	70
2	Quantum wireless multihop communication based on arbitrary Bell pairs and teleportation. <i>Physical Review A</i> , 2014, 89, .	2.5	67
3	In Situ Detection and Imaging of Telomerase Activity in Cancer Cell Lines via Disassembly of Plasmonic Core-Satellites Nanostructured Probe. <i>Analytical Chemistry</i> , 2017, 89, 7262-7268.	6.5	52
4	Investigation of Environmental Pollutant-Induced Lung Inflammation and Injury in a 3D Coculture-Based Microfluidic Pulmonary Alveolus System. <i>Analytical Chemistry</i> , 2020, 92, 7200-7208.	6.5	38
5	Determination of Benzopyrene-Induced Lung Inflammatory and Cytotoxic Injury in a Chemical Gradient-Integrated Microfluidic Bronchial Epithelium System. <i>ACS Sensors</i> , 2018, 3, 2716-2725.	7.8	25
6	Promoting the Electrochemical Performances by Chemical Depositing of Gold Nanoparticles Inside Pores of 3D Nitrogen-Doped Carbon Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31968-31976.	8.0	20
7	Theranostic Nanoprobe Mediated Simultaneous Monitoring and Inhibition of P-Glycoprotein Potentiating Multidrug-Resistant Cancer Therapy. <i>Analytical Chemistry</i> , 2019, 91, 11200-11208.	6.5	19
8	Activatable Fluorescence Imaging and Targeted Drug Delivery via Extracellular Vesicle-Like Porous Coordination Polymer Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 14036-14042.	6.5	16
9	Addendum to "Quantum wireless multihop communication based on arbitrary Bell pairs and teleportation". <i>Physical Review A</i> , 2014, 90, .	2.5	15
10	TiO ₂ -Coated Silica Photonic Crystal Capillaries for Plasmon-Free SERS Analysis. <i>ACS Applied Nano Materials</i> , 2019, 2, 3177-3186.	5.0	15
11	Highly sensitive fluorescent bioassay of 2,3,7,8-tetrachloro-dibenzo-p-dioxin based on abnormal expression of cytochrome P450 1A2 in human cells. <i>Analytica Chimica Acta</i> , 2019, 1046, 179-184.	5.4	10
12	Enhanced Metabolic Activity of Cytochrome P450 via Carbon Nanocage-Based Photochemical Bionanoreactor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41956-41961.	8.0	5
13	Probabilistic Teleportation of Arbitrary Two-Qubit Quantum State via Non-Symmetric Quantum Channel. <i>Entropy</i> , 2018, 20, 238.	2.2	5
14	Quantum Handshake Beacon in Communication System Using Bidirectional Quantum Teleportation. <i>International Journal of Theoretical Physics</i> , 2019, 58, 121-135.	1.2	3