Hui Xu

List of Publications by Year
in descending order

28	671	759055 12	580701 25
papers	citations	h-index	g-index

30	30	30	1132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoscale optical probes for cellular imaging. Chemical Society Reviews, 2014, 43, 2650.	18.7	179
2	A general route to nanocrystal kebabs periodically assembled on stretched flexible polymer shish. Science Advances, 2015, 1, e1500025.	4.7	69
3	An Unconventional Route to Monodisperse and Intimately Contacted Semiconducting Organicâ€“Inorganic Nanocomposites. Angewandte Chemie - International Edition, 2015, 54, 4636-4640.	7.2	54
4	Nine-Membered Osmacycles Derived from Metathesis Reactions between Alkynes and an Osmafuran. Organometallics, 2009, 28, 1524-1533.	1.1	46
5	Unimolecular micelles composed of inner coil-like blocks and outer rod-like blocks crafted by combination of living polymerization with click chemistry. Polymer Chemistry, 2014, 5, 2747-2755.	1.9	34
6	Polyacrylic Acid Grafted Carbon Nanotubes for Immobilization of Lead(II) in Perovskite Solar Cell. ACS Energy Letters, 2022, 7, 1577-1585.	8.8	33
7	Controllable synthesis of sea urchin-like gold nanoparticles and their optical characteristics. Applied Surface Science, 2019, 498, 143864.	3.1	26
8	Electrospun polymeric nanofiber decorated with sea urchin-like gold nanoparticles as an efficient and stable SERS platform. Journal of Colloid and Interface Science, 2021, 590, 125-133.	5.0	24
9	Immobilization of Gold Nanoparticles on Poly(4-vinylpyridine)-Grafted Carbon Nanotubes as Heterogeneous Catalysts for Hydrogenation of 4-Nitrophenol. ACS Applied Nano Materials, 2020, 3, 12169-12177.	2.4	21
10	Câ^'H Bond Activation and Subsequent C(sp2)â^'C(sp3) Bond Formation: Coupling of Bromomethyl and Triphenylphosphine in an Iridium Complex. Organometallics, 2010, 29, 2904-2910.	1.1	17
11	A Mild CO₂ Etching Method To Tailor the Pore Structure of Platinum-Free Oxygen Reduction Catalysts in Proton Exchange Membrane Fuel Cells. ACS Applied Materials & Interfaces, 2021, 13, 45661-45669.	4.0	17
12	Hairy silica nanosphere supported metal nanoparticles for reductive degradation of dye pollutants. Nanoscale Advances, 2021, 3, 2879-2886.	2.2	13
13	Thickness Dependence of Carrier Mobility and the Interface Trap Free Energy Investigated by Impedance Spectroscopy in Organic Semiconductors. Journal of Physical Chemistry C, 2016, 120, 17184-17189.	1.5	12
14	Singleâ€Sided Competitive Axial Coordination of Gâ€Quadruplex/Hemin as Molecular Switch for Imaging Intracellular Nitric Oxide. Chemistry - A European Journal, 2019, 25, 490-494.	1.7	12
15	A Facile and Highly Efficient Route to Amphiphilic Starâ€Like Rodâ€Coil Block Copolymer via a Combination of Atom Transfer Radical Polymerization with Thiolâ€“Ene Click Chemistry. Macromolecular Rapid Communications, 2020, 41, e1900540.	2.0	11
16	Ultrafine palladium nanoparticles supported on poly(4-vinylpyridine)-grafted carbon nanotubes as heterogeneous catalysts for cross-coupling reaction between organoindium halide and alkyl iodide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127215.	2.3	11
17	Direct electrochemistry of silver nanoparticles-decorated metal-organic frameworks for telomerase activity sensing via allosteric activation of an aptamer hairpin. Analytica Chimica Acta, 2021, 1184, 339036.	2.6	11
18	Covalent interactions between carbon nanotubes and P3HT by thiolâ€“ene click chemistry towards improved thermoelectric performance. Materials Chemistry Frontiers, 2020, 4, 1174-1181.	3.2	10

#	Article	IF	Citations
19	Ultrafine and Highly Dispersed PtRu Alloy on Polyacrylic Acid-Grafted Carbon Nanotube@Tin Oxide Core/Shell Composites for Direct Methanol Fuel Cells. ACS Applied Energy Materials, 2022, 5, 4179-4190.	2.5	10
20	Impact of Pore Structure on Twoâ€Electron Oxygen Reduction Reaction in Nitrogenâ€Doped Carbon Materials: Rotating Ringâ€Disk Electrode vs. Flow Cell. ChemSusChem, 2022, 15, e202102587.	3.6	9
21	Nature of Defect States within Amorphous NPB Investigated through Drive-Level Capacitance Profiling. Journal of Physical Chemistry C, 2019, 123, 165-174.	1.5	8
22	Sequential Construction Strategy for Rational Design of Luminescent Iridacycles. Organometallics, 2015, 34, 4229-4237.	1.1	7
23	Directional self-assembly of gold nanorods into 1D and 2D arrays by quadruple hydrogen bonding. Materials Chemistry Frontiers, 2019, 3, 1888-1891.	3.2	7
24	Water-Soluble Fluorescent Nanobowls Constructed by Multiple Supramolecular Assembly. Macromolecules, 2020, 53, 10613-10622.	2.2	7
25	Graphene-based hydrogel with embedded gold nanoparticles as a recyclable catalyst for the degradation of 4-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 640, 128410.	2.3	5
26	Star-like polymer click-functionalized with small capping molecules: an initial investigation into properties and improving solubility in liquid crystals. RSC Advances, 2014, 4, 50212-50219.	1.7	3
27	From Intrinsic Bipolar Transport to the Abnormal Curves of Mobilityâ€“E^{1/2} in the Common Hole-Transporting Materials. Journal of Physical Chemistry C, 2019, 123, 18264-18269.	1.5	2
28	InnenrÃ¼cktitelbild: An Unconventional Route to Monodisperse and Intimately Contacted Semiconducting Organic-Inorganic Nanocomposites (Angew. Chem. 15/2015). Angewandte Chemie, 2015, 127, 4761-4761.	1.6	0