

Hung-Chang Chou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5049659/publications.pdf>

Version: 2024-02-01

21
papers

225
citations

933447

10
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

256
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Versatile Synthesis of Thiol- and Amine-Bifunctionalized Silica Nanoparticles Based on the Ouzo Effect. <i>Langmuir</i> , 2014, 30, 7676-7686. | 3.5 | 28 |
| 2 | Direct Formation of <i>S</i> -Nitroso Silica Nanoparticles from a Single Silica Source. <i>Langmuir</i> , 2014, 30, 812-822. | 3.5 | 24 |
| 3 | An efficient S-NO-polysilsesquioxane nano-platform for the co-delivery of nitric oxide and an anticancer drug. <i>Chemical Communications</i> , 2015, 51, 15649-15652. | 4.1 | 24 |
| 4 | Kinetic Modeling of Nitric-Oxide-Associated Reaction Network. <i>Pharmaceutical Research</i> , 2006, 23, 1702-1711. | 3.5 | 23 |
| 5 | From a silane monomer to anisotropic buckled silica nanospheres: a polymer-mediated, solvent-free and one-pot synthesis. <i>Soft Matter</i> , 2017, 13, 5950-5960. | 2.7 | 16 |
| 6 | Nitrosation-modulating effect of ascorbate in a model dynamic system of coexisting nitric oxide and superoxide. <i>Free Radical Research</i> , 2010, 44, 552-562. | 3.3 | 15 |
| 7 | Nitric oxide-releasing S-nitrosothiol-modified silica/chitosan core-shell nanoparticles. <i>Polymer</i> , 2015, 57, 70-76. | 3.8 | 15 |
| 8 | LbL Assembly of Albumin on Nitric Oxide-Releasing Silica Nanoparticles Using Suramin, a Polyanion Drug, as an Interlayer Linker. <i>Biomacromolecules</i> , 2015, 16, 2288-2295. | 5.4 | 15 |
| 9 | Dynamic and biphasic modulation of nitrosation reaction by superoxide dismutases. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 1125-1134. | 2.1 | 12 |
| 10 | Silica Ouzo Effect: Amphiphilic Drugs Facilitate Nanoprecipitation of Polycondensed Mercaptosilanes. <i>Langmuir</i> , 2016, 32, 211-220. | 3.5 | 11 |
| 11 | <i>S</i> -Nitrosothiols (SNO) as light-responsive molecular activators for post-synthesis fluorescence augmentation in fluorophore-loaded nanospheres. <i>Journal of Materials Chemistry B</i> , 2018, 6, 153-164. | 5.8 | 7 |
| 12 | Facile green synthesis of organosilica nanoparticles by a generic salt route. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 634-645. | 9.4 | 7 |
| 13 | Versatile composite hydrogels for drug delivery and beyond. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8830-8837. | 5.8 | 7 |
| 14 | Comparative kinetics of thiol oxidation in two distinct free-radical generating systems: SIN-1 versus AAPH. <i>Free Radical Research</i> , 2012, 46, 1190-1200. | 3.3 | 5 |
| 15 | Organosilica colloids as nitric oxide carriers: Pharmacokinetics and biocompatibility. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112136. | 5.0 | 4 |
| 16 | Formation of organosilica nanoparticles with dual functional groups and simultaneous payload entrapment. <i>Journal of Microencapsulation</i> , 2018, 35, 381-391. | 2.8 | 3 |
| 17 | Turning proteins into hydrophobic floatable materials with multiple potential applications. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 166-176. | 9.4 | 3 |
| 18 | Kinetics of fluoride-catalysed synthesis of organosilica colloids in aqueous solutions of amphiphiles. <i>RSC Advances</i> , 2019, 9, 28028-28037. | 3.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Stable Encapsulation of Methylene Blue in Polysulfide Organosilica Colloids for Fluorescent Tracking of Nanoparticle Uptake in Cells. ACS Omega, 2021, 6, 32109-32119. | 3.5 | 2 |
| 20 | Solvent-mediated browning of proteins and amino acids. Biochemical and Biophysical Research Communications, 2021, 536, 67-72. | 2.1 | 1 |
| 21 | Co-delivery of nitric oxide and camptothecin using organic-inorganic composite colloidal particles for enhanced anticancer activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127740. | 4.7 | 1 |