

# Niveen Khashab

## List of Publications by Year in descending order

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164  
papers

9,685  
citations

41323

49  
h-index

40954

93  
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176  
all docs

176  
docs citations

176  
times ranked

12443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradability and Clearance of Silicon, Organosilica, Silsesquioxane, Silica Mixed Oxide, and Mesoporous Silica Nanoparticles. <i>Advanced Materials</i> , 2017, 29, 1604634.	11.1	565
2	Light-Operated Mechanized Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 1686-1688.	6.6	482
3	Mechanised nanoparticles for drug delivery. <i>Nanoscale</i> , 2009, 1, 16.	2.8	481
4	Functional Supramolecular Polymeric Networks: The Marriage of Covalent Polymers and Macrocycle-Based Host-Guest Interactions. <i>Chemical Reviews</i> , 2020, 120, 6070-6123.	23.0	466
5	Mesoporous Silica and Organosilica Nanoparticles: Physical Chemistry, Biosafety, Delivery Strategies, and Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700831.	3.9	415
6	Endosomal Escape and Delivery of CRISPR/Cas9 Genome Editing Machinery Enabled by Nanoscale Zeolitic Imidazolate Framework. <i>Journal of the American Chemical Society</i> , 2018, 140, 143-146.	6.6	380
7	pH Clock-Operated Mechanized Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 12912-12914.	6.6	323
8	Dual-Controlled Nanoparticles Exhibiting AND Logic. <i>Journal of the American Chemical Society</i> , 2009, 131, 11344-11346.	6.6	302
9	Radically enhanced molecular recognition. <i>Nature Chemistry</i> , 2010, 2, 42-49.	6.6	280
10	Syntheses and applications of periodic mesoporous organosilica nanoparticles. <i>Nanoscale</i> , 2015, 7, 20318-20334.	2.8	232
11	Adhesive supramolecular polymeric materials constructed from macrocycle-based host-guest interactions. <i>Chemical Society Reviews</i> , 2019, 48, 2682-2697.	18.7	205
12	Cell-Type-Specific CRISPR/Cas9 Delivery by Biomimetic Metal Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1715-1720.	6.6	162
13	Folding Up of Gold Nanoparticle Strings into Plasmonic Vesicles for Enhanced Photoacoustic Imaging. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15809-15812.	7.2	161
14	Protein-gold clusters-capped mesoporous silica nanoparticles for high drug loading, autonomous gemcitabine/doxorubicin co-delivery, and in-vivo tumor imaging. <i>Journal of Controlled Release</i> , 2016, 229, 183-191.	4.8	149
15	Hollow Au@Pd and Au@Pt core-shell nanoparticles as electrocatalysts for ethanol oxidation reactions. <i>Journal of Materials Chemistry</i> , 2012, 22, 25003.	6.7	140
16	Cooperative Assembly of Magneto-Nanovesicles with Tunable Wall Thickness and Permeability for MRI-Guided Drug Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 4666-4677.	6.6	138
17	Organosilica hybrid nanomaterials with a high organic content: syntheses and applications of silsesquioxanes. <i>Nanoscale</i> , 2016, 8, 19945-19972.	2.8	136
18	Light-on-Sensing of Antioxidants Using Gold Nanoclusters. <i>Analytical Chemistry</i> , 2014, 86, 4989-4994.	3.2	121

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19	Towards applications of bioentities@MOFs in biomedicine. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213651.	9.5	121
20	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. <i>Nature Communications</i> , 2019, 10, 1241.	5.8	112
21	Polyoxometalate@Cyclodextrin Metal-Organic Frameworks: From Tunable Structure to Customized Storage Functionality. <i>Journal of the American Chemical Society</i> , 2019, 141, 1847-1851.	6.6	110
22	Snap-Top Nanocarriers. <i>Organic Letters</i> , 2010, 12, 3304-3307.	2.4	108
23	Chick chorioallantoic membrane assay as an in vivo model to study the effect of nanoparticle-based anticancer drugs in ovarian cancer. <i>Scientific Reports</i> , 2018, 8, 8524.	1.6	101
24	Molecularly-porous ultrathin membranes for highly selective organic solvent nanofiltration. <i>Nature Communications</i> , 2020, 11, 5882.	5.8	101
25	Hybrid Iron Oxide@Graphene Oxide@Polysaccharides Microcapsule: A Micro-Matryoshka for On-Demand Drug Release and Antitumor Therapy In Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6859-6868.	4.0	100
26	Redox- and pH-Controlled Mechanized Nanoparticles. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1669-1673.	1.2	91
27	Physical Removal of Anions from Aqueous Media by Means of a Macrocyclic-Containing Polymeric Network. <i>Journal of the American Chemical Society</i> , 2018, 140, 2777-2780.	6.6	91
28	Biodegradable Oxamide-Phenylene-Based Mesoporous Organosilica Nanoparticles with Unprecedented Drug Payloads for Delivery in Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 14806-14811.	1.7	81
29	Biodegradable Magnetic Silica@Iron Oxide Nanovectors with Ultra-Large Mesopores for High Protein Loading, Magnetothermal Release, and Delivery. <i>Journal of Controlled Release</i> , 2017, 259, 187-194.	4.8	81
30	Biocompatibility and biodegradability of metal organic frameworks for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5925-5934.	2.9	79
31	Trianglamine-Based Supramolecular Organic Framework with Permanent Intrinsic Porosity and Tunable Selectivity. <i>Journal of the American Chemical Society</i> , 2018, 140, 14571-14575.	6.6	78
32	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23402-23412.	7.2	78
33	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective <i>p</i> -Xylene Separation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21367-21371.	7.2	76
34	Lewis Acid Guests in a $P_8W_{48}$ Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13046-13051.	7.2	73
35	Azobenzene-Bridged Expanded @Texas-sized@-Box: A Dual-Responsive Receptor for Aryl Dianion Encapsulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 6468-6472.	6.6	72
36	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7188-7196.	7.2	69

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37	Colorimetric Peroxidase Mimetic Assay for Uranyl Detection in Sea Water. ACS Applied Materials & Interfaces, 2015, 7, 4589-4594.	4.0	67
38	Enzymatically degradable hybrid organic-inorganic bridged silsesquioxane nanoparticles for in vitro imaging. Nanoscale, 2015, 7, 15046-15050.	2.8	67
39	Intrinsically Porous Molecular Materials (IPMs) for Natural Gas and Benzene Derivatives Separations. Accounts of Chemical Research, 2021, 54, 155-168.	7.6	66
40	Flexible and biocompatible high-performance solid-state micro-battery for implantable orthodontic system. Npj Flexible Electronics, 2017, 1, .	5.1	65
41	pH-Responsive mechanised nanoparticles gated by semirotaxanes. Chemical Communications, 2009, , 5371.	2.2	61
42	Engineering Hydrophobic Organosilica Nanoparticle-Doped Nanofibers for Enhanced and Fouling Resistant Membrane Distillation. ACS Applied Materials & Interfaces, 2017, 9, 1737-1745.	4.0	61
43	Electrostatic Assembly/Disassembly of Nanoscaled Colloidosomes for Light-Triggered Cargo Release. Angewandte Chemie - International Edition, 2015, 54, 6804-6808.	7.2	60
44	Water-dispersible hybrid Au-Pd nanoparticles as catalysts in ethanol oxidation, aqueous phase Suzuki-Miyaura and Heck reactions. Journal of Materials Chemistry, 2012, 22, 15953.	6.7	59
45	Sustained and targeted delivery of checkpoint inhibitors by metal-organic frameworks for cancer immunotherapy. Science Advances, 2021, 7, .	4.7	58
46	Cytotoxicity and Apoptosis Induced by a Plumbagin Derivative in Estrogen Positive MCF-7 Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 170-180.	0.9	57
47	Adsorptive Molecular Sieving of Styrene over Ethylbenzene by Trianglimine Crystals. Journal of the American Chemical Society, 2021, 143, 4090-4094.	6.6	57
48	Shape-Induced Selective Separation of Ortho-substituted Benzene Isomers Enabled by Cucurbit[7]uril Host Macrocycles. Chem, 2020, 6, 1082-1096.	5.8	53
49	Tunable and Linker Free Nanogaps in Core-Shell Plasmonic Nanorods for Selective and Quantitative Detection of Circulating Tumor Cells by SERS. ACS Applied Materials & Interfaces, 2017, 9, 37597-37605.	4.0	52
50	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host-Guest Interactions. Angewandte Chemie - International Edition, 2019, 58, 15665-15670.	7.2	52
51	Poros Porphyrin-Based Organosilica Nanoparticles for NIR Two-Photon Photodynamic Therapy and Gene Delivery in Zebrafish. Advanced Functional Materials, 2018, 28, 1800235.	7.8	50
52	Pillararene-based supramolecular systems for theranostics and bioapplications. Science China Chemistry, 2021, 64, 688-700.	4.2	50
53	Redox-driven switching in pseudorotaxanes. New Journal of Chemistry, 2009, 33, 254.	1.4	49
54	Probing structural changes of self assembled i-motif DNA. Chemical Communications, 2015, 51, 3747-3749.	2.2	49

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55	A tristable [2]pseudo[2]rotaxane. <i>Chemical Communications</i> , 2010, 46, 871.	2.2	46
56	Periodic Mesoporous Organosilica Nanoparticles with Controlled Morphologies and High Drug/Dye Loadings for Multicargo Delivery in Cancer Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 9607-9615.	1.7	46
57	Dissociation coefficients of protein adsorption to nanoparticles as quantitative metrics for description of the protein corona: A comparison of experimental techniques and methodological relevance. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 148-161.	1.2	46
58	Selective adsorptive separation of cyclohexane over benzene using thienothiophene cages. <i>Chemical Science</i> , 2021, 12, 5315-5318.	3.7	45
59	A light responsive two-component supramolecular hydrogel: a sensitive platform for the fabrication of humidity sensors. <i>Soft Matter</i> , 2016, 12, 2842-2845.	1.2	44
60	Photoresponsive Bridged Silsesquioxane Nanoparticles with Tunable Morphology for Light-Triggered Plasmid DNA Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24993-24997.	4.0	42
61	Microwave-Assisted Preparations of Amidrazones and Amidoximes. <i>Journal of Organic Chemistry</i> , 2006, 71, 9051-9056.	1.7	38
62	Characterization of internal structure of hydrated agar and gelatin matrices by cryo-SEM. <i>Electrophoresis</i> , 2013, 34, 405-408.	1.3	38
63	Water compatible supramolecular polymers: recent progress. <i>Chemical Society Reviews</i> , 2021, 50, 10025-10043.	18.7	38
64	Applications of Nanodiamonds in Drug Delivery and Catalysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 332-343.	0.9	37
65	Highly Efficient Thermoresponsive Nanocomposite for Controlled Release Applications. <i>Scientific Reports</i> , 2016, 6, 28539.	1.6	37
66	Multifunctional Pillar[n]arene-Based Smart Nanomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31337-31354.	4.0	37
67	Experimental and theoretical evaluation of nanodiamonds as pH triggered drug carriers. <i>New Journal of Chemistry</i> , 2012, 36, 1479.	1.4	34
68	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of $\beta$ -cobalt hydroxide and its polymorphic transition to $\gamma$ -cobalt hydroxide: reaction-diffusion framework. <i>Journal of Materials Chemistry</i> , 2012, 22, 16361.	6.7	34
69	Cobalt ferrite supported on reduced graphene oxide as a $T_2$ contrast agent for magnetic resonance imaging. <i>RSC Advances</i> , 2019, 9, 6299-6309.	1.7	34
70	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. <i>Nature Communications</i> , 2016, 7, 12147.	5.8	32
71	Gemcitabine Delivery and Photodynamic Therapy in Cancer Cells via Porphyrin-Ethylene-Based Periodic Mesoporous Organosilica Nanoparticles. <i>ChemNanoMat</i> , 2018, 4, 46-51.	1.5	31
72	Cadmium-Aluminum Layered Double Hydroxide Microspheres for Photocatalytic $CO_2$ Reduction. <i>ChemSusChem</i> , 2016, 9, 800-805.	3.6	30

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73	Tuning the porosity of triangular supramolecular adsorbents for superior haloalkane isomer separations. <i>Chemical Science</i> , 2021, 12, 12286-12291.	3.7	30
74	Enzymatically triggered multifunctional delivery system based on hyaluronic acid micelles. <i>RSC Advances</i> , 2012, 2, 12909.	1.7	29
75	Hollow ZIF-8 Nanoworms from Block Copolymer Templates. <i>Scientific Reports</i> , 2015, 5, 15275.	1.6	29
76	Selective Separation of Lithium Chloride by Organogels Containing Strapped Calix[4]pyrroles. <i>Journal of the American Chemical Society</i> , 2021, 143, 20403-20410.	6.6	28
77	Self-assembled lipoprotein based gold nanoparticles for detection and photothermal disaggregation of $\beta$ -amyloid aggregates. <i>Chemical Communications</i> , 2017, 53, 2102-2105.	2.2	27
78	Intracellular surface-enhanced Raman scattering (SERS) with thermally stable gold nanoflowers grown from Pt and Pd seeds. <i>Nanoscale</i> , 2013, 5, 4321.	2.8	26
79	Coordination-based self-assembled capsules (SACs) for protein, CRISPR-Cas9, DNA and RNA delivery. <i>Chemical Science</i> , 2021, 12, 2329-2344.	3.7	26
80	Improving pore exposure in mesoporous silica films for mechanized control of the pores. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 435-441.	2.2	25
81	Colloidal Gold Nanoclusters Spiked Silica Fillers in Mixed Matrix Coatings: Simultaneous Detection and Inhibition of Healthcare-Associated Infections. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601135.	3.9	25
82	Cellular Internalization and Biocompatibility of Periodic Mesoporous Organosilica Nanoparticles with Tunable Morphologies: From Nanospheres to Nanowires. <i>ChemPlusChem</i> , 2017, 82, 631-637.	1.3	24
83	Surface Modification of Multiwalled Carbon Nanotubes with Cationic Conjugated Polyelectrolytes: Fundamental Interactions and Intercalation into Conductive Poly(methyl methacrylate) Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 12903-12913.	4.0	22
84	Trianglamine hydrochloride crystals for a highly sensitive and selective humidity sensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 294, 40-47.	4.0	22
85	Synthetic Vehicles for Encapsulation and Delivery of CRISPR/Cas9 Gene Editing Machinery. <i>Advanced Therapeutics</i> , 2019, 2, 1800085.	1.6	22
86	<i>In situ</i> assembled ZIF superstructures <i>via</i> an emulsion-free soft-templating approach. <i>Chemical Science</i> , 2020, 11, 11280-11284.	3.7	22
87	Thermoresponsive pegylated bubble liposome nanovectors for efficient siRNA delivery via endosomal escape. <i>Nanomedicine</i> , 2017, 12, 1421-1433.	1.7	21
88	Optimizing Host-Guest Selectivity for Ethylbenzene Capture Toward Superior Styrene Purification. <i>Chemistry of Materials</i> , 2022, 34, 197-202.	3.2	20
89	Polyetherimide/Bucky Gels Nanocomposites with Superior Conductivity and Thermal Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 7478-7484.	4.0	19
90	Compositing Polyetherimide with Polyfluorene Wrapped Carbon Nanotubes for Enhanced Interfacial Interaction and Conductivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 9013-9022.	4.0	19

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91	Two-Step Raman Imaging Technique To Guide Chemo-Photothermal Cancer Therapy. Chemistry - A European Journal, 2015, 21, 17274-17281.	1.7	19
92	Customized mesoporous metal organic frameworks engender stable enzymatic nanoreactors. Chemical Communications, 2019, 55, 620-623.	2.2	19
93	Molecular recognition and adsorptive separation of <i>m</i> -xylene by trianglimine crystals. Chemical Communications, 2021, 57, 9124-9127.	2.2	19
94	Low-Magnetization Magnetic Microcapsules: A Synergistic Theranostic Platform for Remote Cancer Cells Therapy and Imaging. Particle and Particle Systems Characterization, 2014, 31, 985-993.	1.2	18
95	Anisotropic Self-Assembly of Organic-Inorganic Hybrid Microtoroids. Journal of the American Chemical Society, 2017, 139, 10232-10238.	6.6	18
96	From Capsule to Helix: Guest-Induced Superstructures of Chiral Macrocyclic Crystals. Journal of the American Chemical Society, 2020, 142, 15823-15829.	6.6	18
97	Pillar[3]trianglaminates: deeper cavity triangular macrocycles for selective hexene isomer separation. Chemical Science, 2022, 13, 3244-3248.	3.7	18
98	Synthesis of Mono- and Symmetrical Di-N-hydroxy- and N-Aminoguanidines. Journal of Organic Chemistry, 2006, 71, 6753-6758.	1.7	17
99	Zippered release from polymer-gated carbon nanotubes. Journal of Materials Chemistry, 2012, 22, 11503.	6.7	17
100	Removal of Anions from Aqueous Media by Means of a Thermoresponsive Calix[4]pyrrole Amphiphilic Polymer. Chemistry - A European Journal, 2018, 24, 15791-15795.	1.7	17
101	AIE-Based Fluorescent Triblock Copolymer Micelles for Simultaneous Drug Delivery and Intracellular Imaging. Biomacromolecules, 2021, 22, 5243-5255.	2.6	17
102	pH-triggered micellar membrane for controlled release microchips. Polymer Chemistry, 2011, 2, 2543.	1.9	16
103	Shape-controlled synthesis of Au@Pd core-shell nanoparticles and their corresponding electrochemical properties. RSC Advances, 2012, 2, 3621.	1.7	16
104	Magnetotactic bacterial cages as safe and smart gene delivery vehicles. OpenNano, 2016, 1, 36-45.	1.8	16
105	Self-Immolative Fluorescent and Raman Probe for Real-Time Imaging and Quantification of $\beta$ -Glutamyl Transpeptidase in Living Cells. ACS Applied Materials & Interfaces, 2019, 11, 27529-27535.	4.0	16
106	Xylene isomer separations by intrinsically porous molecular materials. Cell Reports Physical Science, 2021, 2, 100470.	2.8	16
107	Osmotically driven drug delivery through remote-controlled magnetic nanocomposite membranes. Biomicrofluidics, 2015, 9, 054113.	1.2	15
108	Superior Performance Nanocomposites from Uniformly Dispersed Octadecylamine Functionalized Multi-Walled Carbon Nanotubes. Journal of Carbon Research, 2015, 1, 58-76.	1.4	15

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109	Semi-automated quantification of living cells with internalized nanostructures. <i>Journal of Nanobiotechnology</i> , 2016, 14, 4.	4.2	15
110	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation. <i>Angewandte Chemie</i> , 2020, 132, 21551-21555.	1.6	15
111	Microwave-Assisted Solid-Phase Peptide Synthesis Utilizing N-Fmoc-Protected ( $\alpha$ -aminoacyl)benzotriazoles. <i>Chemical Biology and Drug Design</i> , 2007, 70, 465-468.	1.5	14
112	Engineering the Internal Structure of Magnetic Silica Nanoparticles by Thermal Control. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 307-312.	1.2	14
113	Lewis Acid Guests in a {P 8 W 48 } Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. <i>Angewandte Chemie</i> , 2018, 130, 13230-13235.	1.6	14
114	Impact of Pore-Walls Ligand Assembly on the Biodegradation of Mesoporous Organosilica Nanoparticles for Controlled Drug Delivery. <i>ACS Omega</i> , 2018, 3, 5195-5201.	1.6	14
115	Separation and Detection of meta- and ortho-Substituted Benzene Isomers by Using a Water-Soluble Pillar[5]arene. <i>ChemPlusChem</i> , 2020, 85, 1244-1248.	1.3	14
116	N-Fmoc-Protected( $\alpha$ -Dipeptidoyl)Benzotriazoles for Efficient Solid-Phase Peptide Synthesis by Segment Condensation. <i>Chemical Biology and Drug Design</i> , 2008, 72, 182-188.	1.5	13
117	Stimuli responsive nanomaterials for controlled release applications. <i>Nanotechnology Reviews</i> , 2012, 1, 493-513.	2.6	13
118	Dynamics and Mechanism of Intercalation/De-Intercalation of Rhodamine B during the Polymorphic Transformation of the CdAl Layered Double Hydroxide to the Brucite-like Cadmium Hydroxide. <i>Crystal Growth and Design</i> , 2016, 16, 4327-4335.	1.4	13
119	Compatibility analysis of 3D printer resin for biological applications. <i>Micro and Nano Letters</i> , 2016, 11, 654-659.	0.6	13
120	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie</i> , 2021, 133, 7264-7272.	1.6	13
121	Seeded growth of ferrite nanoparticles from Mn oxides: observation of anomalies in magnetic transitions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18825-18833.	1.3	12
122	Supramolecular Self-Assembly of Histidine-Capped Dialkoxy-Anthracene: A Visible-Light-Triggered Platform for Facile siRNA Delivery. <i>Chemistry - A European Journal</i> , 2016, 22, 13789-13793.	1.7	12
123	Non-Resonant Large Format Surface Enhanced Raman Scattering Substrates for Selective Detection and Quantification of Xylene Isomers. <i>Chemistry of Materials</i> , 2017, 29, 1994-1998.	3.2	12
124	Cyclodextrin-functionalized asymmetric block copolymer films as high-capacity reservoir for drug delivery. <i>Journal of Membrane Science</i> , 2019, 584, 1-8.	4.1	12
125	Preparations of diversely substituted thiosemicarbazides and N-hydroxythioureas. <i>Arkivoc</i> , 2006, 2006, 226-236.	0.3	12
126	$\alpha$ -Nail- and $\omega$ -comb-effects of cholesterol modified NIPAm oligomers on cancer targeting liposomes. <i>Biomaterials Science</i> , 2014, 2, 476.	2.6	11



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127	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie</i> , 2020, 132, 23608-23618.	1.6	11
128	DNA-Mimicking Metal-Organic Frameworks with Accessible Adenine Faces for Complementary Base Pairing. <i>JACS</i> , 2022, 2, 623-630.	3.6	11
129	Anion extractants constructed by macrocycle-based anion recognition. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15297-15308.	5.2	11
130	Electroless reductions on carbon nanotubes: how critical is the diameter of a nanotube. <i>RSC Advances</i> , 2013, 3, 17693.	1.7	10
131	Investigating Unexpected Magnetism of Mesoporous Silica-Supported Pd and PdO Nanoparticles. <i>Chemistry of Materials</i> , 2015, 27, 29-36.	3.2	10
132	Intrinsically porous molecular building blocks for metal organic frameworks tailored by the bridging effect of counter cations. <i>CrystEngComm</i> , 2020, 22, 2889-2894.	1.3	10
133	Fullerene-Catalyzed Reduction of Azo Derivatives in Water under UV Irradiation. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2842-2847.	1.7	9
134	Selective Magnetic Evolution of Mn-Fe-O Nanoplates. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10740-10748.	1.5	9
135	Adsorptive molecular sieving of linear over branched alkanes using triethylamine host macrocycles for sustainable separation processes. <i>Materials Today Chemistry</i> , 2022, 24, 100840.	1.7	9
136	Degradable gold core-mesoporous organosilica shell nanoparticles for two-photon imaging and gemcitabine monophosphate delivery. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 380-383.	1.7	8
137	Benzotriazolyl-Mediated 1,2-Shifts of Electron-Rich Heterocycles. <i>Journal of Organic Chemistry</i> , 2004, 69, 4269-4271.	1.7	7
138	Conjugation-Promoted Reaction of Open-Cage Fullerene: A Density Functional Theory Study. <i>ChemPhysChem</i> , 2012, 13, 751-755.	1.0	7
139	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host-Guest Interactions. <i>Angewandte Chemie</i> , 2019, 131, 15812-15817.	1.6	7
140	C-Aminoimidoylation and C-Thiocarbamoylation of Esters, Sulfones, and Ketones. <i>Journal of Organic Chemistry</i> , 2007, 72, 6742-6748.	1.7	6
141	The Hofmeister effect on nanodiamonds: how addition of ions provides superior drug loading platforms. <i>Biomaterials Science</i> , 2014, 2, 84-88.	2.6	6
142	A photo-tunable membrane based on inter-particle crosslinking for decreasing diffusion rates. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1208-1216.	2.9	6
143	Synthesis and anticancer evaluation of spermatinamine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1629-1632.	1.0	6
144	Synthesis of Spiked Plasmonic Nanorods with an Interior Nanogap for Quantitative Surface-Enhanced Raman Scattering Analysis. <i>ACS Omega</i> , 2018, 3, 14399-14405.	1.6	6

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145	Ligand-free gold nanoclusters confined in mesoporous silica nanoparticles for styrene epoxidation. <i>Nanoscale Advances</i> , 2020, 2, 1437-1442.	2.2	6
146	Photostable polymorphic organic cages for targeted live cell imaging. <i>Chemical Science</i> , 2022, 13, 7341-7346.	3.7	5
147	<I>P</I>-Glycoprotein Targeted Nanoscale Drug Carriers. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1399-1402.	0.9	4
148	pH Responsive Self-Assembly of Cucurbit[7]urils and Polystyrene-Block-Polyvinylpyridine Micelles for Hydrophobic Drug Delivery. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	1.5	4
149	Self-Assembly of Single-Crystal Silver Microflakes on Reduced Graphene Oxide and their Use in Ultrasensitive Sensors. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500658.	1.9	3
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