

# Kyoungweon Park

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1470536/publications.pdf>

Version: 2024-02-01

32  
papers

2,511  
citations

279798

23  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4719  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon-Mediated Chiroptical Second Harmonic Generation from Seemingly Achiral Gold Nanorods. ACS Nanoscience Au, 2022, 2, 32-39.	4.8	8
2	Towards maximum optical efficiency of ensembles of colloidal nanorods. Optics Express, 2022, 30, 25061.	3.4	6
3	Tuning Hierarchical Order and Plasmonic Coupling of Large-Area, Polymer-Grafted Gold Nanorod Assemblies via Flow-Coating. ACS Applied Materials & Interfaces, 2021, 13, 27445-27457.	8.0	5
4	Coexistence and Phase Behavior of Solvent-Graded Polystyrene-Grafted Gold Nanoparticle Systems. Macromolecules, 2021, 54, 10435-10446.	4.8	4
5	Resolving Electron-Scattering in Plasmonic Nanorod Ensembles Using Two-Dimensional Electronic Spectroscopy. Nano Letters, 2020, 20, 7722-7727.	9.1	10
6	Toward an Alkahest Canopy for Gold Nanorod Stability in Water and Organic Solvents. Journal of Physical Chemistry C, 2020, 124, 11730-11739.	3.1	4
7	Dynamic Plasmonic Pixels. ACS Nano, 2019, 13, 3875-3883.	14.6	68
8	Low-energy, nanoparticle reshaping for large-area, patterned, plasmonic nanocomposites. Journal of Materials Chemistry C, 2018, 6, 7157-7169.	5.5	7
9	Highly Concentrated Seed-Mediated Synthesis of Monodispersed Gold Nanorods. ACS Applied Materials & Interfaces, 2017, 9, 26363-26371.	8.0	56
10	Optimizing Seed Aging for Single Crystal Gold Nanorod Growth: The Critical Role of Gold Nanocluster Crystal Structure. Journal of Physical Chemistry C, 2016, 120, 28235-28245.	3.1	24
11	Preparation of Ordered Monolayers of Polymer Grafted Nanoparticles: Impact of Architecture, Concentration, and Substrate Surface Energy. Macromolecules, 2016, 49, 1834-1847.	4.8	33
12	Plasmon Dephasing in Gold Nanorods Studied Using Single-Nanoparticle Interferometric Nonlinear Optical Microscopy. Journal of Physical Chemistry C, 2016, 120, 4071-4079.	3.1	30
13	Mechanism for Liquid Phase Exfoliation of MoS <sub>2</sub> . Chemistry of Materials, 2016, 28, 337-348.	6.7	340
14	Engineering the Optical Properties of Gold Nanorods: Independent Tuning of Surface Plasmon Energy, Extinction Coefficient, and Scattering Cross Section. Journal of Physical Chemistry C, 2014, 118, 5918-5926.	3.1	80
15	Time-Dependent Susceptibility of the Growth of Gold Nanorods to the Addition of a Cosurfactant. Chemistry of Materials, 2013, 25, 4772-4780.	6.7	36
16	Plasmon-Induced Transparency in the Visible Region via Self-Assembled Gold Nanorod Heterodimers. Nano Letters, 2013, 13, 6287-6291.	9.1	101
17	Large Scale Solution Assembly of Quantum Dot-Gold Nanorod Architectures with Plasmon Enhanced Fluorescence. ACS Nano, 2013, 7, 9064-9074.	14.6	91
18	Growth Mechanism of Gold Nanorods. Chemistry of Materials, 2013, 25, 555-563.	6.7	186

#	ARTICLE	IF	CITATIONS
19	Orientation Sensing with Color Using Plasmonic Gold Nanorods and Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2568-2574.	4.6	30
20	Control over Position, Orientation, and Spacing of Arrays of Gold Nanorods Using Chemically Nanopatterned Surfaces and Tailored Particle–Particle–Surface Interactions. <i>ACS Nano</i> , 2012, 6, 5693-5701.	14.6	126
21	In Situ UV/Vis, SAXS, and TEM Study of Single-Phase Gold Nanoparticle Growth. <i>Chemistry of Materials</i> , 2012, 24, 981-995.	6.7	69
22	Does Shape Matter? Bioeffects of Gold Nanomaterials in a Human Skin Cell Model. <i>Langmuir</i> , 2012, 28, 3248-3258.	3.5	112
23	High-Yield Assembly of Soluble and Stable Gold Nanorod Pairs for High-Temperature Plasmonics. <i>Small</i> , 2012, 8, 1013-1020.	10.0	56
24	Low-Temperature Solution-Processed Molybdenum Oxide Nanoparticle Hole Transport Layers for Organic Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2012, 2, 1193-1197.	19.5	82
25	Computational Prediction of Molecular Photoresponse upon Proximity to Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2011, 115, 13961-13967.	3.1	13
26	Ag shell morphology on Au nanorod core: role of Ag precursor complex. <i>Journal of Materials Chemistry</i> , 2011, 21, 15608.	6.7	69
27	Depletion-Induced Shape and Size Selection of Gold Nanoparticles. <i>Nano Letters</i> , 2010, 10, 1433-1439.	9.1	243
28	Colloidal dispersion of gold nanorods: Historical background, optical properties, seed-mediated synthesis, shape separation and self-assembly. <i>Materials Science and Engineering Reports</i> , 2009, 65, 1-38.	31.8	294
29	Optical Properties of Rodlike Metallic Nanostructures: Insight from Theory and Experiment. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15524-15532.	3.1	47
30	Shape separation of gold nanorods using centrifugation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4981-4985.	7.1	179
31	Synthesis of Complex Au/Ag Nanorods by Controlled Overgrowth. <i>Advanced Materials</i> , 2008, 20, 3882-3886.	21.0	74
32	Asymmetrically Charged Carbon Nanotubes by Controlled Functionalization. <i>ACS Nano</i> , 2008, 2, 1833-1840.	14.6	28