

# Kan Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/956610/publications.pdf>

Version: 2024-02-01

14  
papers

360  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

420  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | TiO <sub>2</sub> -Coated Silica Photonic Crystal Capillaries for Plasmon-Free SERS Analysis. <i>ACS Applied Nano Materials</i> , 2019, 2, 3177-3186.  | 5.0 | 15        |
| 6  | Quantum Handshake Beacon in Communication System Using Bidirectional Quantum Teleportation. <i>International Journal of Theoretical Physics</i> , 2019, 58, 121-135.  | 1.2 | 3         |
| 7  | Enhanced Metabolic Activity of Cytochrome P450 via Carbon Nanocage-Based Photochemical Bionanoreactor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41956-41961.                                     | 8.0 | 5         |
| 8  | 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        |
| 9  | 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        |
| 10 | Probabilistic Teleportation of Arbitrary Two-Qubit Quantum State via Non-Symmetric Quantum Channel. <i>Entropy</i> , 2018, 20, 238.   | 2.2 | 5         |
| 11 | 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        |
| 12 | Promoting the Electrochemical Performances by Chemical Depositing of Gold Nanoparticles Inside Pores of 3D Nitrogen-Doped Carbon Nanocages. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31968-31976. | 8.0 | 20        |
| 13 | Addendum to "Quantum wireless multihop communication based on arbitrary Bell pairs and teleportation". <i>Physical Review A</i> , 2014, 90, .   | 2.5 | 15        |
| 14 | Quantum wireless multihop communication based on arbitrary Bell pairs and teleportation. <i>Physical Review A</i> , 2014, 89, .   | 2.5 | 67        |