Niveen Khashab

List of Publications by Citations

154 papers	6,936 citations	41 h-index	79 g-index
176 ext. papers	8,263 ext. citations	9.1 avg, IF	6.34 L-index

#	Paper	IF	Citations
154	Light-operated mechanized nanoparticles. *Journal of the American Chemical Society*, **2009**, 131, 1686-8	16.4	455
153	Mechanised nanoparticles for drug delivery. *Nanoscale*, **2009**, 1, 16-39	7.7	448
152	Degradability and Clearance of Silicon, Organosilica, Silsesquioxane, Silica Mixed Oxide, and Mesoporous Silica Nanoparticles. *Advanced Materials*, **2017**, 29, 1604634	24	369
151	Mesoporous Silica and Organosilica Nanoparticles: Physical Chemistry, Biosafety, Delivery Strategies, and Biomedical Applications. *Advanced Healthcare Materials*, **2018**, 7, 1700831	10.1	306
150	pH clock-operated mechanized nanoparticles. *Journal of the American Chemical Society*, **2009**, 131, 12912-4	16.4	301
149	Dual-controlled nanoparticles exhibiting AND logic. *Journal of the American Chemical Society*, **2009**, 131, 11344-6	16.4	278
148	Endosomal Escape and Delivery of CRISPR/Cas9 Genome Editing Machinery Enabled by Nanoscale Zeolitic Imidazolate Framework. *Journal of the American Chemical Society*, **2018**, 140, 143-146	16.4	253
147	Radically enhanced molecular recognition. *Nature Chemistry*, **2010**, 2, 42-9	17.6	247
146	Functional Supramolecular Polymeric Networks: The Marriage of Covalent Polymers and Macrocycle-Based Host-Guest Interactions. *Chemical Reviews*, **2020**, 120, 6070-6123	68.1	196
145	Syntheses and applications of periodic mesoporous organosilica nanoparticles. *Nanoscale*, **2015**, 7, 20318-34	7.7	193
144	Folding Up of Gold Nanoparticle Strings into Plasmonic Vesicles for Enhanced Photoacoustic Imaging. *Angewandte Chemie - International Edition*, **2015**, 54, 15809-12	16.4	138
143	Protein-gold clusters-capped mesoporous silica nanoparticles for high drug loading, autonomous gemcitabine/doxorubicin co-delivery, and in-vivo tumor imaging. *Journal of Controlled Release*, **2016**, 229, 183-191	11.7	128
142	Hollow Au@Pd and Au@Pt core–shell nanoparticles as electrocatalysts for ethanol oxidation reactions. *Journal of Materials Chemistry*, **2012**, 22, 25003		126
141	Adhesive supramolecular polymeric materials constructed from macrocycle-based host-guest interactions. *Chemical Society Reviews*, **2019**, 48, 2682-2697	58.5	113
140	Organosilica hybrid nanomaterials with a high organic content: syntheses and applications of silsesquioxanes. *Nanoscale*, **2016**, 8, 19945-19972	7.7	113
139	Cooperative Assembly of Magneto-Nanovesicles with Tunable Wall Thickness and Permeability for MRI-Guided Drug Delivery. *Journal of the American Chemical Society*, **2018**, 140, 4666-4677	16.4	106
138	"Light-on" sensing of antioxidants using gold nanoclusters. *Analytical Chemistry*, **2014**, 86, 4989-94	7.8	104

137	Snap-top nanocarriers. *Organic Letters*, **2010**, 12, 3304-7	6.2	102
136	Redox- and pH-Controlled Mechanized Nanoparticles. *European Journal of Organic Chemistry*, **2009**, 2009, 1669-1673	3.2	89
135	Cell-Type-Specific CRISPR/Cas9 Delivery by Biomimetic Metal Organic Frameworks. *Journal of the American Chemical Society*, **2020**, 142, 1715-1720	16.4	79
134	Hybrid Iron Oxide-Graphene Oxide-Polysaccharides Microcapsule: A Micro-Matryoshka for On-Demand Drug Release and Antitumor Therapy In Vivo. *ACS Applied Materials & Interfaces*, **2016**, 8, 6859-68	9.5	79
133	Physical Removal of Anions from Aqueous Media by Means of a Macrocycle-Containing Polymeric Network. *Journal of the American Chemical Society*, **2018**, 140, 2777-2780	16.4	78
132	Biodegradable Magnetic Silica@Iron Oxide Nanovectors with Ultra-Large Mesopores for High Protein Loading, Magnetothermal Release, and Delivery. *Journal of Controlled Release*, **2017**, 259, 187-194	11.7	69
131	Biodegradable Oxamide-Phenylene-Based Mesoporous Organosilica Nanoparticles with Unprecedented Drug Payloads for Delivery in Cells. *Chemistry - A European Journal*, **2016**, 22, 14806-14811	4.8	67
130	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. *Nature Communications*, **2019**, 10, 1241	17.4	65
129	Chick chorioallantoic membrane assay as an in vivo model to study the effect of nanoparticle-based anticancer drugs in ovarian cancer. *Scientific Reports*, **2018**, 8, 8524	4.9	65
128	Polyoxometalate-Cyclodextrin Metal-Organic Frameworks: From Tunable Structure to Customized Storage Functionality. *Journal of the American Chemical Society*, **2019**, 141, 1847-1851	16.4	65
127	Colorimetric peroxidase mimetic assay for uranyl detection in sea water. *ACS Applied Materials & Interfaces*, **2015**, 7, 4589-94	9.5	61
126	Enzymatically degradable hybrid organic-inorganic bridged silsesquioxane nanoparticles for in vitro imaging. *Nanoscale*, **2015**, 7, 15046-50	7.7	58
125	pH-responsive mechanised nanoparticles gated by semirotaxanes. *Chemical Communications*, **2009**, 5371-3	5.8	57
124	Water-dispersable hybrid Au–Pd nanoparticles as catalysts in ethanol oxidation, aqueous phase Suzuki–Miyaura and Heck reactions. *Journal of Materials Chemistry*, **2012**, 22, 15953		53
123	Towards applications of bioentities@MOFs in biomedicine. *Coordination Chemistry Reviews*, **2021**, 429, 213651	23.2	52
122	Lewis Acid Guests in a {P W } Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. *Angewandte Chemie - International Edition*, **2018**, 57, 13046-13051	16.4	49
121	Electrostatic assembly/disassembly of nanoscaled colloidosomes for light-triggered cargo release. *Angewandte Chemie - International Edition*, **2015**, 54, 6804-8	16.4	48
120	Trianglamine-Based Supramolecular Organic Framework with Permanent Intrinsic Porosity and Tunable Selectivity. *Journal of the American Chemical Society*, **2018**, 140, 14571-14575	16.4	46

119	Flexible and biocompatible high-performance solid-state micro-battery for implantable orthodontic system. *Npj Flexible Electronics*, **2017**, 1,	10.7	45
118	Redox-driven switching in pseudorotaxanes. *New Journal of Chemistry*, **2009**, 33, 254	3.6	44
117	Probing structural changes of self assembled i-motif DNA. *Chemical Communications*, **2015**, 51, 3747-9	5.8	43
116	Cytotoxicity and apoptosis induced by a plumbagin derivative in estrogen positive MCF-7 breast cancer cells. *Anti-Cancer Agents in Medicinal Chemistry*, **2014**, 14, 170-80	2.2	43
115	A tristable [2]pseudo[2]rotaxane. *Chemical Communications*, **2010**, 46, 871-3	5.8	42
114	Engineering Hydrophobic Organosilica Nanoparticle-Doped Nanofibers for Enhanced and Fouling Resistant Membrane Distillation. *ACS Applied Materials & Interfaces*, **2017**, 9, 1737-1745	9.5	41
113	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	9.5	41
112	Porous Porphyrin-Based Organosilica Nanoparticles for NIR Two-Photon Photodynamic Therapy and Gene Delivery in Zebrafish. *Advanced Functional Materials*, **2018**, 28, 1800235	15.6	41
111	Azobenzene-Bridged Expanded "Texas-sized" Box: A Dual-Responsive Receptor for Aryl Dianion Encapsulation. *Journal of the American Chemical Society*, **2019**, 141, 6468-6472	16.4	40
110	Photoresponsive Bridged Silsesquioxane Nanoparticles with Tunable Morphology for Light-Triggered Plasmid DNA Delivery. *ACS Applied Materials & Interfaces*, **2015**, 7, 24993-7	9.5	40
109	Periodic Mesoporous Organosilica Nanoparticles with Controlled Morphologies and High Drug/Dye Loadings for Multicargo Delivery in Cancer Cells. *Chemistry - A European Journal*, **2016**, 22, 9607-15	4.8	38
108	A light responsive two-component supramolecular hydrogel: a sensitive platform for the fabrication of humidity sensors. *Soft Matter*, **2016**, 12, 2842-5	3.6	37
107	Dissociation coefficients of protein adsorption to nanoparticles as quantitative metrics for description of the protein corona: A comparison of experimental techniques and methodological relevance. *International Journal of Biochemistry and Cell Biology*, **2016**, 75, 148-61	5.6	36
106	Microwave-assisted preparations of amidrazones and amidoximes. *Journal of Organic Chemistry*, **2006**, 71, 9051-6	4.2	34
105	Electrostatic Assembly/Disassembly of Nanoscaled Colloidosomes for Light-Triggered Cargo Release. *Angewandte Chemie*, **2015**, 127, 6908-6912	3.6	32
104	Highly Efficient Thermoresponsive Nanocomposite for Controlled Release Applications. *Scientific Reports*, **2016**, 6, 28539	4.9	32
103	Characterization of internal structure of hydrated agar and gelatin matrices by cryo-SEM. *Electrophoresis*, **2013**, 34, 405-8	3.6	30
102	Applications of nanodiamonds in drug delivery and catalysis. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 332-43	1.3	30

101	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation. *Angewandte Chemie - International Edition*, **2020**, 59, 21367-21371	16.4	30
100	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. *Nature Communications*, **2016**, 7, 12147	17.4	29
99	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of □cobalt hydroxide and its polymorphic transition to □cobalt hydroxide: reaction□diffusion framework. *Journal of Materials Chemistry*, **2012**, 22, 16361		29
98	Experimental and theoretical evaluation of nanodiamonds as pH triggered drug carriers. *New Journal of Chemistry*, **2012**, 36, 1479	3.6	28
97	Removal of Organic Micropollutants from Water by Macrocycle-Containing Covalent Polymer Networks. *Angewandte Chemie - International Edition*, **2020**, 59, 23402-23412	16.4	28
96	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host-Guest Interactions. *Angewandte Chemie - International Edition*, **2019**, 58, 15665-15670	16.4	26
95	Molecularly-porous ultrathin membranes for highly selective organic solvent nanofiltration. *Nature Communications*, **2020**, 11, 5882	17.4	25
94	Shape-Induced Selective Separation of Ortho-substituted Benzene Isomers Enabled by Cucurbit[7]uril Host Macrocycles. *CheM*, **2020**, 6, 1082-1096	16.2	24
93	Hollow ZIF-8 Nanoworms from Block Copolymer Templates. *Scientific Reports*, **2015**, 5, 15275	4.9	24
92	Intracellular surface-enhanced Raman scattering (SERS) with thermally stable gold nanoflowers grown from Pt and Pd seeds. *Nanoscale*, **2013**, 5, 4321-9	7.7	24
91	Improving pore exposure in mesoporous silica films for mechanized control of the pores. *Microporous and Mesoporous Materials*, **2010**, 132, 435-441	5.3	24
90	Gemcitabine Delivery and Photodynamic Therapy in Cancer Cells via Porphyrin-Ethylene-Based Periodic Mesoporous Organosilica Nanoparticles. *ChemNanoMat*, **2018**, 4, 46-51	3.5	23
89	Enzymatically triggered multifunctional delivery system based on hyaluronic acid micelles. *RSC Advances*, **2012**, 2, 12909	3.7	23
88	Cadmium-Aluminum Layered Double Hydroxide Microspheres for Photocatalytic CO2 Reduction. *ChemSusChem*, **2016**, 9, 800-5	8.3	23
87	Self-assembled lipoprotein based gold nanoparticles for detection and photothermal disaggregation of □amyloid aggregates. *Chemical Communications*, **2017**, 53, 2102-2105	5.8	22
86	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. *Angewandte Chemie - International Edition*, **2021**, 60, 7188-7196	16.4	22
85	Intrinsically Porous Molecular Materials (IPMs) for Natural Gas and Benzene Derivatives Separations. *Accounts of Chemical Research*, **2021**, 54, 155-168	24.3	21
84	Surface Modification of Multiwalled Carbon Nanotubes with Cationic Conjugated Polyelectrolytes: Fundamental Interactions and Intercalation into Conductive Poly(methyl methacrylate) Composites. *ACS Applied Materials & Interfaces*, **2015**, 7, 12903-13	9.5	20

83	Sustained and targeted delivery of checkpoint inhibitors by metal-organic frameworks for cancer immunotherapy. *Science Advances*, **2021**, 7,	14.3	20
82	Cellular Internalization and Biocompatibility of Periodic Mesoporous Organosilica Nanoparticles with Tunable Morphologies: From Nanospheres to Nanowires. *ChemPlusChem*, **2017**, 82, 631-637	2.8	19
81	Cobalt ferrite supported on reduced graphene oxide as a contrast agent for magnetic resonance imaging.. *RSC Advances*, **2019**, 9, 6299-6309	3.7	18
80	Colloidal Gold Nanoclusters Spiked Silica Fillers in Mixed Matrix Coatings: Simultaneous Detection and Inhibition of Healthcare-Associated Infections. *Advanced Healthcare Materials*, **2017**, 6, 1601135	10.1	17
79	Low-Magnetization Magnetic Microcapsules: A Synergistic Theranostic Platform for Remote Cancer Cells Therapy and Imaging. *Particle and Particle Systems Characterization*, **2014**, 31, 985-993	3.1	17
78	Compositing polyetherimide with polyfluorene wrapped carbon nanotubes for enhanced interfacial interaction and conductivity. *ACS Applied Materials & Interfaces*, **2014**, 6, 9013-22	9.5	17
77	Polyetherimide/bucky gels nanocomposites with superior conductivity and thermal stability. *ACS Applied Materials & Interfaces*, **2013**, 5, 7478-84	9.5	17
76	Anisotropic Self-Assembly of Organic-Inorganic Hybrid Microtoroids. *Journal of the American Chemical Society*, **2017**, 139, 10232-10238	16.4	16
75	Zippered release from polymer-gated carbon nanotubes. *Journal of Materials Chemistry*, **2012**, 22, 11503		16
74	Pillararene-based supramolecular systems for theranostics and bioapplications. *Science China Chemistry*, **2021**, 64, 688-700	7.9	16
73	Adsorptive Molecular Sieving of Styrene over Ethylbenzene by Trianglimine Crystals. *Journal of the American Chemical Society*, **2021**, 143, 4090-4094	16.4	16
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71	"Two-Step" Raman Imaging Technique To Guide Chemo-Photothermal Cancer Therapy. *Chemistry - A European Journal*, **2015**, 21, 17274-81	4.8	15
70	Synthesis of mono- and symmetrical di-N-hydroxy- and N-aminoguanidines. *Journal of Organic Chemistry*, **2006**, 71, 6753-8	4.2	15
69	Synthetic Vehicles for Encapsulation and Delivery of CRISPR/Cas9 Gene Editing Machinery. *Advanced Therapeutics*, **2019**, 2, 1800085	4.9	15
68	Selective adsorptive separation of cyclohexane over benzene using thienothiophene cages. *Chemical Science*, **2021**, 12, 5315-5318	9.4	15
67	Trianglamine hydrochloride crystals for a highly sensitive and selective humidity sensor. *Sensors and Actuators B: Chemical*, **2019**, 294, 40-47	8.5	14
66	Osmotically driven drug delivery through remote-controlled magnetic nanocomposite membranes. *Biomicrofluidics*, **2015**, 9, 054113	3.2	14

65	Engineering the Internal Structure of Magnetic Silica Nanoparticles by Thermal Control. *Particle and Particle Systems Characterization*, **2015**, 32, 307-312	3.1	14
64	pH-triggered micellar membrane for controlled release microchips. *Polymer Chemistry*, **2011**, 2, 2543	4.9	14
63	Microwave-assisted solid-phase peptide synthesis utilizing N-Fmoc-protected (alpha-aminoacyl)benzotriazoles. *Chemical Biology and Drug Design*, **2007**, 70, 465-8	2.9	14
62	Thermoresponsive pegylated bubble liposome nanovectors for efficient siRNA delivery via endosomal escape. *Nanomedicine*, **2017**, 12, 1421-1433	5.6	13
61	From Capsule to Helix: Guest-Induced Superstructures of Chiral Macrocycle Crystals. *Journal of the American Chemical Society*, **2020**, 142, 15823-15829	16.4	13
60	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. *Crystal Growth and Design*, **2016**, 16, 4327-4335	3.5	13
59	Semi-automated quantification of living cells with internalized nanostructures. *Journal of Nanobiotechnology*, **2016**, 14, 4	9.4	13
58	Magnetotactic bacterial cages as safe and smart gene delivery vehicles. *OpenNano*, **2016**, 1, 36-45	8.4	13
57	Shape-controlled synthesis of Au@Pd core-shell nanoparticles and their corresponding electrochemical properties. *RSC Advances*, **2012**, 2, 3621	3.7	12
56	N-Fmoc-protected(alpha-dipeptidoyl)benzotriazoles for efficient solid-phase peptide synthesis by segment condensation. *Chemical Biology and Drug Design*, **2008**, 72, 182-8	2.9	12
55	Biocompatibility and biodegradability of metal organic frameworks for biomedical applications. *Journal of Materials Chemistry B*, **2021**, 9, 5925-5934	7.3	12
54	Impact of Pore-Walls Ligand Assembly on the Biodegradation of Mesoporous Organosilica Nanoparticles for Controlled Drug Delivery. *ACS Omega*, **2018**, 3, 5195-5201	3.9	12
53	Non-Resonant Large Format Surface Enhanced Raman Scattering Substrates for Selective Detection and Quantification of Xylene Isomers. *Chemistry of Materials*, **2017**, 29, 1994-1998	9.6	11
52	Seeded growth of ferrite nanoparticles from Mn oxides: observation of anomalies in magnetic transitions. *Physical Chemistry Chemical Physics*, **2015**, 17, 18825-33	3.6	11
51	Supramolecular Self-Assembly of Histidine-Capped-Dialkoxy-Anthracene: A Visible-Light-Triggered Platform for Facile siRNA Delivery. *Chemistry - A European Journal*, **2016**, 22, 13789-13793	4.8	11
50	"Nail" and "comb" effects of cholesterol modified NIPAm oligomers on cancer targeting liposomes. *Biomaterials Science*, **2014**, 2, 476-483	7.4	11
49	Stimuli responsive nanomaterials for controlled release applications. *Nanotechnology Reviews*, **2012**, 1, 493-513	6.3	11
48	Preparations of diversely substituted thiosemicarbazides and N-hydroxythioureas. *Arkivoc*, **2006**, 2006, 226-236	0.9	11

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46	Compatibility analysis of 3D printer resin for biological applications. *Micro and Nano Letters*, **2016**, 11, 654-659	0.9	10
45	Electroless reductions on carbon nanotubes: how critical is the diameter of a nanotube. *RSC Advances*, **2013**, 3, 17693	3.7	10
44	assembled ZIF superstructures an emulsion-free soft-templating approach. *Chemical Science*, **2020**, 11, 11280-11284	9.4	10
43	Multifunctional Pillar[]arene-Based Smart Nanomaterials. *ACS Applied Materials & Interfaces*, **2021**, 13, 31337-31354	9.5	10
42	Cyclodextrin-functionalized asymmetric block copolymer films as high-capacity reservoir for drug delivery. *Journal of Membrane Science*, **2019**, 584, 1-8	9.6	9
41	Investigating Unexpected Magnetism of Mesoporous Silica-Supported Pd and PdO Nanoparticles. *Chemistry of Materials*, **2015**, 27, 29-36	9.6	9
40	Self-Immolative Fluorescent and Raman Probe for Real-Time Imaging and Quantification of Glutamyl Transpeptidase in Living Cells. *ACS Applied Materials & Interfaces*, **2019**, 11, 27529-27535	9.5	9
39	Superior Performance Nanocomposites from Uniformly Dispersed Octadecylamine Functionalized Multi-Walled Carbon Nanotubes. *Journal of Carbon Research*, **2015**, 1, 58-76	3.3	9
38	Lewis Acid Guests in a {P8W48} Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. *Angewandte Chemie*, **2018**, 130, 13230-13235	3.6	9
37	Selective Magnetic Evolution of MnxFe1 O Nanoplates. *Journal of Physical Chemistry C*, **2015**, 119, 10740-10748	3.3	8
36	Separation and Detection of meta- and ortho-Substituted Benzene Isomers by Using a Water-Soluble Pillar[5]arene. *ChemPlusChem*, **2020**, 85, 1244-1248	2.8	8
35	Fullerene-catalyzed reduction of azo derivatives in water under UV irradiation. *Chemistry - an Asian Journal*, **2012**, 7, 2842-7	4.5	8
34	Degradable gold core esoporous organosilica shell nanoparticles for two-photon imaging and gemcitabine monophosphate delivery. *Molecular Systems Design and Engineering*, **2017**, 2, 380-383	4.6	6
33	Benzotriazolyl-mediated 1,2-shifts of electron-rich heterocycles. *Journal of Organic Chemistry*, **2004** , 69, 4269-71	4.2	6
32	Water compatible supramolecular polymers: recent progress. *Chemical Society Reviews*, **2021**, 50, 10025-10036	58.9	6
31	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. *Angewandte Chemie*, **2021**, 133, 7264-7272	3.6	6
30	Tuning the porosity of triangular supramolecular adsorbents for superior haloalkane isomer separations. *Chemical Science*, **2021**, 12, 12286-12291	9.4	6

29	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host□Guest Interactions. *Angewandte Chemie*, **2019**, 131, 15812-15817	3.6	5
28	Conjugation-promoted reaction of open-cage fullerene: a density functional theory study. *ChemPhysChem*, **2012**, 13, 751-5	3.2	5
27	Removal of Organic Micropollutants from Water by Macrocycle-Containing Covalent Polymer Networks. *Angewandte Chemie*, **2020**, 132, 23608-23618	3.6	5
26	Coordination-based self-assembled capsules (SACs) for protein, CRISPR-Cas9, DNA and RNA delivery. *Chemical Science*, **2021**, 12, 2329-2344	9.4	5
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23	The Hofmeister effect on nanodiamonds: how addition of ions provides superior drug loading platforms. *Biomaterials Science*, **2014**, 2, 84-88	7.4	4
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21	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation. *Angewandte Chemie*, **2020**, 132, 21551-21555	3.6	4
20	A photo-tunable membrane based on inter-particle crosslinking for decreasing diffusion rates. *Journal of Materials Chemistry B*, **2015**, 3, 1208-1216	7.3	3
19	Synthesis and anticancer evaluation of spermatinamine analogues. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 1629-1632	2.9	3
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16	Selective Separation of Lithium Chloride by Organogels Containing Strapped Calix[4]pyrroles. *Journal of the American Chemical Society*, **2021**, 143, 20403-20410	16.4	3
15	Molecular recognition and adsorptive separation of -xylene by trianglimine crystals. *Chemical Communications*, **2021**, 57, 9124-9127	5.8	3
14	Synthesis of Spiked Plasmonic Nanorods with an Interior Nanogap for Quantitative Surface-Enhanced Raman Scattering Analysis. *ACS Omega*, **2018**, 3, 14399-14405	3.9	3
13	Xylene isomer separations by intrinsically porous molecular materials. *Cell Reports Physical Science*, **2021**, 2, 100470	6.1	2
12	Self-Assembly of Single-Crystal Silver Microflakes on Reduced Graphene Oxide and their Use in Ultrasensitive Sensors. *Advanced Materials Interfaces*, **2016**, 3, 1500658	4.6	2

11	Intrinsically porous molecular building blocks for metal organic frameworks tailored by the bridging effect of counter cations. *CrystEngComm*, **2020**, 22, 2889-2894	3.3	2
10	Adsorptive molecular sieving of linear over branched alkanes using trianglamine host macrocycles for sustainable separation processes. *Materials Today Chemistry*, **2022**, 24, 100840	6.2	2
9	Barcoding Amino Acids for Mutation Screening in Amyloid Beta Peptides. *Small Methods*, **2019**, 3, 1900611	11.8	1
8	DNA-Mimicking Metal-Organic Frameworks with Accessible Adenine Faces for Complementary Base Pairing.. *Jacs Au*, **2022**, 2, 623-630		0
7	Optimizing Host□Guest Selectivity for Ethylbenzene Capture Toward Superior Styrene Purification. *Chemistry of Materials*, **2022**, 34, 197-202	9.6	0
6	Pillar[3]trianglamines: deeper cavity triangular macrocycles for selective hexene isomer separation.. *Chemical Science*, **2022**, 13, 3244-3248	9.4	0
5	Self-Assembled Metal-Organic Complexes for Thermally Reversible Permeabilization of Cell Membranes.. *ACS Applied Bio Materials*, **2019**, 2, 970-974	4.1	
4	Histidine□dialkoxyanthracene dyad for selective and sensitive detection of mercury ions. *Supramolecular Chemistry*, **2018**, 30, 345-350	1.8	
3	Microwave-Induced Chemotoxicity of Polydopamine-Coated Magnetic Nanocubes. *International Journal of Molecular Sciences*, **2015**, 16, 18283-92	6.3	
2	Titelbild: A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation (Angew. Chem. 48/2020). *Angewandte Chemie*, **2020**, 132, 21433-21433	3.6	
1	Cargo-Delivering Nanodiamonds **2016**, 543-555		