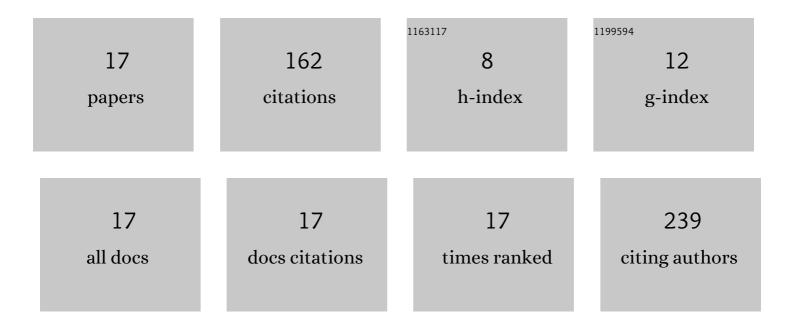
Kanako Watanabe

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8169399/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Yolk/Shell Colloidal Crystals Incorporating Movable Cores with Their Motion Controlled by an External Electric Field. Langmuir, 2017, 33, 296-302.	3.5	18
2	Observation of Undamped 3D Brownian Motion of Nanoparticles Using Liquidâ€Cell Scanning Transmission Electron Microscopy. Particle and Particle Systems Characterization, 2020, 37, 2000003.	2.3	18
3	Compartmentalization of gold nanoparticle clusters in hollow silica spheres and their assembly induced by an external electric field. Journal of Colloid and Interface Science, 2020, 566, 202-210.	9.4	15
4	Magnetic Field Aligned Assembly of Nonmagnetic Composite Dumbbells in Nanoparticle-Based Aqueous Ferrofluid. Langmuir, 2015, 31, 5590-5595.	3.5	13
5	Depletion-interaction-driven assembly of golf ball-like particles for development of colloidal macromolecules. Journal of Colloid and Interface Science, 2019, 534, 81-87.	9.4	13
6	Rattle-Type Colloidal Crystals Composed of Spherical Hollow Particles Containing an Anisotropic, Movable Core. Langmuir, 2015, 31, 5306-5310.	3.5	12
7	The plasmonic properties of gold nanoparticle clusters formed <i>via</i> applying an AC electric field. Soft Matter, 2018, 14, 3372-3377.	2.7	12
8	External-Stimuli-Assisted Control over Assemblies of Plasmonic Metals. Materials, 2018, 11, 794.	2.9	11
9	Polymer-coating of photocatalytic particles to prevent sintering in their calcination process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 599, 124782.	4.7	8
10	Pore expanding effect of hydrophobic agent on 100 nm-sized mesoporous silica particles estimated based on Hansen solubility parameters. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 609, 125647.	4.7	7
11	Tunability of Interactions between the Core and Shell in Rattle-Type Particles Studied with Liquid-Cell Electron Microscopy. ACS Nano, 2021, 15, 11137-11149.	14.6	7
12	Double-Inverse-Opal-Structured Particle Assembly as a Novel Immobilized Photocatalytic Material. Materials, 2021, 14, 28.	2.9	7
13	Three-dimensional periodic structures of gold nanoclusters in the interstices of sub-100†nm polymer particles toward surface-enhanced Raman scattering. Advanced Powder Technology, 2019, 30, 2957-2963.	4.1	6
14	Polyethylenimine-assisted synthesis of hollow silica spheres without shape deformation. Materials Chemistry and Physics, 2021, 262, 124267.	4.0	6
15	A reinforced, high-κ ternary polymer nanocomposite dielectrics of PVDF, barium titanate nanoparticles, and TEMPO-oxidized cellulose nanofibers. Composites Part C: Open Access, 2021, 5, 100163.	3.2	6
16	Correlation of Secondary Particle Number with the Debye–Hückel Parameter for Thickening Mesoporous Silica Shells Formed on Spherical Cores. ACS Omega, 2021, 6, 17734-17740.	3.5	2
17	Multipoint Lock-and-Key Assembly of Particles with Anisotropic Dents toward Modeling Rigid Macromolecules in a Colloidal Scale. Langmuir, 2021, 37, 9451-9456.	3.5	1