

Hyunho Kang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

633
citations

1039406

9
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

1105
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stabilization of Silver and Gold Nanoparticles: Preservation and Improvement of Plasmonic Functionalities. <i>Chemical Reviews</i> , 2019, 119, 664-699. | 23.0 | 380 |
| 2 | Molecular Affinity Agents for Intrinsic Surface-Enhanced Raman Scattering (SERS) Sensors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31825-31844. | 4.0 | 85 |
| 3 | Silica Nanoparticle Dissolution Rate Controls the Suppression of <i>Fusarium Wilt</i> of Watermelon (<i>Citrullus lanatus</i>). <i>Environmental Science & Technology</i> , 2021, 55, 13513-13522. | 4.6 | 52 |
| 4 | Characterization of Magnetic Nanoparticles in Biological Matrices. <i>Analytical Chemistry</i> , 2015, 87, 11611-11619. | 3.2 | 30 |
| 5 | Microstructures and pharmaceutical properties of ferulic acid agglomerates prepared by different spherical crystallization methods. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118914. | 2.6 | 25 |
| 6 | Novel Quasi-Emulsion Solvent Diffusion-Based Spherical Cocrystallization Strategy for Simultaneously Improving the Manufacturability and Dissolution of Indomethacin. <i>Crystal Growth and Design</i> , 2020, 20, 6752-6762. | 1.4 | 23 |
| 7 | Interactions between Silica-Coated Gold Nanorod Substrates and Hydrophobic Analytes in Colloidal Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24685-24697. | 1.5 | 13 |
| 8 | Preparation of Colloidally Stable Positively Charged Hollow Silica Nanoparticles: Effect of Minimizing Hydrolysis on ζ Potentials. <i>Langmuir</i> , 2019, 35, 7985-7994. | 1.6 | 11 |
| 9 | Effect of Silica Supports on Plasmonic Heating of Molecular Adsorbates as Measured by Ultrafast Surface-Enhanced Raman Thermometry. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40577-40584. | 4.0 | 10 |
| 10 | Effect of (3-aminopropyl)triethoxysilane on dissolution of silica nanoparticles synthesized <i>via</i> reverse micro emulsion. <i>Nanoscale</i> , 2022, 14, 9021-9030. | 2.8 | 4 |