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Convective assembly of linear gold nanoparticle arrays at the micron scale for surface enhanced Raman scattering

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#	Paper	IF	Citations
33	Convective assembly of linear gold nanoparticle arrays at the micron scale for surface enhanced Raman scattering. <i>Nano Research</i> , 2011 , 4, 1117-1128	10	33
32	Microarrays of gold nanoparticle clusters fabricated by Stop&Go convective self-assembly for SERS-based sensor chips. <i>Nanoscale</i> , 2012 , 4, 7870-7	7.7	23
31	GaN-based platforms with Au-Ag alloyed metal layer for surface enhanced Raman scattering. <i>Journal of Applied Physics</i> , 2012 , 112, 114327	2.5	11
30	Plasmon Enhanced Raman from Ag Nanopatterns Made Using Periodically Poled Lithium Niobate and Periodically Proton Exchanged Template Methods. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 26543-26550	3.8	45
29	Nanoscale convection assisted self-assembly of nanoparticle monolayer. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4932		10
28	Surface enhanced luminescence and Raman scattering from ferroelectrically defined Ag nanopatterned arrays. <i>Applied Physics Letters</i> , 2013 , 103, 083105	3.4	30
27	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013 , 6, 159-166	10	63
26	Ordered nanocap array composed of SiO ₂ -isolated Ag islands as SERS platform. <i>Langmuir</i> , 2014 , 30, 15285-91	4.9	35
25	Electrical conduction of nanoparticle monolayer for accurate tracking of mechanical stimulus in finger touch sensing. <i>Nanoscale</i> , 2014 , 6, 13809-16	7.7	12
24	A disordered silver nanowires membrane for extraction and surface-enhanced Raman spectroscopy detection. <i>Analyst, The</i> , 2014 , 139, 2525-30	5	39
23	Direct Writing of Metallic Nanoparticle Concentric Multi-Ring Structures by Template-Directed Convective Self-Assembly Processes. <i>Advanced Optical Materials</i> , 2014 , 2, 632-635	8.1	8
22	Comparative study of the self-assembly of gold and silver nanoparticles onto thiophene oil. <i>Langmuir</i> , 2014 , 30, 11520-7	4	18
21	Closely packed nanoparticle monolayer as a strain gauge fabricated by convective assembly at a confined angle. <i>Nano Research</i> , 2014 , 7, 824-834	10	19
20	Multiscale electromagnetic SERS enhancement on self-assembled micropatterned gold nanoparticle films. <i>Journal of Raman Spectroscopy</i> , 2014 , 45, 627-635	2.3	11
19	Electromagnetic Enhancement in Shell-Isolated Nanoparticle-Enhanced Raman Scattering from Gold Flat Surfaces. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 5246-5251	3.8	33
18	Nanoporous Alumina. <i>Springer Series in Materials Science</i> , 2015 ,	0.9	33
17	Protein and DNA Electrochemical Sensing Using Anodized Aluminum Oxide Nanochannel Arrays. <i>Springer Series in Materials Science</i> , 2015 , 271-291	0.9	2

16	Improving surface enhanced Raman signal reproducibility using gold-coated silver nanospheres encapsulated in silica membranes. <i>Journal of Optics (United Kingdom)</i> , 2015 , 17, 114017	1.7	12
15	Large scale preparation of surface enhanced Raman spectroscopy substrates based on silver nanowires for trace chemical detection. <i>Analytical Methods</i> , 2015 , 7, 10359-10363	3.2	5
14	Nanoparticles-based nanochannels assembled on a plastic flexible substrate for label-free immunosensing. <i>Nano Research</i> , 2015 , 8, 1180-1188	10	25
13	Topography-specific isotropic tunneling in nanoparticle monolayer with sub-nm scale crevices. <i>Nanotechnology</i> , 2016 , 27, 405701	3.4	3
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10	Nanochannels for electrical biosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 79, 134-150	14.6	30
9	Tunable Electromagnetic Enhancement of Gold Nanoparticle Arrays. <i>Australian Journal of Chemistry</i> , 2017 , 70, 917	1.2	
8	Functionalized periodic Au@MOFs nanoparticle arrays as biosensors for dual-channel detection through the complementary effect of SPR and diffraction peaks. <i>Nano Research</i> , 2017 , 10, 2257-2270	10	29
7	Simultaneous red-green-blue electroluminescent enhancement directed by surface plasmonic far-field of facile gold nanospheres. <i>Nano Research</i> , 2018 , 11, 151-162	10	14
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2	Unclonable Anti-Counterfeiting Labels Based on Plasmonic-Patterned Nanostructures. <i>Advanced Engineering Materials</i> , 2101701	3.5	3
1	Changed pattern of SERS hotspots by Ag nanoparticle growth under magnetic field for biomarker detection. <i>Journal of Materials Science</i> , 2022 , 57, 6943-6952	4.3	