

Niveen Khashab

List of Publications by Year in Descending Order

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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.

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	DNA-Mimicking Metal-Organic Frameworks with Accessible Adenine Faces for Complementary Base Pairing.. <i>Jacs Au</i> , 2022 , 2, 623-630		0
153	Optimizing Host-Guest Selectivity for Ethylbenzene Capture Toward Superior Styrene Purification. <i>Chemistry of Materials</i> , 2022 , 34, 197-202	9.6	0
152	Pillar[3]trianglamines: deeper cavity triangular macrocycles for selective hexene isomer separation.. <i>Chemical Science</i> , 2022 , 13, 3244-3248	9.4	0
151	Adsorptive molecular sieving of linear over branched alkanes using trianglamine host macrocycles for sustainable separation processes. <i>Materials Today Chemistry</i> , 2022 , 24, 100840	6.2	2
150	Selective Separation of Lithium Chloride by Organogels Containing Strapped Calix[4]pyrroles. <i>Journal of the American Chemical Society</i> , 2021 , 143, 20403-20410	16.4	3
149	AIE-Based Fluorescent Triblock Copolymer Micelles for Simultaneous Drug Delivery and Intracellular Imaging. <i>Biomacromolecules</i> , 2021 ,	6.9	4
148	Pillararene-based supramolecular systems for theranostics and bioapplications. <i>Science China Chemistry</i> , 2021 , 64, 688-700	7.9	16
147	Adsorptive Molecular Sieving of Styrene over Ethylbenzene by Trianglamine Crystals. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4090-4094	16.4	16
146	Multifunctional Pillar[5]arene-Based Smart Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31337-31354	9.5	10
145	Xylene isomer separations by intrinsically porous molecular materials. <i>Cell Reports Physical Science</i> , 2021 , 2, 100470	6.1	2
144	Intrinsically Porous Molecular Materials (IPMs) for Natural Gas and Benzene Derivatives Separations. <i>Accounts of Chemical Research</i> , 2021 , 54, 155-168	24.3	21
143	Towards applications of bioentities@MOFs in biomedicine. <i>Coordination Chemistry Reviews</i> , 2021 , 429, 213651	23.2	52
142	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7188-7196	16.4	22
141	Biocompatibility and biodegradability of metal organic frameworks for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5925-5934	7.3	12
140	Selective adsorptive separation of cyclohexane over benzene using thienothiophene cages. <i>Chemical Science</i> , 2021 , 12, 5315-5318	9.4	15
139	Coordination-based self-assembled capsules (SACs) for protein, CRISPR-Cas9, DNA and RNA delivery. <i>Chemical Science</i> , 2021 , 12, 2329-2344	9.4	5
138	Water compatible supramolecular polymers: recent progress. <i>Chemical Society Reviews</i> , 2021 , 50, 10025-10043	48.9	436

137	Sustained and targeted delivery of checkpoint inhibitors by metal-organic frameworks for cancer immunotherapy. <i>Science Advances</i> , 2021 , 7,	14.3	20
136	Molecular recognition and adsorptive separation of -xylene by trianglimine crystals. <i>Chemical Communications</i> , 2021 , 57, 9124-9127	5.8	3
135	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie</i> , 2021 , 133, 7264-7272	3.6	6
134	Tuning the porosity of triangular supramolecular adsorbents for superior haloalkane isomer separations. <i>Chemical Science</i> , 2021 , 12, 12286-12291	9.4	6
133	Functional Supramolecular Polymeric Networks: The Marriage of Covalent Polymers and Macrocyclic-Based Host-Guest Interactions. <i>Chemical Reviews</i> , 2020 , 120, 6070-6123	68.1	196
132	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	2.8	8
131	Shape-Induced Selective Separation of Ortho-substituted Benzene Isomers Enabled by Cucurbit[7]uril Host Macrocycles. <i>CheM</i> , 2020 , 6, 1082-1096	16.2	24
130	Ligand-free gold nanoclusters confined in mesoporous silica nanoparticles for styrene epoxidation. <i>Nanoscale Advances</i> , 2020 , 2, 1437-1442	5.1	4
129	Cell-Type-Specific CRISPR/Cas9 Delivery by Biomimetic Metal Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1715-1720	16.4	79
128	Molecularly-porous ultrathin membranes for highly selective organic solvent nanofiltration. <i>Nature Communications</i> , 2020 , 11, 5882	17.4	25
127	From Capsule to Helix: Guest-Induced Superstructures of Chiral Macrocyclic Crystals. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15823-15829	16.4	13
126	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23402-23412	16.4	28
125	Titelbild: A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation (Angew. Chem. 48/2020). <i>Angewandte Chemie</i> , 2020 , 132, 21433-21433	3.6	
124	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21367-21371	16.4	30
123	A Polymorphic Azobenzene Cage for Energy-Efficient and Highly Selective p-Xylene Separation. <i>Angewandte Chemie</i> , 2020 , 132, 21551-21555	3.6	4
122	assembled ZIF superstructures an emulsion-free soft-templating approach. <i>Chemical Science</i> , 2020 , 11, 11280-11284	9.4	10
121	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie</i> , 2020 , 132, 23608-23618	3.6	5
120	Intrinsically porous molecular building blocks for metal organic frameworks tailored by the bridging effect of counter cations. <i>CrystEngComm</i> , 2020 , 22, 2889-2894	3.3	2

119	Barcoding Amino Acids for Mutation Screening in Amyloid Beta Peptides. <i>Small Methods</i> , 2019 , 3, 1900611.8	11.8	1
118	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host-Guest Interactions. <i>Angewandte Chemie</i> , 2019 , 131, 15812-15817	3.6	5
117	Pillar[5]arene-Stabilized Silver Nanoclusters: Extraordinary Stability and Luminescence Enhancement Induced by Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15665-15670	16.4	26
116	Customized mesoporous metal organic frameworks engender stable enzymatic nanoreactors. <i>Chemical Communications</i> , 2019 , 55, 620-623	5.8	15
115	Trianglamine hydrochloride crystals for a highly sensitive and selective humidity sensor. <i>Sensors and Actuators B: Chemical</i> , 2019 , 294, 40-47	8.5	14
114	Adhesive supramolecular polymeric materials constructed from macrocycle-based host-guest interactions. <i>Chemical Society Reviews</i> , 2019 , 48, 2682-2697	58.5	113
113	Cyclodextrin-functionalized asymmetric block copolymer films as high-capacity reservoir for drug delivery. <i>Journal of Membrane Science</i> , 2019 , 584, 1-8	9.6	9
112	Cobalt ferrite supported on reduced graphene oxide as a contrast agent for magnetic resonance imaging.. <i>RSC Advances</i> , 2019 , 9, 6299-6309	3.7	18
111	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. <i>Nature Communications</i> , 2019 , 10, 1241	17.4	65
110	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	16.4	40
109	Self-Assembled Metal-Organic Complexes for Thermally Reversible Permeabilization of Cell Membranes.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 970-974	4.1	
108	Self-Immolative Fluorescent and Raman Probe for Real-Time Imaging and Quantification of EGlutamyl Transpeptidase in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27529-27535	9.5	9
107	Synthetic Vehicles for Encapsulation and Delivery of CRISPR/Cas9 Gene Editing Machinery. <i>Advanced Therapeutics</i> , 2019 , 2, 1800085	4.9	15
106	Polyoxometalate-Cyclodextrin Metal-Organic Frameworks: From Tunable Structure to Customized Storage Functionality. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1847-1851	16.4	65
105	Porous Porphyrin-Based Organosilica Nanoparticles for NIR Two-Photon Photodynamic Therapy and Gene Delivery in Zebrafish. <i>Advanced Functional Materials</i> , 2018 , 28, 1800235	15.6	41
104	Physical Removal of Anions from Aqueous Media by Means of a Macrocycle-Containing Polymeric Network. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2777-2780	16.4	78
103	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	16.4	253
102	Histidine- β -alkoxyanthracene dyad for selective and sensitive detection of mercury ions. <i>Supramolecular Chemistry</i> , 2018 , 30, 345-350	1.8	

101	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	16.4	106
100	Gemcitabine Delivery and Photodynamic Therapy in Cancer Cells via Porphyrin-Ethylene-Based Periodic Mesoporous Organosilica Nanoparticles. <i>ChemNanoMat</i> , 2018 , 4, 46-51	3.5	23
99	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	4.9	65
98	Mesoporous Silica and Organosilica Nanoparticles: Physical Chemistry, Biosafety, Delivery Strategies, and Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2018 , 7, 1700831	10.1	306
97	Trianglamine-Based Supramolecular Organic Framework with Permanent Intrinsic Porosity and Tunable Selectivity. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14571-14575	16.4	46
96	Synthesis of Spiked Plasmonic Nanorods with an Interior Nanogap for Quantitative Surface-Enhanced Raman Scattering Analysis. <i>ACS Omega</i> , 2018 , 3, 14399-14405	3.9	3
95	Lewis Acid Guests in a {P8W48} Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. <i>Angewandte Chemie</i> , 2018 , 130, 13230-13235	3.6	9
94	Removal of Anions from Aqueous Media by Means of a Thermoresponsive Calix[4]pyrrole Amphiphilic Polymer. <i>Chemistry - A European Journal</i> , 2018 , 24, 15791-15795	4.8	11
93	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	3.9	12
92	Lewis Acid Guests in a {P W } Archetypal Polyoxotungstate Host: Enhanced Proton Conductivity via Metal-Oxo Cluster within Cluster Assemblies. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13046-13051	16.4	49
91	Engineering Hydrophobic Organosilica Nanoparticle-Doped Nanofibers for Enhanced and Fouling Resistant Membrane Distillation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1737-1745	9.5	41
90	Cellular Internalization and Biocompatibility of Periodic Mesoporous Organosilica Nanoparticles with Tunable Morphologies: From Nanospheres to Nanowires. <i>ChemPlusChem</i> , 2017 , 82, 631-637	2.8	19
89	Self-assembled lipoprotein based gold nanoparticles for detection and photothermal disaggregation of β -amyloid aggregates. <i>Chemical Communications</i> , 2017 , 53, 2102-2105	5.8	22
88	Degradability and Clearance of Silicon, Organosilica, Silsesquioxane, Silica Mixed Oxide, and Mesoporous Silica Nanoparticles. <i>Advanced Materials</i> , 2017 , 29, 1604634	24	369
87	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	10.1	17
86	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	9.6	11
85	Thermoresponsive pegylated bubble liposome nanovectors for efficient siRNA delivery via endosomal escape. <i>Nanomedicine</i> , 2017 , 12, 1421-1433	5.6	13
84	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	11.7	69

83	Flexible and biocompatible high-performance solid-state micro-battery for implantable orthodontic system. <i>Npj Flexible Electronics</i> , 2017 , 1,	10.7	45
82	Tunable and Linker Free Nanogaps in Core-Shell Plasmonic Nanorods for Selective and Quantitative Detection of Circulating Tumor Cells by SERS. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37597-37605	8.5	41
81	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	4.6	6
80	Anisotropic Self-Assembly of Organic-Inorganic Hybrid Microtoroids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10232-10238	16.4	16
79	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	4.8	11
78	Organosilica hybrid nanomaterials with a high organic content: syntheses and applications of silsesquioxanes. <i>Nanoscale</i> , 2016 , 8, 19945-19972	7.7	113
77	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. <i>Nature Communications</i> , 2016 , 7, 12147	17.4	29
76	Compatibility analysis of 3D printer resin for biological applications. <i>Micro and Nano Letters</i> , 2016 , 11, 654-659	0.9	10
75	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	11.7	128
74	A light responsive two-component supramolecular hydrogel: a sensitive platform for the fabrication of humidity sensors. <i>Soft Matter</i> , 2016 , 12, 2842-5	3.6	37
73	Synthesis and anticancer evaluation of spermatinamine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1629-1632	2.9	3
72	Hybrid Iron Oxide-Graphene Oxide-Polysaccharides Microcapsule: A Micro-Matryoshka for On-Demand Drug Release and Antitumor Therapy In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6859-68	9.5	79
71	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, 148-61	5.6	36
70	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	11.8	67
69	Cadmium-Aluminum Layered Double Hydroxide Microspheres for Photocatalytic CO ₂ Reduction. <i>ChemSusChem</i> , 2016 , 9, 800-5	8.3	23
68	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	4.6	2
67	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	3.5	13
66	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, 9607-15	4.8	38

65	Highly Efficient Thermoresponsive Nanocomposite for Controlled Release Applications. <i>Scientific Reports</i> , 2016 , 6, 28539	4.9	32
64	Semi-automated quantification of living cells with internalized nanostructures. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 4	9.4	13
63	Cargo-Delivering Nanodiamonds 2016 , 543-555		
62	Magnetotactic bacterial cages as safe and smart gene delivery vehicles. <i>OpenNano</i> , 2016 , 1, 36-45	8.4	13
61	Enzymatically degradable hybrid organic-inorganic bridged silsesquioxane nanoparticles for in vitro imaging. <i>Nanoscale</i> , 2015 , 7, 15046-50	7.7	58
60	Seeded growth of ferrite nanoparticles from Mn oxides: observation of anomalies in magnetic transitions. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 18825-33	3.6	11
59	Surface Modification of Multiwalled Carbon Nanotubes with Cationic Conjugated Polyelectrolytes: Fundamental Interactions and Intercalation into Conductive Poly(methyl methacrylate) Composites. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12903-13	9.5	20
58	Electrostatic assembly/disassembly of nanoscaled colloidosomes for light-triggered cargo release. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6804-8	16.4	48
57	Selective Magnetic Evolution of $Mn_xFe_{1-x}O$ Nanoplates. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 10740-10748		
56	Photoresponsive Bridged Silsesquioxane Nanoparticles with Tunable Morphology for Light-Triggered Plasmid DNA Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24993-7	9.5	40
55	A photo-tunable membrane based on inter-particle crosslinking for decreasing diffusion rates. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1208-1216	7.3	3
54	Syntheses and applications of periodic mesoporous organosilica nanoparticles. <i>Nanoscale</i> , 2015 , 7, 20318-34	9.7	193
53	Investigating Unexpected Magnetism of Mesoporous Silica-Supported Pd and PdO Nanoparticles. <i>Chemistry of Materials</i> , 2015 , 27, 29-36	9.6	9
52	Hollow ZIF-8 Nanoworms from Block Copolymer Templates. <i>Scientific Reports</i> , 2015 , 5, 15275	4.9	24
51	Osmotically driven drug delivery through remote-controlled magnetic nanocomposite membranes. <i>Biomicrofluidics</i> , 2015 , 9, 054113	3.2	14
50	Folding Up of Gold Nanoparticle Strings into Plasmonic Vesicles for Enhanced Photoacoustic Imaging. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15809-12	16.4	138
49	"Two-Step" Raman Imaging Technique To Guide Chemo-Photothermal Cancer Therapy. <i>Chemistry - A European Journal</i> , 2015 , 21, 17274-81	4.8	15
48	Electrostatic Assembly/Disassembly of Nanoscaled Colloidosomes for Light-Triggered Cargo Release. <i>Angewandte Chemie</i> , 2015 , 127, 6908-6912	3.6	32

47	Superior Performance Nanocomposites from Uniformly Dispersed Octadecylamine Functionalized Multi-Walled Carbon Nanotubes. <i>Journal of Carbon Research</i> , 2015 , 1, 58-76	3.3	9
46	Microwave-Induced Chemotoxicity of Polydopamine-Coated Magnetic Nanocubes. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 18283-92	6.3	
45	Probing structural changes of self assembled i-motif DNA. <i>Chemical Communications</i> , 2015 , 51, 3747-9	5.8	43
44	Engineering the Internal Structure of Magnetic Silica Nanoparticles by Thermal Control. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 307-312	3.1	14
43	Colorimetric peroxidase mimetic assay for uranyl detection in sea water. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4589-94	9.5	61
42	"Nail" and "comb" effects of cholesterol modified NIPAm oligomers on cancer targeting liposomes. <i>Biomaterials Science</i> , 2014 , 2, 476-483	7.4	11
41	"Light-on" sensing of antioxidants using gold nanoclusters. <i>Analytical Chemistry</i> , 2014 , 86, 4989-94	7.8	104
40	Low-Magnetization Magnetic Microcapsules: A Synergistic Theranostic Platform for Remote Cancer Cells Therapy and Imaging. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 985-993	3.1	17
39	Compositing polyetherimide with polyfluorene wrapped carbon nanotubes for enhanced interfacial interaction and conductivity. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9013-22	9.5	17
38	Cytotoxicity and apoptosis induced by a plumbagin derivative in estrogen positive MCF-7 breast cancer cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 170-80	2.2	43
37	Applications of nanodiamonds in drug delivery and catalysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 332-43	1.3	30
36	The Hofmeister effect on nanodiamonds: how addition of ions provides superior drug loading platforms. <i>Biomaterials Science</i> , 2014 , 2, 84-88	7.4	4
35	Electroless reductions on carbon nanotubes: how critical is the diameter of a nanotube. <i>RSC Advances</i> , 2013 , 3, 17693	3.7	10
34	P-glycoprotein targeted nanoscale drug carriers. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 1399-402	1.3	4
33	Characterization of internal structure of hydrated agar and gelatin matrices by cryo-SEM. <i>Electrophoresis</i> , 2013 , 34, 405-8	3.6	30
32	Intracellular surface-enhanced Raman scattering (SERS) with thermally stable gold nanoflowers grown from Pt and Pd seeds. <i>Nanoscale</i> , 2013 , 5, 4321-9	7.7	24
31	Polyetherimide/bucky gels nanocomposites with superior conductivity and thermal stability. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7478-84	9.5	17
30	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	3.2	3

29	Conjugation-promoted reaction of open-cage fullerene: a density functional theory study. <i>ChemPhysChem</i> , 2012 , 13, 751-5	3.2	5
28	Shape-controlled synthesis of Au@Pd core-shell nanoparticles and their corresponding electrochemical properties. <i>RSC Advances</i> , 2012 , 2, 3621	3.7	12
27	Enzymatically triggered multifunctional delivery system based on hyaluronic acid micelles. <i>RSC Advances</i> , 2012 , 2, 12909	3.7	23
26	Hollow Au@Pd and Au@Pt core-shell nanoparticles as electrocatalysts for ethanol oxidation reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 25003		126
25	Fullerene-catalyzed reduction of azo derivatives in water under UV irradiation. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2842-7	4.5	8
24	Experimental and theoretical evaluation of nanodiamonds as pH triggered drug carriers. <i>New Journal of Chemistry</i> , 2012 , 36, 1479	3.6	28
23	Water-dispersible hybrid Au@Pd nanoparticles as catalysts in ethanol oxidation, aqueous phase Suzuki-Miyaura and Heck reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15953		53
22	Stimuli responsive nanomaterials for controlled release applications. <i>Nanotechnology Reviews</i> , 2012 , 1, 493-513	6.3	11
21	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of α -cobalt hydroxide and its polymorphic transition to β -cobalt hydroxide: reaction-diffusion framework. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16361		29
20	Zippered release from polymer-gated carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11503		16
19	pH-triggered micellar membrane for controlled release microchips. <i>Polymer Chemistry</i> , 2011 , 2, 2543	4.9	14
18	Radically enhanced molecular recognition. <i>Nature Chemistry</i> , 2010 , 2, 42-9	17.6	247
17	A tristable [2]pseudo[2]rotaxane. <i>Chemical Communications</i> , 2010 , 46, 871-3	5.8	42
16	Snap-top nanocarriers. <i>Organic Letters</i> , 2010 , 12, 3304-7	6.2	102
15	Improving pore exposure in mesoporous silica films for mechanized control of the pores. <i>Microporous and Mesoporous Materials</i> , 2010 , 132, 435-441	5.3	24
14	Redox- and pH-Controlled Mechanized Nanoparticles. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1669-1673	3.2	89
13	pH clock-operated mechanized nanoparticles. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12912-4	14.4	301
12	Mechanised nanoparticles for drug delivery. <i>Nanoscale</i> , 2009 , 1, 16-39	7.7	448

11	Light-operated mechanized nanoparticles. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1686-8	16.4	455
10	Dual-controlled nanoparticles exhibiting AND logic. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11344-6	16.4	278
9	Redox-driven switching in pseudorotaxanes. <i>New Journal of Chemistry</i> , 2009 , 33, 254	3.6	44
8	pH-responsive mechanised nanoparticles gated by semirotaxanes. <i>Chemical Communications</i> , 2009 , 5371-3	5.3	57
7	N-Fmoc-protected(alpha-dipeptidoyl)benzotriazoles for efficient solid-phase peptide synthesis by segment condensation. <i>Chemical Biology and Drug Design</i> , 2008 , 72, 182-8	2.9	12
6	C-aminoimidoylation and C-thiocarbamoylation of esters, sulfones, and ketones. <i>Journal of Organic Chemistry</i> , 2007 , 72, 6742-8	4.2	3
5	Microwave-assisted solid-phase peptide synthesis utilizing N-Fmoc-protected (alpha-aminoacyl)benzotriazoles. <i>Chemical Biology and Drug Design</i> , 2007 , 70, 465-8	2.9	14
4	Microwave-assisted preparations of amidrazones and amidoximes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9051-6	4.2	34
3	Synthesis of mono- and symmetrical di-N-hydroxy- and N-aminoguanidines. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6753-8	4.2	15
2	Preparations of diversely substituted thiosemicarbazides and N-hydroxythioureas. <i>Arkivoc</i> , 2006 , 2006, 226-236	0.9	11
1	Benzotriazolyl-mediated 1,2-shifts of electron-rich heterocycles. <i>Journal of Organic Chemistry</i> , 2004 , 69, 4269-71	4.2	6