

# Honghua

## List of Publications by Year in descending order

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14  
papers

760  
citations

840585

11  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Gold: Plasmonic Colloidosomes with Broadband Absorption Self-Assembled from Monodispersed Gold Nanospheres by Using a Reverse Emulsion System. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9596-9600.	7.2	189
2	Physical Deposition Improved SERS Stability of Morphology Controlled Periodic Micro/Nanostructured Arrays Based on Colloidal Templates. <i>Small</i> , 2015, 11, 844-853.	5.2	138
3	Rapid Synthesis of Monodisperse Au Nanospheres through a Laser Irradiation-Induced Shape Conversion, Self-Assembly and Their Electromagnetic Coupling SERS Enhancement. <i>Scientific Reports</i> , 2015, 5, 7686.	1.6	114
4	Spherical Nanoparticle Arrays with Tunable Nanogaps and Their Hydrophobicity Enhanced Rapid SERS Detection by Localized Concentration of Droplet Evaporation. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500031.	1.9	78
5	Copper nanoparticle@graphene composite arrays and their enhanced catalytic performance. <i>Acta Materialia</i> , 2016, 105, 59-67.	3.8	62
6	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.	5.8	44
7	Optical sensor based on hydrogel films with 2D colloidal arrays attached on both the surfaces: anti-curling performance and enhanced optical diffraction intensity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3659-3665.	2.7	40
8	Dynamically Tunable Plasmonic Band for Reversible Colorimetric Sensors and Surface-Enhanced Raman Scattering Effect with Good Sensitivity and Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7494-7503.	4.0	22
9	Physical process-aided fabrication of periodic Au <sup>n</sup> M (M = Ag, Cu, Ag <sup>n</sup> Cu) alloyed nanoparticle arrays with tunable localized surface plasmon resonance and diffraction peaks. <i>RSC Advances</i> , 2018, 8, 9134-9140.	1.7	18
10	Wafer-Scale Hierarchical Nanopillar Arrays Based on Au Masks and Reactive Ion Etching for Effective 3D SERS Substrate. <i>Materials</i> , 2018, 11, 239.	1.3	13
11	2D Au Nanosphere Arrays/PVA-PBA-Modified-Hydrogel Composite Film for Glucose Detection with Strong Diffraction Intensity and Linear Response. <i>Nanomaterials</i> , 2019, 9, 140.	1.9	12
12	Effective SERS-active substrates composed of hierarchical micro/nanostructured arrays based on reactive ion etching and colloidal masks. <i>Nanotechnology</i> , 2016, 27, 395304.	1.3	11
13	3- <i>N</i> -Acrylamidophenylboronic Acid-Modified Hydrogel Film Attached to a Gold Nanosphere Array to Detect Hydrofluoric Acid with Good Selectivity and Recyclability. <i>ChemNanoMat</i> , 2018, 4, 165-169.	1.5	6
14	Highly efficient production of ordered wafer-scale gold nanoparticle arrays film by simple heat treatment based on colloidal monolayer. <i>International Journal of Modern Physics B</i> , 2018, 32, 1850192.	1.0	2