

Ganesan Paramasivam

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Camouflaging Structural Diversity: Co-crystallization of Two Different Nanoparticles Having Different Cores But the Same Shell. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 189-194.	13.8	80
2	Confining an Ag ₁₀ Core in an Ag ₁₂ Shell: A Four-Electron Superatom with Enhanced Photoluminescence upon Crystallization. <i>ACS Nano</i> , 2019, 13, 5753-5759.	14.6	70
3	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6522-6526.	13.8	57
4	Fullerene-Functionalized Monolayer-Protected Silver Clusters: [Ag ₂₉ (BDT) ₁₂ (C ₆₀) _n] ³⁺ (n = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40) <i>Journal of Physical Chemistry C</i> , 2020, 124, 22298-22303.	3.1	29
5	Intercluster Reactions Resulting in Silver-Rich Trimetallic Nanoclusters. <i>Chemistry of Materials</i> , 2020, 32, 611-619.	6.7	43
6	Isomerism in Supramolecular Adducts of Atomically Precise Nanoparticles. <i>Journal of the American Chemical Society</i> , 2018, 140, 13590-13593.	13.7	40
7	Light-Activated Intercluster Conversion of an Atomically Precise Silver Nanocluster. <i>ACS Nano</i> , 2021, 15, 15781-15793.	14.6	35
8	Interparticle Reactions between Silver Nanoclusters Leading to Product Cocrystals by Selective Cocrystallization. <i>ACS Nano</i> , 2019, 13, 13365-13373.	14.6	31
9	Understanding proton capture and cation-induced dimerization of [Ag ₂₉ (BDT) ₁₂] ³⁺ clusters by ion mobility mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7593-7603.	2.8	29
10	Atomically Precise Noble Metal Cluster-Assembled Superstructures in Water: Luminescence Enhancement and Sensing. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22298-22303.	3.1	29
11	Detection of Hydrocarbons by Laser Assisted Paper Spray Ionization Mass Spectrometry (LAPSI MS). <i>Analytical Chemistry</i> , 2018, 90, 4663-4668.	6.5	25
12	Rapid isotopic exchange in nanoparticles. <i>Science Advances</i> , 2019, 5, eaau7555.	10.3	21
13	Molecular Engineering of Atomically Precise Silver Clusters into 2D and 3D Framework Solids. <i>Chemistry of Materials</i> , 2022, 34, 4703-4711.	6.7	18
14	A covalently linked dimer of [Ag ₂₅ (DMBT) ₁₈] ⁺ . <i>Chemical Communications</i> , 2019, 55, 5025-5028.	4.1	17
15	Detection of [Au ₂₅ (PET) ₁₈ (O ₂) _n] ⁺ (n = 1, 2, 3) Species by Mass Spectrometry. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19455-19462.	3.1	16
16	Fullerene-Mediated Aggregation of M ₂₅ (SR) ₁₈ ⁺ (M = Ag, Au) Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14891-14900.	3.1	13
17	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. <i>Angewandte Chemie</i> , 2018, 130, 6632-6636.	2.0	10
18	Camouflaging Structural Diversity: Co-crystallization of Two Different Nanoparticles Having Different Cores But the Same Shell. <i>Angewandte Chemie</i> , 2019, 131, 195-200.	2.0	9

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19	Dithiol-Induced Contraction in Ag ₁₄ Clusters and Its Manifestation in Electronic Structures. Journal of Physical Chemistry C, 2020, 124, 23426-23432.	3.1	8
20	Mechanistic Elucidation of the Structure and Reactivity of Bare and Hydride-Protected Ag ₁₇ ⁺ Clusters. Journal of Physical Chemistry C, 2019, 123, 28494-28501.	3.1	7
21	Toward Vibrational Tomography of Citrate on Dynamically Changing Individual Silver Nanoparticles. Journal of Physical Chemistry C, 2021, 125, 3553-3566.	3.1	7
22	Interference of Phosphate in Adsorption of Arsenate and Arsenite over Confined Metastable Two-Line Ferrihydrite and Magnetite. Journal of Physical Chemistry C, 2021, 125, 22502-22512.	3.1	7
23	Reaction between Ag ₁₇ ⁺ and acetylene outside the mass spectrometer: dehydrogenation in the gas phase. Chemical Communications, 2020, 56, 15623-15626.	4.1	6
24	Carboranethiol-Protected Propeller-Shaped Photoresponsive Silver Nanomolecule. Inorganic Chemistry, 2022, 61, 8593-8603.	4.0	4
25	Gas phase ion chemistry of titanium ⁺ oxofullerene with ligated solvents. Physical Chemistry Chemical Physics, 2022, 24, 2332-2343.	2.8	2