

In Su Lee

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122
papers

5,665
citations

37
h-index

73
g-index

139
ext. papers

6,067
ext. citations

8.8
avg, IF

5.58
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 122 | Development of a T1 contrast agent for magnetic resonance imaging using MnO nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5397-401 | 16.4 | 505 |
| 121 | Designed fabrication of multifunctional magnetic gold nanoshells and their application to magnetic resonance imaging and photothermal therapy. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7754-8 | 16.4 | 453 |
| 120 | Hollow manganese oxide nanoparticles as multifunctional agents for magnetic resonance imaging and drug delivery. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 321-4 | 16.4 | 420 |
| 119 | Ni/NiO core/shell nanoparticles for selective binding and magnetic separation of histidine-tagged proteins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10658-9 | 16.4 | 393 |
| 118 | Magnetically recyclable nanocatalyst systems for the organic reactions. <i>Nano Today</i> , 2010 , 5, 412-434 | 17.9 | 391 |
| 117 | Facile aqueous-phase synthesis of uniform palladium nanoparticles of various shapes and sizes. <i>Small</i> , 2007 , 3, 255-60 | 11 | 148 |
| 116 | Designed Fabrication of Multifunctional Magnetic Gold Nanoshells and Their Application to Magnetic Resonance Imaging and Photothermal Therapy. <i>Angewandte Chemie</i> , 2006 , 118, 7918-7922 | 3.6 | 142 |
| 115 | Functionalization of hollow nanoparticles for nanoreactor applications. <i>Nano Today</i> , 2014 , 9, 631-667 | 17.9 | 129 |
| 114 | Novel supramolecular isomerism in coordination polymer synthesis from unsymmetrical bridging ligands: solvent influence on the ligand placement orientation and final network structure. <i>Chemistry - A European Journal</i> , 2004 , 10, 3158-65 | 4.8 | 115 |
| 113 | Three topological isomeric coordination polymer networks from the assembly of a rigid linear spacer and a square planar metal node: structures, isomerism control, and solid-to-solid transformation. <i>Inorganic Chemistry</i> , 2003 , 42, 7722-4 | 5.1 | 113 |
| 112 | Surface Modification of Exfoliated Layered Gadolinium Hydroxide for the Development of Multimodal Contrast Agents for MRI and Fluorescence Imaging. <i>Advanced Functional Materials</i> , 2009 , 19, 3375-3380 | 15.6 | 104 |
| 111 | Coordination polymers based on square planar Co(II) node and linear spacer: solvent-dependent pseudo-polymorphism and an unprecedented interpenetrating structure containing both 2D and 3D topological isomers. <i>Chemical Communications</i> , 2003 , 1036-7 | 5.8 | 93 |
| 110 | Surfactant-free platinum-on-gold nanodendrites with enhanced catalytic performance for oxygen reduction. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 745-8 | 16.4 | 92 |
| 109 | Ultraefficient separation and sensing of mercury and methylmercury ions in drinking water by using aminonaphthalimide-functionalized Fe(3)O(4)@SiO(2) core/shell magnetic nanoparticles. <i>Chemical Communications</i> , 2010 , 46, 4478-80 | 5.8 | 89 |
| 108 | Electroless Pt deposition on Mn3O4 nanoparticles via the galvanic replacement process: electrocatalytic nanocomposite with enhanced performance for oxygen reduction reaction. <i>ACS Nano</i> , 2012 , 6, 5122-9 | 16.7 | 87 |
| 107 | Fe(3)O(4)/MnO hybrid nanocrystals as a dual contrast agent for both T(1)- and T(2)-weighted liver MRI. <i>Biomaterials</i> , 2013 , 34, 2069-76 | 15.6 | 87 |
| 106 | Versatile PEG-derivatized phosphine oxide ligands for water-dispersible metal oxide nanocrystals. <i>Chemical Communications</i> , 2007 , 5167-9 | 5.8 | 80 |

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|-----|--|------|----|
| 105 | Selective precipitation of prions by polyoxometalate complexes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13802-3 | 16.4 | 80 |
| 104 | Self-assembly between silver(I) and di- and tri-2-pyridines with flexible spacer: formation of discrete metallocycle versus coordination polymer. <i>Inorganic Chemistry</i> , 2003 , 42, 2977-82 | 5.1 | 80 |
| 103 | Highly fluorescent photochromic diarylethene with an excellent fatigue property. <i>Journal of Materials Chemistry</i> , 2009 , 19, 97-103 | | 77 |
| 102 | Postsynthetic functionalization of a hollow silica nanoreactor with manganese oxide-immobilized metal nanocrystals inside the cavity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15714-7 | 16.4 | 71 |
| 101 | Synthesis of colloidal aqueous suspensions of a layered gadolinium hydroxide: a potential MRI contrast agent. <i>Dalton Transactions</i> , 2009 , 2490-5 | 4.3 | 70 |
| 100 | Synthesis and characterization of novel grid coordination polymer networks generated from unsymmetrically bridging ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 5459-61 | 5.1 | 64 |
| 99 | Development of target-specific multimodality imaging agent by using hollow manganese oxide nanoparticles as a platform. <i>Chemical Communications</i> , 2011 , 47, 9176-8 | 5.8 | 59 |
| 98 | Self-assemblies of new rigid angular ligands and metal centers toward the rational construction and modification of novel coordination polymer networks. <i>Inorganic Chemistry</i> , 2003 , 42, 8838-46 | 5.1 | 56 |
| 97 | A magnetically separable gold catalyst for chemoselective reduction of nitro compounds. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 395-9 | 3.9 | 55 |
| 96 | Chemistry of [(1H-hydronaphthalene)Mn(CO) ₃]: The Role of Ring-Slippage in Substitution, Catalytic Hydrosilylation, and Molecular Crystal Structure of [(β-C10H ₉)Mn(CO) ₃ P(OMe) ₃]. <i>Organometallics</i> , 1999 , 18, 4114-4118 | 3.8 | 53 |
| 95 | Synthesis of [2,2-Methylenebis(1,3-dimethylcyclopentadienyl)]zirconium Dichloride and Its Reactivity in Ethylene-Norbornene Copolymerization. <i>Organometallics</i> , 2002 , 21, 1500-1503 | 3.8 | 52 |
| 94 | Synthesis of hybrid Fe ₃ O ₄ -silica-NiO superstructures and their application as magnetically separable high-performance biocatalysts. <i>Chemical Communications</i> , 2009 , 3780-2 | 5.8 | 51 |
| 93 | Reductive dissolution of Fe ₃ O ₄ facilitated by the Au domain of an Fe ₃ O ₄ /Au hybrid nanocrystal: formation of a nanorattle structure composed of a hollow porous silica nanoshell and entrapped Au nanocrystal. <i>Chemical Communications</i> , 2010 , 46, 64-6 | 5.8 | 50 |
| 92 | Mn(2+)-doped silica nanoparticles for hepatocyte-targeted detection of liver cancer in T1-weighted MRI. <i>Biomaterials</i> , 2013 , 34, 8941-8 | 15.6 | 49 |
| 91 | Seed Size-Dependent Formation of Fe ₃ O ₄ /MnO Hybrid Nanocrystals: Selective, Magnetically Recyclable Catalyst Systems. <i>Chemistry of Materials</i> , 2012 , 24, 682-687 | 9.6 | 48 |
| 90 | Preparation of (Thiophene)manganese Tricarbonyl Cations for Nonlinear Optics. <i>Organometallics</i> , 1999 , 18, 1091-1096 | 3.8 | 46 |
| 89 | Hollow silica nanosphere having functionalized interior surface with thin manganese oxide layer: nanoreactor framework for size-selective Lewis acid catalysis. <i>Journal of Materials Chemistry</i> , 2010 , 20, 10615 | | 43 |
| 88 | Unexplored thermal transformation behavior of two-dimensionally bound gadolinium hydroxide layers: fabrication of oriented crystalline films of gadolinium oxychloride nanosheets suitable for the multicolor luminescence with color tunability. <i>Advanced Materials</i> , 2010 , 22, 3272-6 | 24 | 43 |

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|----|---|------|----|
| 87 | Decoration of superparamagnetic iron oxide nanoparticles with Ni ²⁺ : agent to bind and separate histidine-tagged proteins. <i>Chemical Communications</i> , 2008 , 709-11 | 5.8 | 43 |
| 86 | Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3416-3422 | 16.4 | 42 |
| 85 | Fabrication of a silica sphere with fluorescent and MR contrasting GdPO ₄ nanoparticles from layered gadolinium hydroxide. <i>Chemical Communications</i> , 2010 , 46, 3654-6 | 5.8 | 37 |
| 84 | Surface-specific deposition of catalytic metal nanocrystals on hollow carbon nanospheres via galvanic replacement reactions of carbon-encapsulated MnO nanoparticles. <i>ACS Nano</i> , 2014 , 8, 4510-21 | 16.7 | 35 |
| 83 | Self-Assembly of Organometallic/Organic Hybrid Supramolecular Arrays from Ferrocenyl Dipyridines and Aromatic Carboxylic Acids. <i>Crystal Growth and Design</i> , 2003 , 3, 521-529 | 3.5 | 35 |
| 82 | Reversible and cyclical transformations between solid and hollow nanostructures in confined reactions of manganese oxide and silica within nanosized spheres. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1378-85 | 16.4 | 34 |
| 81 | A BODIPY-functionalized bimetallic probe for sensitive and selective color-fluorometric chemosensing of Hg ²⁺ . <i>Analyst, The</i> , 2012 , 137, 3914-6 | 5 | 31 |
| 80 | Synthesis of Fe ₃ O ₄ /PdO heterodimer nanocrystals in silica nanospheres and their controllable transformation into Fe ₃ O ₄ /Pd heterodimers and FePd nanocrystals. <i>Chemical Communications</i> , 2008 , 5553-5 | 5.8 | 31 |
| 79 | Holey Pt Nanosheets on NiFe-Hydroxide Laminates: Synergistically Enhanced Electrocatalytic 2D Interface toward Hydrogen Evolution Reaction. <i>ACS Nano</i> , 2020 , 14, 10578-10588 | 16.7 | 30 |
| 78 | Functionalized Fe ₃ O ₄ nanoparticles for detecting zinc ions in living cells and their cytotoxicity. <i>Chemistry - A European Journal</i> , 2012 , 18, 5843-7 | 4.8 | 27 |
| 77 | Core/Shell Heterostructure of Fe ₃ O ₄ /Pd Nanocomposite: Selective and Magnetically Recyclable Catalyst for Decarboxylative Coupling Reaction in Aqueous Media. <i>Chemistry Letters</i> , 2008 , 37, 116-117 | 1.7 | 27 |
| 76 | Surface plasmon resonance biosensing based on target-responsive mobility switch of magnetic nanoparticles under magnetic fields. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5156 | | 26 |
| 75 | Crystal Engineering with Structurally Flexible 1,1'-Substituted Ferrocenes for Nonlinear Optical Materials. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2311-2317 | 2.3 | 25 |
| 74 | Synthesis of Planar Chiral (1,2-Disubstituted arene)chromium Tricarbonyl Compounds and Their Application in Asymmetric Hydroboration. <i>Organometallics</i> , 1998 , 17, 3236-3239 | 3.8 | 25 |
| 73 | Organometallic/Organic Hybrid Crystals from Ferrocenyl Dipyridine and Binaphthol: Different Crystal Structures and Nonlinear Optical Properties Depending upon the Reaction Medium and Optical Purity of Binaphthol. <i>Organometallics</i> , 1999 , 18, 5080-5085 | 3.8 | 25 |
| 72 | The considerable photostability improvement of photochromic terarylene by sulfone group. <i>Tetrahedron Letters</i> , 2009 , 50, 5288-5290 | 2 | 24 |
| 71 | New planar chiral P,N-ligands containing tricarbonyl(arene)chromium for enantioselective asymmetric hydroboration of styrenes. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 347-354 | | 24 |
| 70 | Preparation of Chromium/Manganese Diarene Heterobimetallic Complexes Using a Mn(CO) ₃ + Transfer Reaction. <i>Organometallics</i> , 1996 , 15, 3664-3669 | 3.8 | 21 |

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| 69 | Synthesis, Photophysical and Electrochemical Properties of Novel Conjugated Donor-Acceptor Molecules Based on Phenothiazine and Benzimidazole. <i>Bulletin of the Korean Chemical Society</i> , 2007 , 28, 1389-1395 | 1.2 | 20 |
| 68 | Mechanistic Insight into the Yolk@Shell Transformation of MnO@Silica Nanospheres Incorporating Ni(2+) Ions toward a Colloidal Hollow Nanoreactor. <i>Small</i> , 2015 , 11, 1930-8 | 11 | 19 |
| 67 | Heterologous expression of an alginate lyase from <i>Streptomyces</i> sp. ALG-5 in <i>Escherichia coli</i> and its use for preparation of the magnetic nanoparticle-immobilized enzymes. <i>Bioprocess and Biosystems Engineering</i> , 2011 , 34, 113-9 | 3.7 | 19 |
| 66 | Synthesis and non-linear optical properties of (alkyne)dicobalt octacarbonyl complexes and their substitution derivatives. <i>Inorganica Chimica Acta</i> , 2003 , 343, 41-50 | 2.7 | 19 |
| 65 | ZnO Nanoparticles with Hexagonal Cone, Hexagonal Plate, and Rod Shapes: Synthesis and Characterization. <i>Bulletin of the Korean Chemical Society</i> , 2008 , 29, 1960-1964 | 1.2 | 19 |
| 64 | Solid-State Conversion Chemistry of Multicomponent Nanocrystals Cast in a Hollow Silica Nanosphere: Morphology-Controlled Syntheses of Hybrid Nanocrystals. <i>ACS Nano</i> , 2015 , 9, 10719-28 | 16.7 | 18 |
| 63 | Rational Synthesis and Characterization of Robust Microporous Metal-Organic Frameworks with Base Functionality. <i>Crystal Growth and Design</i> , 2006 , 6, 1059-1061 | 3.5 | 18 |
| 62 | Synthesis of titanium trichloride complexes of 1,2,3-trisubstituted cyclopentadienyls and their use in styrene polymerization. <i>Journal of Organometallic Chemistry</i> , 2001 , 627, 233-238 | 2.3 | 18 |
| 61 | Pore-Engineered Silica Nanoreactors for Chemical Interaction-Guided Confined Synthesis of Porous Platinum Nanodendrites. <i>Chemistry of Materials</i> , 2018 , 30, 3010-3018 | 9.6 | 17 |
| 60 | Magnetic resonance imaging of amyloid plaques using hollow manganese oxide nanoparticles conjugated with antibody $\alpha\text{1-40}$ in a transgenic mouse model. <i>NeuroReport</i> , 2013 , 24, 16-21 | 1.7 | 17 |
| 59 | Surface functionalized hollow manganese oxide nanoparticles for cancer targeted siRNA delivery and magnetic resonance imaging. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e133-4 | 11.7 | 17 |
| 58 | A seed-engineering approach toward a hollow nanoreactor suitable for the confined synthesis of less-noble Ni-based nanocrystals. <i>Chemical Communications</i> , 2015 , 51, 499-502 | 5.8 | 16 |
| 57 | Fabrication of Supported AuPt Alloy Nanocrystals with Enhanced Electrocatalytic Activity for Formic Acid Oxidation through Conversion Chemistry of Layer-Deposited Pt(2+) on Au Nanocrystals. <i>Small</i> , 2015 , 11, 4884-93 | 11 | 16 |
| 56 | Preparation of Thiophene-Coordinated Ruthenium Complexes for Nonlinear Optics. <i>Organometallics</i> , 2004 , 23, 1875-1879 | 3.8 | 16 |
| 55 | Self-Assembly of Discrete Organometallic-Organic Hybrid Supramolecular Arrays from Ferrocenyl Dipyridines and Terephthalic and Trimesic Acids. <i>Crystal Growth and Design</i> , 2002 , 2, 493-496 | 3.5 | 16 |
| 54 | Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 3444-3450 | 3.6 | 16 |
| 53 | Spatially Confined Formation and Transformation of Nanocrystals within Nanometer-Sized Reaction Media. <i>Accounts of Chemical Research</i> , 2018 , 51, 2867-2879 | 24.3 | 16 |
| 52 | Synthesis of Fulvalene-Bridged Bimetallic Compounds Containing a Substituted Cyclopentadienyl Group Based on Pauson-Khand Chemistry. <i>Organometallics</i> , 1999 , 18, 180-186 | 3.8 | 15 |

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| 51 | Postsynthesis Modulation of the Catalytic Interface inside a Hollow Nanoreactor: Exploitation of the Bidirectional Behavior of Mixed-Valent Mn ₃ O ₄ Phase in the Galvanic Replacement Reaction. <i>Chemistry of Materials</i> , 2016 , 28, 9049-9055 | 9.6 | 15 |
| 50 | Mechanistic Insight into the Conversion Chemistry between Au-CuO Heterostructured Nanocrystals Confined inside SiO ₂ Nanospheres. <i>Chemistry of Materials</i> , 2017 , 29, 1788-1795 | 9.6 | 13 |
| 49 | Asymmetric silica encapsulation toward colloidal Janus nanoparticles: a concave nanoreactor for template-synthesis of an electrocatalytic hollow Pt nanodendrite. <i>Nanoscale</i> , 2016 , 8, 14593-9 | 7.7 | 13 |
| 48 | Au/Pt-Egg-in-Nest Nanomotor for Glucose-Powered Catalytic Motion and Enhanced Molecular Transport to Living Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17579-17586 | 16.4 | 13 |
| 47 | Plasmonically Coupled Nanoreactors for NIR-Light-Mediated Remote Stimulation of Catalysis in Living Cells. <i>ACS Catalysis</i> , 2019 , 9, 977-990 | 13.1 | 13 |
| 46 | Nanospace-Confined High-Temperature Solid-State Reactions: Versatile Synthetic Route for High-Diversity Pool of Catalytic Nanocrystals. <i>Chemistry of Materials</i> , 2017 , 29, 9463-9471 | 9.6 | 12 |
| 45 | Seed-mediated growth of gold inside hollow silica nanospheres for sensing peroxide and glucose concentrations. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 36-9 | 4.5 | 12 |
| 44 | Concave Silica Nanosphere with a Functionalized Open-Mouthed Cavity as Highly Active and Durable Catalytic Nanoreactor. <i>Chemistry of Materials</i> , 2017 , 29, 7785-7793 | 9.6 | 12 |
| 43 | Surfactant-Free Platinum-on-Gold Nanodendrites with Enhanced Catalytic Performance for Oxygen Reduction. <i>Angewandte Chemie</i> , 2011 , 123, 771-774 | 3.6 | 12 |
| 42 | Synthesis of Dimanganese Ruthenium Complexes from the Reaction of Ruthenium-Coordinated Thiophenes and Selenophene with [(1-Methylnaphthalene)Mn(CO) ₃]BF ₄ and Cp ₂ Co. <i>Organometallics</i> , 2001 , 20, 3617-3620 | 3.8 | 12 |
| 41 | Synthesis and magnetic behavior of the tetrahedral cage complex [(cyclen) ₄ V ₄ (CN) ₆] ⁶⁺ . <i>Dalton Transactions</i> , 2004 , 3434-6 | 4.3 | 11 |
| 40 | Reinvestigation of Nucleophilic Addition to the [(naphthalene)Mn(CO) ₃] ⁺ Cation: Hydrogen Migration in [(exo-R-B-C ₁₀ H ₈)Mn(CO) ₃]. <i>Organometallics</i> , 2002 , 21, 239-242 | 3.8 | 11 |
| 39 | Magnetothermia-Induced Catalytic Hollow Nanoreactor for Bioorthogonal Organic Synthesis in Living Cells. <i>Nano Letters</i> , 2020 , 20, 6981-6988 | 11.5 | 10 |
| 38 | Functional expression and magnetic nanoparticle-based Immobilization of a protein-engineered marine fish epoxide hydrolase of Mugil cephalus for enantioselective hydrolysis of racemic styrene oxide. <i>Biotechnology Letters</i> , 2010 , 32, 1685-91 | 3 | 10 |
| 37 | Preparation and properties of ferrocenyl bimetallic compounds for non-linear optics. <i>Inorganica Chimica Acta</i> , 1998 , 279, 243-248 | 2.7 | 10 |
| 36 | Carbon thin-layer-coated manganese oxide nanocrystals as an effective support for high-performance Pt electrocatalysts stabilized at a metal-metal oxide-carbon triple junction. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22341-22351 | 13 | 8 |
| 35 | Anchoring Ligand-Effect on Bright Contrast-Enhancing Property of Hollow Mn ₃ O ₄ Nanoparticle in T1-Weighted Magnetic Resonance Imaging. <i>Chemistry of Materials</i> , 2018 , 30, 4056-4064 | 9.6 | 8 |
| 34 | Crystal Facet-Manipulated 2D Pt Nanodendrites to Achieve an Intimate Heterointerface for Hydrogen Evolution Reactions.. <i>Journal of the American Chemical Society</i> , 2022 , | 16.4 | 8 |

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| 33 | Spontaneous Pt Deposition on Defective Surfaces of InO Nanocrystals Confined within Cavities of Hollow Silica Nanoshells: Pt Catalyst-Modified ITO Electrode with Enhanced ECL Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 20728-20737 | 9.5 | 7 |
| 32 | Confined Nucleation and Growth of PdO Nanocrystals in a Seed-Free Solution inside Hollow Nanoreactor. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29992-30001 | 9.5 | 7 |
| 31 | Generation of Hollow MnSiO ₃ Nanostructures through the Solid-State Reaction of Mn ₃ O ₄ and Pd/PdO Nanocrystals Dimensionally Confined within Nanosized Silica Spheres. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 357-360 | 2.3 | 7 |
| 30 | A chiral molecular bowl containing three ferrocenes: synthesis and its efficiency in an optical resolution of 1,1Pbi-2-naphthol. <i>Chemical Communications</i> , 2004 , 936-7 | 5.8 | 7 |
| 29 | Surface-Textured Mixed-Metal-Oxide Nanocrystals as Efficient Catalysts for ROS Production and Biofilm Eradication. <i>Nano Letters</i> , 2021 , 21, 279-287 | 11.5 | 7 |
| 28 | Conversion Chemistry of Nanoscopically Confined Manganese Silicate: Solid-State Route toward Porous Metal Oxide Catalyst Support. <i>Chemistry of Materials</i> , 2018 , 30, 8070-8078 | 9.6 | 7 |
| 27 | Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solar-Light-Induced Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9460-9469 | 16.4 | 6 |
| 26 | Magnetic resonance imaging for monitoring therapeutic response in a transgenic mouse model of Alzheimer β disease using voxel-based analysis of amyloid plaques. <i>NeuroReport</i> , 2014 , 25, 211-8 | 1.7 | 6 |
| 25 | Radical cyclization of beta-alkoxyacrylates: synthesis of a C ₂ -symmetric, L-shaped molecule with four fused tetrahydropyran rings. <i>Chirality</i> , 2000 , 12, 360-1 | 2.1 | 6 |
| 24 | Differential characterization of hepatic tumors in MR imaging by burst-released Mn-ions from hollow manganese-silicate nanoparticles in the liver. <i>Biomaterials</i> , 2020 , 230, 119600 | 15.6 | 6 |
| 23 | Monofacet-Selective Cavitation within Solid-State Silica-Nanoconfinement toward Janus Iron Oxide Nanocube. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15176-15180 | 16.4 | 6 |
| 22 | Superparamagnetic iron oxide nanoparticles with photoswitchable fluorescence. <i>Chemical Communications</i> , 2008 , 4622-4 | 5.8 | 5 |
| 21 | A Novel Noninterpenetrated Open Framework Structure with Extraordinarily Large Cavity Sizes: A New Coordination Polymer Containing a Rigid and Bent Molecular Building Block. <i>Chemistry Letters</i> , 2002 , 31, 800-801 | 1.7 | 5 |
| 20 | Preparation and Reactivity of $[(\beta\text{-CH}_3\text{-}\beta\text{-2-sil-C}_6\text{H}_4)\text{Fe}(\text{CO})_3]\text{BF}_4(\text{sil} = \text{Si}(\text{OCH}_2\text{CH}_2)_3\text{N})$. <i>Organometallics</i> , 1996 , 15, 5428-5431 | 3.8 | 5 |
| 19 | Metal@SiO Core-Shells with Self-Arrested Migrating Core. <i>Nano Letters</i> , 2019 , 19, 3627-3633 | 11.5 | 4 |
| 18 | Nanosilica-Confined Synthesis of Orthogonally Active Catalytic Metal Nanocrystals in the Compartmentalized Carbon Framework. <i>Small</i> , 2019 , 15, e1901280 | 11 | 4 |
| 17 | Nonlinear optical properties in tetrametallic Fe ₃ Mn complexes with pseudo-C ₃ symmetry. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 593-595 | 3.1 | 3 |
| 16 | Au/Pt-Egg-in-Nest Nanomotor for Glucose-Powered Catalytic Motion and Enhanced Molecular Transport to Living Cells. <i>Angewandte Chemie</i> , 2021 , 133, 17720-17727 | 3.6 | 3 |

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| 15 | Atomically Conformal Metal Laminations on Plasmonic Nanocrystals for Efficient Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10582-10589 | 16.4 | 3 |
| 14 | Metal-Organic framework based catalytic nanoreactors: synthetic challenges and applications. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3986-4021 | 7.8 | 3 |
| 13 | Carbon-nitride-based micromotor driven by chromate-hydrogen peroxide redox system: Application for removal of sulfamethaxazole. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 94-103 | 9.3 | 3 |
| 12 | Colloids of Holey Gd O Nanosheets Converted from Exfoliated Gadolinium Hydroxide Layers. <i>Small</i> , 2018 , 14, e1802174 | 11 | 2 |
| 11 | Facile Tuning of Metal/Oxide Interface in Hollow Nanoreactor Affecting Catalytic Activity and Selectivity. <i>Catalysis Letters</i> , 2019 , 149, 119-126 | 2.8 | 2 |
| 10 | Yolk@Shell Nanoreactors Carrying a Cluster of Metal Nanocrystals Stabilized Inside the Hollow Carbon Shell. <i>Bulletin of the Korean Chemical Society</i> , 2021 , 42, 915 | 1.2 | 1 |
| 9 | Silica Jar-with-Lid as Chemo-Enzymatic Nano-Compartment for Enantioselective Synthesis inside Living Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16337-16342 | 16.4 | 1 |
| 8 | Silica-Enveloped 2D-Sheet-to-Nanocrystals Conversion for Resilient Catalytic Dry Reforming of Methane. <i>Small</i> , 2021 , 17, e2102851 | 11 | 1 |
| 7 | Compartmentalization: Nanosilica-Confined Synthesis of Orthogonally Active Catalytic Metal Nanocrystals in the Compartmentalized Carbon Framework (Small 25/2019). <i>Small</i> , 2019 , 15, 1970135 | 11 | |
| 6 | Titelbild: Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solar-Light-Induced Reactions (Angew. Chem. 24/2020). <i>Angewandte Chemie</i> , 2020 , 132, 9281-9281 | 3.6 | |
| 5 | Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solar-Light-Induced Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 9547-9556 | 3.6 | |
| 4 | Nanoreactors: Mechanistic Insight into the Yolk@Shell Transformation of MnO@Silica Nanospheres Incorporating Ni ²⁺ Ions toward a Colloidal Hollow Nanoreactor (Small 16/2015). <i>Small</i> , 2015 , 11, 1862-1862 | 11 | |
| 3 | Crystalline Inclusion Compounds Derived from 1,1PBis(ethenyl-2-pyridyl)ferrocene and (E)-1,1PBi-2-naphthol in Different Solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 38, 297-304 | | |
| 2 | Silica Jar-with-Lid as Chemo-Enzymatic Nano-Compartment for Enantioselective Synthesis inside Living Cells. <i>Angewandte Chemie</i> , 2021 , 133, 16473 | 3.6 | |
| 1 | Titelbild: Silica Jar-with-Lid as Chemo-Enzymatic Nano-Compartment for Enantioselective Synthesis inside Living Cells (Angew. Chem. 30/2021). <i>Angewandte Chemie</i> , 2021 , 133, 16377 | 3.6 | |