

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46 papers	3,177 citations	22 h-index	47 g-index
47 ext. papers	3,495 ext. citations	7.6 avg, IF	5.27 L-index

#	Paper	IF	Citations
46	Different sized luminescent gold nanoparticles. <i>Nanoscale</i> , 2012 , 4, 4073-83	7.7	493
45	Passive tumor targeting of renal-clearable luminescent gold nanoparticles: long tumor retention and fast normal tissue clearance. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4978-81	16.4	460
44	Luminescent gold nanoparticles with efficient renal clearance. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3168-72	16.4	348
43	Luminescent Gold Nanoparticles with Mixed Valence States Generated from Dissociation of Polymeric Au (I) Thiolates. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 7727-7732	3.8	253
42	Renal clearable inorganic nanoparticles: a new frontier of bionanotechnology. <i>Materials Today</i> , 2013 , 16, 477-486	21.8	228
41	PEGylation and zwitterionization: pros and cons in the renal clearance and tumor targeting of near-IR-emitting gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12572-6	16.4	203
40	Luminescent gold nanoparticles with pH-dependent membrane adsorption. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11014-7	16.4	166
39	Near-infrared emitting radioactive gold nanoparticles with molecular pharmacokinetics. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10118-22	16.4	155
38	Luminescent Gold Nanoparticles with Efficient Renal Clearance. <i>Angewandte Chemie</i> , 2011 , 123, 3226-3230	16.4	90
37	Renal clearance and degradation of glutathione-coated copper nanoparticles. <i>Bioconjugate Chemistry</i> , 2015 , 26, 511-9	6.3	64
36	PEGylation and Zwitterionization: Pros and Cons in the Renal Clearance and Tumor Targeting of Near-IR-Emitting Gold Nanoparticles. <i>Angewandte Chemie</i> , 2013 , 125, 12804-12808	3.6	62
35	Photoluminescent carbon nanoparticles produced by confined combustion of aromatic compounds. <i>Carbon</i> , 2012 , 50, 1298-1302	10.4	57
34	Single Ag Nanoparticle Spectroelectrochemistry via Dark-Field Scattering and Fluorescence Microscopies. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6760-6768	3.8	46
33	Near-Infrared Emitting Radioactive Gold Nanoparticles with Molecular Pharmacokinetics. <i>Angewandte Chemie</i> , 2012 , 124, 10265-10269	3.6	45
32	Grain size effects in polycrystalline gold nanoparticles. <i>Nanoscale</i> , 2012 , 4, 4228-33	7.7	43
31	Interactions of Renal-Clearable Gold Nanoparticles with Tumor Microenvironments: Vasculature and Acidity Effects. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4314-4319	16.4	42
30	Glutathione-coated luminescent gold nanoparticles: a surface ligand for minimizing serum protein adsorption. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11829-33	9.5	41

29	Luminescent gold nanoparticles: a new class of nanoprobe for biomedical imaging. <i>Experimental Biology and Medicine</i> , 2013 , 238, 1199-209	3.7	33
28	A europium(III)-based PARACEST agent for sensing singlet oxygen by MRI. <i>Dalton Transactions</i> , 2013 , 42, 8066-9	4.3	31
27	One-step interfacial synthesis and assembly of ultrathin luminescent AuNPs/silica membranes. <i>Advanced Materials</i> , 2012 , 24, 3218-22	24	29
26	Synthesis and Characterization of Telluride Aerogels: Effect of Gelation on Thermoelectric Performance of Bi ₂ Te ₃ and Bi ₂ Sb ₂ Te ₃ Nanostructures. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 17431-17439	3.8	27
25	In-situ hydrothermal fabrication of CdS/g-C ₃ N ₄ nanocomposites for enhanced photocatalytic water splitting. <i>Materials Letters</i> , 2019 , 240, 128-131	3.3	27
24	Ternary noble-metal-free heterostructured NiS ₂ /CuS ₂ /g-C ₃ N ₄ with near-infrared response for enhanced photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 4084-4094	6.7	21
23	Gold nanoparticles-biomembrane interactions: From fundamental to simulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111312	6	21
22	Microwave-assisted synthesis of AuNPs/CdS composite nanorods for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Science</i> , 2019 , 54, 6930-6942	4.3	20
21	Engineering trace AuNPs on monodispersed carbonized organosilica microspheres drives highly efficient and low-cost solar water purification. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 13311-13319	13	20
20	Structurally Ordered 3N ₄ /GO Membranes toward Solar-Driven Freshwater Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 4362-4370	8.3	18
19	Synthesis of five-membered osmacycloallenes and conversion into six-membered osmacycloallenes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13361-4	16.4	16
18	Effect of Hydrophobicity on Nano-Bio Interactions of Zwitterionic Luminescent Gold Nanoparticles at the Cellular Level. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1841-1846	6.3	15
17	Interactions of Renal-Clearable Gold Nanoparticles with Tumor Microenvironments: Vasculature and Acidity Effects. <i>Angewandte Chemie</i> , 2017 , 129, 4378-4383	3.6	13
16	Visible light-driven the splitting of ethanol into hydrogen and acetaldehyde catalyzed by fibrous AgNPs/CdS hybrids at room temperature. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 102, 182-189	5.3	12
15	Glutathione-triggered luminescent silver nanoparticle: A urinary clearable nanoparticle for potential clinical practice. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 751-755	6	12
14	One-step synthesis of hierarchical AuNPs/Cd _{0.5} Zn _{0.5} S nanoarchitectures and their application as an efficient photocatalyst for hydrogen production. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 72, 338-345	6.3	12
13	Synergistic Effect of Dual Particle-Size AuNPs on TiO ₂ for Efficient Photocatalytic Hydrogen Evolution. <i>Nanomaterials</i> , 2019 , 9,	5.4	11
12	A new Ni-diaminoglyoxime-g-CN complex towards efficient photocatalytic ethanol splitting via a ligand-to-metal charge transfer (LMCT) mechanism. <i>Chemical Communications</i> , 2020 , 56, 7171-7174	5.8	9

- 11 Glutathione-Mediated Cu(I)/Cu(II) Complexes: Valence-Dependent Effects on Clearance and In Vivo Imaging Application. *Nanomaterials*, **2017**, 7, 5-4 8
- 10 Luminescent gold nanoparticles as dual-modality sensors for selective copper (II) ion detection. *Materials Letters*, **2018**, 232, 70-73 3-3 7
- 9 Synthesis of gold nanoclusters: a fluorescent marker for water-soluble TiO₂ nanotubes. *Nanotechnology*, **2011**, 22, 065601 3-4 4
- 8 Surface-chemistry effect on cellular response of luminescent plasmonic silver nanoparticles. *Bioconjugate Chemistry*, **2014**, 25, 453-9 6-3 3
- 7 Renal Clearable Gold Nanoparticle-Functionalized Silk Film for Fluorescent Temperature Mapping. *Frontiers in Chemistry*, **2020**, 8, 364 5 3
- 6 Resonance zones and quasi-linear diffusion coefficients for radiation belt energetic electron interaction with oblique chorus waves in the Dungey magnetosphere. *Physics of Plasmas*, **2012**, 19, 072904 2-1 2
- 5 Decomposition of Amino Acids Catalyzed by Plasmonic Gold Nanoparticles. *Science of Advanced Materials*, **2012**, 4, 813-818 2-3 2
- 4 Combination of Photothermal Conversion and Photocatalysis toward Water Purification. *Industrial & Engineering Chemistry Research*, **2022**, 61, 4579-4587 3-9 2
- 3 Photoinitiated Interfacial Thiol-ene Click Chemistry for the Synthesis of Luminescent Hollow Polymer Colloids by Synchronously Anchoring CdTe Nanocrystals. *Chemistry Letters*, **2018**, 47, 1194-1196 1-7 1
- 2 Renal-Clearable Dye-Conjugated Silver Nanoparticles for in Vivo Plasma Biothiol Sensing Through Urinalysis. *Sensors and Actuators B: Chemical*, **2022**, 131908 8-5 1
- 1 Hydrogen Generation from Photoelectrochemical Water Splitting **2018**, 121-157