

# Katsuhiko Ariga

## List of Publications by Citations

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888

papers

47,074

citations

111

h-index

181

g-index

987

ext. papers

51,101

ext. citations

6.5

avg, IF

8.11

L-index

#	Paper	IF	Citations
888	Assembly of Multicomponent Protein Films by Means of Electrostatic Layer-by-Layer Adsorption. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 6117-6123	16.4	1254
887	Layer-by-layer assembly as a versatile bottom-up nanofabrication technique for exploratory research and realistic application. <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 2319-40	3.6	1040
886	Layer-by-layer Nanoarchitectonics: Invention, Innovation, and Evolution. <i>Chemistry Letters</i> , <b>2014</b> , 43, 36-68	1.7	761
885	A new family of carbon materials: synthesis of MOF-derived nanoporous carbons and their promising applications. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14-19	13	670
884	Challenges and breakthroughs in recent research on self-assembly. <i>Science and Technology of Advanced Materials</i> , <b>2008</b> , 9, 014109	7.1	645
883	Nanoarchitectonics for Mesoporous Materials. <i>Bulletin of the Chemical Society of Japan</i> , <b>2012</b> , 85, 1-32	5.1	602
882	Nanoporous carbons through direct carbonization of a zeolitic imidazolate framework for supercapacitor electrodes. <i>Chemical Communications</i> , <b>2012</b> , 48, 7259-61	5.8	559
881	Direct carbonization of Al-based porous coordination polymer for synthesis of nanoporous carbon. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 2864-7	16.4	538
880	Direct synthesis of MOF-derived nanoporous carbon with magnetic Co nanoparticles toward efficient water treatment. <i>Small</i> , <b>2014</b> , 10, 2096-107	11	505
879	Templated Synthesis for Nanoarchitected Porous Materials. <i>Bulletin of the Chemical Society of Japan</i> , <b>2015</b> , 88, 1171-1200	5.1	479
878	Preparation and Characterization of Well-Ordered Hexagonal Mesoporous Carbon Nitride. <i>Advanced Materials</i> , <b>2005</b> , 17, 1648-1652	24	474
877	Assembling Alternate Dye/Polyion Molecular Films by Electrostatic Layer-by-Layer Adsorption. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 2224-2231	16.4	457
876	Alternate Assembly of Ordered Multilayers of SiO <sub>2</sub> and Other Nanoparticles and Polyions. <i>Langmuir</i> , <b>1997</b> , 13, 6195-6203	4	403
875	Layer-by-layer self-assembled shells for drug delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2011</b> , 63, 762-71	18.5	376
874	Molecular Recognition at Air/Water and Related Interfaces: Complementary Hydrogen Bonding and Multisite Interaction. <i>Accounts of Chemical Research</i> , <b>1998</b> , 31, 371-378	24.3	375
873	Nanoarchitectonics for Dynamic Functional Materials from Atomic-/Molecular-Level Manipulation to Macroscopic Action. <i>Advanced Materials</i> , <b>2016</b> , 28, 1251-86	24	373
872	Mechanical control of nanomaterials and nanosystems. <i>Advanced Materials</i> , <b>2012</b> , 24, 158-76	24	353

871	25th anniversary article: what can be done with the Langmuir-Blodgett method? Recent developments and its critical role in materials science. <i>Advanced Materials</i> , <b>2013</b> , 25, 6477-512	24	345
870	Enzyme nanoarchitectonics: organization and device application. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 6322-45	58.5	330
869	Two-Dimensional (2D) Nanomaterials towards Electrochemical Nanoarchitectonics in Energy-Related Applications. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 627-648	5.1	321
868	Molecular recognition: from solution science to nano/materials technology. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5800-35	58.5	321
867	Forming nanomaterials as layered functional structures toward materials nanoarchitectonics. <i>NPG Asia Materials</i> , <b>2012</b> , 4, e17-e17	10.3	305
866	Gold nanoparticles embedded in a mesoporous carbon nitride stabilizer for highly efficient three-component coupling reaction. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5961-5	16.4	301
865	X-ray peak broadening analysis in ZnO nanoparticles. <i>Solid State Communications</i> , <b>2009</b> , 149, 1919-1923	1.6	289
864	Characterization of Polyelectrolyte Protein Multilayer Films by Atomic Force Microscopy, Scanning Electron Microscopy, and Fourier Transform Infrared Reflection Absorption Spectroscopy. <i>Langmuir</i> , <b>1998</b> , 14, 4559-4565	4	279
863	Layer-by-layer films of graphene and ionic liquids for highly selective gas sensing. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9737-9	16.4	276
862	Photocatalytic activity of La-doped ZnO for the degradation of monocrotophos in aqueous suspension. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 266, 149-157		274
861	Nanoarchitectonics: a conceptual paradigm for design and synthesis of dimension-controlled functional nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 1-13	1.3	272
860	Recent Advances in Functionalization of Mesoporous Silica. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 347-371	1.3	271
859	Amphiphile nanoarchitectonics: from basic physical chemistry to advanced applications. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 10580-611	3.6	268
858	Porphyrim-based sensor nanoarchitectonics in diverse physical detection modes. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 9713-46	3.6	265
857	Redox-Active Polymers for Energy Storage Nanoarchitectonics. <i>Joule</i> , <b>2017</b> , 1, 739-768	27.8	263
856	Formation of Ultrathin Multilayer and Hydrated Gel from Montmorillonite and Linear Polycations. <i>Langmuir</i> , <b>1996</b> , 12, 3038-3044	4	252
855	Advances in biomimetic and nanostructured biohybrid materials. <i>Advanced Materials</i> , <b>2010</b> , 22, 323-36	24	251
854	Electrochemical nanoarchitectonics and layer-by-layer assembly: From basics to future. <i>Nano Today</i> , <b>2015</b> , 10, 138-167	17.9	238

853	Chemistry Can Make Strict and Fuzzy Controls for Bio-Systems: DNA Nanoarchitectonics and Cell-Macromolecular Nanoarchitectonics. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 967-1004	5.1	232
852	Synthesis of nanoporous carbon-cobalt-oxide hybrid electrocatalysts by thermal conversion of metal-organic frameworks. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 4217-21	4.8	226
851	Sequential actions of glucose oxidase and peroxidase in molecular films assembled by layer-by-layer alternate adsorption. <i>Biotechnology and Bioengineering</i> , <b>1996</b> , 51, 163-7	4.9	224
850	Natural tubule clay template synthesis of silver nanorods for antibacterial composite coating. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 4040-6	9.5	214
849	Bioactive nanocarbon assemblies: Nanoarchitectonics and applications. <i>Nano Today</i> , <b>2014</b> , 9, 378-394	17.9	210
848	Nanoarchitectonics: a new materials horizon for nanotechnology. <i>Materials Horizons</i> , <b>2015</b> , 2, 406-413	14.4	210
847	A careful examination of the adsorption step in the alternate layer-by-layer assembly of linear polyanion and polycation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 146, 337-346	5.1	208
846	Biomaterial immobilization in nanoporous carbon molecular sieves: influence of solution pH, pore volume, and pore diameter. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 6436-41	3.4	207
845	Self-assembly as a key player for materials nanoarchitectonics. <i>Science and Technology of Advanced Materials</i> , <b>2019</b> , 20, 51-95	7.1	204
844	Molecular Recognition of Nucleotides by the Guanidinium Unit at the Surface of Aqueous Micelles and Bilayers. A Comparison of Microscopic and Macroscopic Interfaces. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 8524-8530	16.4	203
843	Directing Assembly and Disassembly of 2D MoS Nanosheets with DNA for Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15286-15296	9.5	199
842	Inorganic Nanoarchitectonics for Biological Applications. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 728-737	9.6	195
841	Regulation of $\beta$ -Sheet Structures within Amyloid-Like $\beta$ -Sheet Assemblage from Tripeptide Derivatives. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 12192-12199	16.4	194
840	Layered paving of vesicular nanoparticles formed with cerasome as a bioinspired organic-inorganic hybrid. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 7892-3	16.4	193
839	The Way to Nanoarchitectonics and the Way of Nanoarchitectonics. <i>Advanced Materials</i> , <b>2016</b> , 28, 989-924	15.6	192
838	Soft Langmuir-Blodgett Technique for Hard Nanomaterials. <i>Advanced Materials</i> , <b>2009</b> , 21, 2959-2981	24	190
837	Fullerene nanoarchitectonics: from zero to higher dimensions. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 1662-79	15.6	182
836	Preparation of Highly Ordered Nitrogen-Containing Mesoporous Carbon from a Gelatin Biomolecule and its Excellent Sensing of Acetic Acid. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 3596-3604	15.6	177

835	Sequential reaction and product separation on molecular films of glucoamylase and glucose oxidase assembled on an ultrafilter. <i>Journal of Bioscience and Bioengineering</i> , <b>1996</b> , 82, 502-506		174
834	Solvent engineering for shape-shifter pure fullerene (C60). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6372-3	16.4	173
833	Photocatalytic degradation of 2,4,6-trichlorophenol using lanthanum doped ZnO in aqueous suspension. <i>Catalysis Communications</i> , <b>2007</b> , 8, 1377-1382	3.2	171
832	Carboxy-mesoporous carbon and its excellent adsorption capability for proteins. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 1819		171
831	Activity and stability of glucose oxidase in molecular films assembled alternately with polyions. <i>Journal of Bioscience and Bioengineering</i> , <b>1999</b> , 87, 69-75	3.3	170
830	Coordination chemistry and supramolecular chemistry in mesoporous nanospace. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 2562-2591	23.2	167
829	Molecular Imprinting: Materials Nanoarchitectonics with Molecular Information. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 1075-1111	5.1	165
828	Selective, sensitive and reversible "turn-on" fluorescent cyanide probes based on 2,2'-dipyridylaminoanthracene-Cu <sup>2+</sup> ensembles. <i>Chemical Communications</i> , <b>2012</b> , 48, 11513-5	5.8	165
827	What are the emerging concepts and challenges in NANO? Nanoarchitectonics, hand-operating nanotechnology and mechanobiology. <i>Polymer Journal</i> , <b>2016</b> , 48, 371-389	2.7	161
826	Nanocarbon Superhydrophobic Surfaces created from Fullerene-Based Hierarchical Supramolecular Assemblies. <i>Advanced Materials</i> , <b>2008</b> , 20, 443-446	24	159
825	Mechanical control of enantioselectivity of amino acid recognition by cholesterol-armed cyclen monolayer at the air-water interface. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14478-9	16.4	159
824	Adsorption of l-histidine over mesoporous carbon molecular sieves. <i>Carbon</i> , <b>2006</b> , 44, 530-536	10.4	152
823	Layer-by-Layer Assembly of Alternate Protein/Polyion Ultrathin Films. <i>Chemistry Letters</i> , <b>1994</b> , 23, 2323-2326		152
822	Hierarchical supramolecular fullerene architectures with controlled dimensionality. <i>Chemical Communications</i> , <b>2005</b> , 5982-4	5.8	151
821	Thin-film-based nanoarchitectures for soft matter: controlled assemblies into two-dimensional worlds. <i>Small</i> , <b>2011</b> , 7, 1288-308	11	150
820	Bis(alkylguanidinium) receptors for phosphodiesterases: effect of counterions, solvent mixtures, and cavity flexibility on complexation. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 10042-10055	16.4	150
819	MOF-derived Nanoporous Carbon as Intracellular Drug Delivery Carriers. <i>Chemistry Letters</i> , <b>2014</b> , 43, 717-719	1.7	149
818	All-metal layer-by-layer films: bimetallic alternate layers with accessible mesopores for enhanced electrocatalysis. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 10819-21	16.4	148

8 <sub>17</sub>	Materials nanoarchitectonics for environmental remediation and sensing. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 2369-2377		147
8 <sub>16</sub>	Synthesis of Mesoporous BN and BCN Exhibiting Large Surface Areas via Templating Methods. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5887-5890	9.6	147
8 <sub>15</sub>	Catalytic nanoarchitectonics for environmentally compatible energy generation. <i>Materials Today</i> , <b>2016</b> , 19, 12-18	21.8	145
8 <sub>14</sub>	Benzylation of benzene and other aromatics by benzyl chloride over mesoporous ALSBA-15 catalysts. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 80, 195-203	5.3	143
8 <sub>13</sub>	Steric hindrance-enforced distortion as a general strategy for the design of fluorescence "turn-on" cyanide probes. <i>Chemical Communications</i> , <b>2013</b> , 49, 10136-8	5.8	142
8 <sub>12</sub>	Control of Morphology and Helicity of Chiral Mesoporous Silica. <i>Advanced Materials</i> , <b>2006</b> , 18, 593-596	24	142
8 <sub>11</sub>	New families of mesoporous materials. <i>Science and Technology of Advanced Materials</i> , <b>2006</b> , 7, 753-771	7.1	142
8 <sub>10</sub>	Two-dimensional nanoarchitectonics based on self-assembly. <i>Advances in Colloid and Interface Science</i> , <b>2010</b> , 154, 20-9	14.3	141
8 <sub>09</sub>	A Special Section on Nanocomposites and Nanoporous Materials. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 1-2	1.3	140
8 <sub>08</sub>	Synthesis of Monocrystalline Nanoframes of Prussian Blue Analogues by Controlled Preferential Etching. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8228-34	16.4	138
8 <sub>07</sub>	Large pore cage type mesoporous carbon, carbon nanocage: a superior adsorbent for biomaterials. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 5122		136
8 <sub>06</sub>	Photocatalytic water splitting under visible light by mixed-valence Sn(3)O(4). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 3790-3	9.5	135
8 <sub>05</sub>	Stimuli-free auto-modulated material release from mesoporous nanocompartment films. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2376-7	16.4	135
8 <sub>04</sub>	Polymeric micelle assembly for preparation of large-sized mesoporous metal oxides with various compositions. <i>Langmuir</i> , <b>2014</b> , 30, 651-9	4	132
8 <sub>03</sub>	A condensable amphiphile with a cleavable tail as a "Lizard" template for the sol-gel synthesis of functionalized mesoporous silica. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 988-9	16.4	132
8 <sub>02</sub>	Electrochemical-coupling layer-by-layer (ECC-LbL) assembly. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 7348-51	16.4	131
8 <sub>01</sub>	Layer-by-layer films of dual-pore carbon capsules with designable selectivity of gas adsorption. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4220-1	16.4	131
8 <sub>00</sub>	One-pot separation of tea components through selective adsorption on pore-engineered nanocarbon, carbon nanocage. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11022-3	16.4	130

799	Formation of wormlike micelle in a mixed amino-acid based anionic surfactant and cationic surfactant systems. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 311, 276-84	9.3	130
798	Piezoluminescence Based on Molecular Recognition by Dynamic Cavity Array of Steroid Cyclophanes at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 7835-7836	16.4	130
797	Langmuir-Blodgett films of an enzyme-lipid complex for sensor membranes. <i>Langmuir</i> , <b>1988</b> , 4, 1373-1375	13.75	130
796	Nanoarchitectonics for Hybrid and Related Materials for Bio-Oriented Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702905	15.6	130
795	Preparation and characterization of a novel organic-inorganic nanohybrid "cerasome" formed with a liposomal membrane and silicate surface. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5272-81	4.8	129
794	A layered mesoporous carbon sensor based on nanopore-filling cooperative adsorption in the liquid phase. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 7254-7	16.4	128
793	Fullerene crystals with bimodal pore architectures consisting of macropores and mesopores. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 586-9	16.4	125
792	Flower-shaped supramolecular assemblies: hierarchical organization of a fullerene bearing long aliphatic chains. <i>Small</i> , <b>2007</b> , 3, 2019-23	11	125
791	Piezoluminescence at the air-water interface through dynamic molecular recognition driven by lateral pressure application. <i>Langmuir</i> , <b>2005</b> , 21, 976-81	4	125
790	Direct Synthesis of Well-Ordered and Unusually Reactive FeSBA-15 Mesoporous Molecular Sieves. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5339-5345	9.6	124
789	Room temperature liquid fullerenes: an uncommon morphology of C60 derivatives. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 10384-5	16.4	123
788	First synthesis of phenylazomethine dendrimer ligands and structural studies. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 4414-20	16.4	122
787	Perfectly straight nanowires of fullerenes bearing long alkyl chains on graphite. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 6328-9	16.4	119
786	Preparations of Langmuir-Blodgett films of enzyme-lipid complexes: A glucose sensor membrane. <i>Thin Solid Films</i> , <b>1989</b> , 180, 65-72	2.2	119
785	Bioinspired nanoarchitectonics as emerging drug delivery systems. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 5149-5163	3.6	118
784	A Polymer-Electrolyte-Based Atomic Switch. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 93-99	15.6	117
783	Gold Nanoparticles Aggregation: Drastic Effect of Cooperative Functionalities in a Single Molecular Conjugate. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 2683-2690	3.8	114
782	Three-Dimensional Cage Type Mesoporous CN-Based Hybrid Material with Very High Surface Area and Pore Volume. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 4367-4372	9.6	114

781	Hierarchically Structured Fullerene C70 Cube for Sensing Volatile Aromatic Solvent Vapors. <i>ACS Nano</i> , <b>2016</b> , 10, 6631-7	16.7	112
780	Ultrathin films of charged polysaccharides assembled alternately with linear polyions. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>1998</b> , 9, 345-55	3.5	112
779	Molecular film assembly via layer-by-layer adsorption of oppositely charged macromolecules (linear polymer, protein and clay) and concanavalin A and glycogen. <i>Thin Solid Films</i> , <b>1996</b> , 284-285, 797-801	2.2	112
778	Immobilization of biomaterials to nano-assembled films (self-assembled monolayers, Langmuir-Blodgett films, and layer-by-layer assemblies) and their related functions. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 2278-301	1.3	111
777	Layer-by-Layer Self-Assembling of Liposomal Nanohybrid $\alpha$ -Lactalbumin Substrates. <i>Langmuir</i> , <b>2002</b> , 18, 6709-6711	4	111
776	$\beta$ -Cyclodextrin-crosslinked alginate gel for patient-controlled drug delivery systems: regulation of host-guest interactions with mechanical stimuli. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2155-2161	7.3	110
775	Enhanced imidazole-catalyzed RNA cleavage induced by a bis-alkylguanidinium receptor. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 362-364	16.4	110
774	Layer-by-layer architectures of concanavalin A by means of electrostatic and biospecific interactions. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 2313		109
773	Theoretical Study of Intermolecular Interaction at the Lipid/Water Interface. 1. Quantum Chemical Analysis Using a Reaction Field Theory. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 4810-4816	3.4	106
772	Soft 2D nanoarchitectonics. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 90-106	10.3	105
771	Mechanical tuning of molecular recognition to discriminate the single-methyl-group difference between thymine and uracil. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12868-70	16.4	105
770	Preparation of Organic-Inorganic Hybrid Vesicle $\alpha$ -Lactalbumin Derived from Artificial Lipid with Alkoxysilyl Head. <i>Chemistry Letters</i> , <b>1999</b> , 28, 661-662	1.7	105
769	Putting the 'N' in ACENE: pyrazinacenes and their structural relatives. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 5005-17	3.9	104
768	Biomaterials and biofunctionality in layered macromolecular assemblies. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 981-90	5.5	104
767	Color-tunable transparent mesoporous silica films: immobilization of one-dimensional columnar charge-transfer assemblies in aligned silicate nanochannels. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3414-7	16.4	102
766	Highly Ordered 1D Fullerene Crystals for Concurrent Control of Macroscopic Cellular Orientation and Differentiation toward Large-Scale Tissue Engineering. <i>Advanced Materials</i> , <b>2015</b> , 27, 4020-6	24	101
765	Kinetically controlled crystallization for synthesis of monodispersed coordination polymer nanocubes and their self-assembly to periodic arrangements. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 1882-5	4.8	100
764	A graphene-polyurethane composite hydrogel as a potential bioink for 3D bioprinting and differentiation of neural stem cells. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 8854-8864	7.3	100



763	Layer-by-layer assembly for drug delivery and related applications. <i>Expert Opinion on Drug Delivery</i> , <b>2011</b> , 8, 633-44	8	100
762	Molecular Recognition of Aqueous Dipeptides at Multiple Hydrogen-Bonding Sites of Mixed Peptide Monolayers. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 9545-9551	16.4	100
761	Dimensionally integrated nanoarchitectonics for a novel composite from 0D, 1D, and 2D nanomaterials: RGO/CNT/CeO <sub>2</sub> ternary nanocomposites with electrochemical performance. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 18480-18487	13	97
760	Carbon nanocage: a large-pore cage-type mesoporous carbon material as an adsorbent for biomolecules. <i>Journal of Porous Materials</i> , <b>2006</b> , 13, 379-383	2.4	97
759	Nanoporous carbon tubes from fullerene crystals as the Electron carbon source. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 951-5	16.4	96
758	Fabrication of partially graphitic three-dimensional nitrogen-doped mesoporous carbon using polyaniline nanocomposite through nanotemplating method. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 109, 398-404	5.3	96
757	Nanoarchitectonics for carbon-material-based sensors. <i>Analyst, The</i> , <b>2016</b> , 141, 2629-38	5	91
756	A Special Issue on: Advanced Materials for Nanoscience and Nanotechnology. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 1-2	1.3	91
755	Vortex-aligned fullerene nanowhiskers as a scaffold for orienting cell growth. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 15667-73	9.5	90
754	Langmuir Nanoarchitectonics from Basic to Frontier. <i>Langmuir</i> , <b>2019</b> , 35, 3585-3599	4	90
753	Block-copolymer-nanowires with nanosized domain segregation and high charge mobilities as stacked p/n heterojunction arrays for repeatable photocurrent switching. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 18030-1	16.4	90
752	Formation of metal clusters in halloysite clay nanotubes. <i>Science and Technology of Advanced Materials</i> , <b>2017</b> , 18, 147-151	7.1	89
751	Molecular Recognition of Aqueous Dipeptides by Noncovalently Aligned Oligoglycine Units at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 11833-11838	16.4	89
750	NMR spectroscopic detection of chirality and enantiopurity in referenced systems without formation of diastereomers. <i>Nature Communications</i> , <b>2013</b> , 4, 2188	17.4	88
749	Mechanochemical Tuning of the Binaphthyl Conformation at the Air-Water Interface. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8988-91	16.4	86
748	Open-mouthed metallic microcapsules: exploring performance improvements at agglomeration-free interiors. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14415-7	16.4	86
747	Controlling the textural parameters of mesoporous carbon materials. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 100, 20-26	5.3	86
746	Layer-by-Layer Assembly: Recent Progress from Layered Assemblies to Layered Nanoarchitectonics. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2553-2566	4.5	85

745	Anion-complexation-induced stabilization of charge separation. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16138-46	16.4	85
744	Self-Construction from 2D to 3D: One-Pot Layer-by-Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8426-30	16.4	84
743	Highly crystalline and conductive nitrogen-doped mesoporous carbon with graphitic walls and its electrochemical performance. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3390-7	4.8	83
742	Theoretical Study of Intermolecular Interaction at the Lipid/Water Interface. 2. Analysis Based on the Poisson-Boltzmann Equation. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 4817-4825	3.4	83
741	Preparation and catalytic performances of ultralarge-pore TiSBA-15 mesoporous molecular sieves with very high Ti content. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 801-6	3.4	83
740	Enzyme-Encapsulated Layer-by-Layer Assemblies: Current Status and Challenges Toward Ultimate Nanodevices. <i>Advances in Polymer Science</i> , <b>2010</b> , 51-87	1.3	82
739	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 1253-1260		82
738	A bottom-up approach toward fabrication of ultrathin PbS sheets. <i>Nano Letters</i> , <b>2013</b> , 13, 409-15	11.5	81
737	Molecular Patterning of a Guanidinium/Orotate Mixed Monolayer through Molecular Recognition with Flavin Adenine Dinucleotide. <i>Langmuir</i> , <b>1997</b> , 13, 519-524	4	81
736	Manipulating the stoichiometry and strength of phosphodiester binding to a bisguanidine cleft in DMSO/water solutions. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 417-419	4.2	81
735	Ultra narrow PbS nanorods with intense fluorescence. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 4594-5	16.4	80
734	Assemblies of biomaterials in mesoporous media. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 1510-32	1.3	80
733	Hierarchic Nanostructure for Auto-Modulation of Material Release: Mesoporous Nanocompartment Films. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 1792-1799	15.6	79
732	Permeability controllable membranes. 11. Polymerized monolayers of single-, double-, and triple-chain silane amphiphiles and permeation control through the monolayer-immobilized porous glass plate in an aqueous solution. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 5618-5622	16.4	79
731	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15424-15446	16.4	78
730	Tunable, functional carbon spheres derived from rapid synthesis of resorcinol-formaldehyde resins. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 10649-55	9.5	78
729	Bridging the Difference to the Billionth-of-a-Meter Length Scale: How to Operate Nanoscopic Machines and Nanomaterials by Using Macroscopic Actions. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 519-532	9.6	77
728	Aligned 1-D nanorods of a gelator exhibit molecular orientation and excitation energy transport different from entangled fiber networks. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8548-51	16.4	77

727	Ultrathin films of inorganic materials (SiO <sub>2</sub> nanoparticle, montmorillonite microplate, and molybdenum oxide) prepared by alternate layer-by-layer assembly with organic polyions. <i>Applied Clay Science</i> , <b>1999</b> , 15, 137-152	5.2	77
726	Don't Forget Langmuir-Blodgett Films 2020: Interfacial Nanoarchitectonics with Molecules, Materials, and Living Objects. <i>Langmuir</i> , <b>2020</b> , 36, 7158-7180	4	76
725	Supramolecular Chiral Nanoarchitectonics. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905657	24	76
724	Chiral sensing by nonchiral tetrapyrroles. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 521-9	24.3	76
723	Self-assembled microstructures of functional molecules. <i>Current Opinion in Colloid and Interface Science</i> , <b>2007</b> , 12, 106-120	7.6	76
722	Supramolecular Differentiation for Construction of Anisotropic Fullerene Nanostructures by Time-Programmed Control of Interfacial Growth. <i>ACS Nano</i> , <b>2016</b> , 10, 8796-802	16.7	75
721	Coupling of soft technology (layer-by-layer assembly) with hard materials (mesoporous solids) to give hierarchic functional structures. <i>Soft Matter</i> , <b>2009</b> , 5, 3562	3.6	75
720	Three-dimensional ultralarge-pore ia3d mesoporous silica with various pore diameters and their application in biomolecule immobilization. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 11529-38	4.8	75
719	Coordination nanoarchitectonics at interfaces between supramolecular and materials chemistry. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 320-321, 139-152	23.2	74
718	Nanoarchitectonics: what's coming next after nanotechnology?. <i>Nanoscale Horizons</i> , <b>2021</b> , 6, 364-378	10.8	73
717	Chiral recognition at the air-water interface. <i>Current Opinion in Colloid and Interface Science</i> , <b>2008</b> , 13, 23-30	7.6	72
716	Selective sensing performance of mesoporous carbon nitride with a highly ordered porous structure prepared from 3-amino-1,2,4-triazine. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2913	13	71
715	A paradigm shift in the field of molecular recognition at the air-water interface: from static to dynamic. <i>Soft Matter</i> , <b>2006</b> , 2, 465-477	3.6	71
714	Emerging trends in metal-containing block copolymers: synthesis, self-assembly, and nanomanufacturing applications. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 2080	7.1	70
713	Detection of the phase transition of Langmuir-Blodgett films on a quartz-crystal microbalance in an aqueous phase. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 9190-9194	16.4	70
712	Nanoarchitectonics: a navigator from materials to life. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 208-211	7.8	69
711	Novel Three Dimensional Cubic Fm3m Mesoporous Aluminosilicates with Tailored Cage Type Pore Structure and High Aluminum Content. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 640-651	15.6	69
710	Phase behavior of diglycerol fatty acid esters-nonpolar oil systems. <i>Langmuir</i> , <b>2006</b> , 22, 1449-54	4	68

709	Cobalt Oxide/Reduced Graphene Oxide Composite with Enhanced Electrochemical Supercapacitance Performance. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 955-962	5.1	67
708	Materials self-assembly and fabrication in confined spaces. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 10389		67
707	Low-temperature remediation of NO catalyzed by interleaved CuO nanoplates. <i>Advanced Materials</i> , <b>2014</b> , 26, 4481-5	24	66
706	A mechanically controlled indicator displacement assay. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9643-6	16.4	66
705	Effect of surface free energy on PDMS transfer in microcontact printing and its application to ToF-SIMS to probe surface energies. <i>Langmuir</i> , <b>2009</b> , 25, 5674-83	4	66
704	Interfacial nanoarchitectonics: lateral and vertical, static and dynamic. <i>Langmuir</i> , <b>2013</b> , 29, 8459-71	4	65
703	Phase behavior of monoglycerol fatty acid esters in nonpolar oils: reverse rodlike micelles at elevated temperatures. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 12266-73	3.4	65
702	Chromogenic indicator for anion reporting based on an N-substituted oxoporphyrinogen. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8288-96	5.1	65
701	Indium Oxide/Carbon Nanotube/Reduced Graphene Oxide Ternary Nanocomposite with Enhanced Electrochemical Supercapacitance. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 521-528	5.1	65
700	Shape-dependent confinement in ultrasmall zero-, one-, and two-dimensional PbS nanostructures. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11282-3	16.4	64
699	Effect of Melamine-Amphiphile Structure on the Extent of Two-Dimensional Hydrogen-Bonded Networks Incorporating Barbituric Acid. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 1077-1082	4.8	64
698	Tunable pK of amino acid residues at the air-water interface gives an L-zyne (langmuir enzyme). <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12074-80	16.4	64
697	Silica-supported biomimetic membranes. <i>Chemical Record</i> , <b>2004</b> , 3, 297-307	6.6	64
696	Multisite Recognition of Aqueous Dipeptides by Oligoglycine Arrays Mixed with Guanidinium and Other Receptor Units at the Air/Water Interface. <i>Langmuir</i> , <b>1999</b> , 15, 3875-3885	4	64
695	Mesoporous graphitic carbon microtubes derived from fullerene C70 tubes as a high performance electrode material for advanced supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 13899-13906 <sup>13</sup>		64
694	Carbon Nanosheets by Morphology-Retained Carbonization of Two-Dimensional Assembled Anisotropic Carbon Nanorings. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9679-9683	16.4	63
693	Activated interiors of clay nanotubes for agglomeration-tolerant automotive exhaust remediation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 6614-6619	13	63
692	Composite Nanoarchitectonics for Ternary Systems of Reduced Graphene Oxide/Carbon Nanotubes/Nickel Oxide with Enhanced Electrochemical Capacitor Performance. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2015</b> , 25, 267-274	3.2	63

691	Layer-by-Layer Films of Graphene and Ionic Liquids for Highly Selective Gas Sensing. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 9931-9933	3.6	63
690	Surfactant-assisted assembly of fullerene (C60) nanorods and nanotubes formed at a liquid-liquid interface. <i>Langmuir</i> , <b>2013</b> , 29, 7195-202	4	62
689	Nuclear magnetic resonance signaling of molecular chiral information using an achiral reagent. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9494-5	16.4	62
688	Supramolecular 1-D polymerization of DNA origami through a dynamic process at the 2-dimensionally confined air-water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 12576-81	3.6	62
687	Adsorption myoglobin over mesoporous silica molecular sieves: Pore size effect and pore-filling model. <i>Materials Science and Engineering C</i> , <b>2007</b> , 27, 232-236	8.3	61
686	Association between amphiphilic cyclodextrins and cholesterol in mixed insoluble monolayers at the air-water interface. <i>Langmuir</i> , <b>1989</b> , 5, 111-113	4	61
685	Demonstration of ultrarapid interfacial formation of 1D fullerene nanorods with photovoltaic properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 15597-603	9.5	60
684	In situ electrochemical deposition and doping of C60 films applied to high-performance inverted organic photovoltaics. <i>Advanced Materials</i> , <b>2012</b> , 24, 5727-31	24	60
683	Adsorption study of heme proteins on SBA-15 mesoporous silica with pore-filling models. <i>Thin Solid Films</i> , <b>2006</b> , 499, 13-18	2.2	60
682	Alcohol-induced decomposition of Olmstead's crystalline Ag(I)fullerene heteronanostructure yields Bucky cubes. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 1174-1181	7.1	59
681	Paradigm shift from self-assembly to commanded assembly of functional materials: recent examples in porphyrin/fullerene supramolecular systems. <i>Science and Technology of Advanced Materials</i> , <b>2012</b> , 13, 053001	7.1	59
680	Langmuir monolayers of a cholesterol-armed cyclen complex that can control enantioselectivity of amino acid recognition by surface pressure. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4895-900	3.6	59
679	Research Update: Mesoporous sensor nanoarchitectonics. <i>APL Materials</i> , <b>2014</b> , 2, 030701	5.7	57
678	Nanoporous carbon sensor with cage-in-fiber structure: highly selective aniline adsorbent toward cancer risk management. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 2930-4	9.5	57
677	Dynamic breathing of CO2 by hydrotalcite. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18040-3	16.4	57
676	Intentional Closing/Opening of "Hole-in-Cube" Fullerene Crystals with Microscopic Recognition Properties. <i>ACS Nano</i> , <b>2017</b> , 11, 7790-7796	16.7	57
675	Alternately Assembled Ultrathin Film of Silica Nanoparticles and Linear Polycations. <i>Chemistry Letters</i> , <b>1997</b> , 26, 125-126	1.7	57
674	Control of nano/molecular systems by application of macroscopic mechanical stimuli. <i>Chemical Science</i> , <b>2011</b> , 2, 195-203	9.4	56

- 673 High purity graphenes prepared by a chemical intercalation method. *Nanoscale*, **2010**, 2, 2139-43 7.7 56
- 672 Solid surface vs. liquid surface: nanoarchitectonics, molecular machines, and DNA origami. *Physical Chemistry Chemical Physics*, **2017**, 19, 23658-23676 3.6 55
- 671 Atom/molecular nanoarchitectonics for devices and related applications. *Nano Today*, **2019**, 28, 100762 17.9 55
- 670 Shell-adjustable hollow soft silica spheres as a support for gold nanoparticles. *Journal of Materials Chemistry A*, **2013**, 1, 3600 13 55
- 669 Pyrazinacenes: aza analogues of acenes. *Journal of Organic Chemistry*, **2009**, 74, 8914-23 4.2 55
- 668 Wormlike micelles in mixed amino acid-based anionic/nonionic surfactant systems. *Journal of Colloid and Interface Science*, **2008**, 322, 596-604 9.3 55
- 667 Template-assisted nano-patterning: from the submicron scale to the submolecular level. *Journal of Nanoscience and Nanotechnology*, **2004**, 4, 23-34 1.3 55
- 666 Mesoporous carbon cubes derived from fullerene crystals as a high rate performance electrode material for supercapacitors. *Journal of Materials Chemistry A*, **2019**, 7, 12654-12660 13 54
- 665 Pt-free solar driven photoelectrochemical hydrogen fuel generation using 1T MoS<sub>2</sub> co-catalyst assembled CdS QDs/TiO<sub>2</sub> photoelectrode. *Chemical Communications*, **2015**, 51, 522-5 5.8 54
- 664 Dynamism of Supramolecular DNA/RNA Nanoarchitectonics: From Interlocked Structures to Molecular Machines. *Bulletin of the Chemical Society of Japan*, **2020**, 93, 581-603 5.1 54
- 663 Self-assembly: from amphiphiles to chromophores and beyond. *Molecules*, **2014**, 19, 8589-609 4.8 54
- 662 Gold Nanoparticles Embedded in a Mesoporous Carbon Nitride Stabilizer for Highly Efficient Three-Component Coupling Reaction. *Angewandte Chemie*, **2010**, 122, 6097-6101 3.6 54
- 661 Activated Porous Carbon Spheres with Customized Mesopores through Assembly of Diblock Copolymers for Electrochemical Capacitor. *ACS Applied Materials & Interfaces*, **2017**, 9, 18986-18993 9.5 53
- 660 Nanoporous Activated Carbons Derived from Agro-Waste Corncob for Enhanced Electrochemical and Sensing Performance. *Bulletin of the Chemical Society of Japan*, **2015**, 88, 1108-1115 5.1 53
- 659 Ubiquinone-rhodol (UQ-Rh) for fluorescence imaging of NAD(P)H through intracellular activation. *Angewandte Chemie - International Edition*, **2014**, 53, 3993-5 16.4 53
- 658 Supramolecular templates for nanoflake-metal surfaces. *Chemistry - A European Journal*, **2009**, 15, 2763-7 7.8 53
- 657 Interfaces Working for Biology: Solving Biological Mysteries and Opening Up Future Nanoarchitectonics. *ChemNanoMat*, **2016**, 2, 333-343 3.5 53
- 656 Highly ordered macro-mesoporous carbon nitride film for selective detection of acidic/basic molecules. *Chemical Communications*, **2014**, 50, 5976-9 5.8 52

655	Intelligent chiral sensing based on supramolecular and interfacial concepts. <i>Sensors</i> , <b>2010</b> , 10, 6796-820	3.8	52
654	Recognition of aqueous flavin mononucleotide on the surface of binary monolayers of guanidinium and melamine amphiphiles. <i>Journal of Materials Chemistry</i> , <b>1997</b> , 7, 1155-1161		52
653	Evolution of molecular machines: from solution to soft matter interface. <i>Soft Matter</i> , <b>2012</b> , 8, 15-20	3.6	51
652	Flake-shell capsules: adjustable inorganic structures. <i>Small</i> , <b>2012</b> , 8, 2345-9	11	51
651	Nanorod-Driven Orientational Control of Liquid Crystal for Polarization-Tailored Electro-Optic Devices. <i>Advanced Materials</i> , <b>2009</b> , 21, 989-993	24	51
650	Tetrafluoroborate salts as site-selective promoters for sol-gel synthesis of mesoporous silica. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 9013-6	16.4	51
649	Multi-site Recognition of Flavin Adenine Dinucleotide by Mixed Monolayers on Water. <i>Chemistry Letters</i> , <b>1995</b> , 24, 701-702	1.7	50
648	Visual Detection of Cesium Ions in Domestic Water Supply or Seawater using a Nano-optode. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 678-683	5.1	49
647	Current-Driven Supramolecular Motor with In Situ Surface Chiral Directionality Switching. <i>Nano Letters</i> , <b>2015</b> , 15, 4793-8	11.5	49
646	Nanoarchitectonics. <i>Japanese Journal of Applied Physics</i> , <b>2016</b> , 55, 1102A6	1.4	49
645	Rapid exchange between atmospheric CO <sub>2</sub> and carbonate anion intercalated within magnesium rich layered double hydroxide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 18352-9	9.5	49
644	Multi-Dimensional Control of Surfactant-Guided Assemblies of Quantum Gold Particles. <i>Advanced Materials</i> , <b>2008</b> , 20, 4027-4032	24	49
643	Highly Networked Capsular Silica-Porphyrin Hybrid Nanostructures as Efficient Materials for Acetone Vapor Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9945-9954	9.5	48
642	Langmuir nanoarchitectonics: one-touch fabrication of regularly sized nanodisks at the air-water interface. <i>Langmuir</i> , <b>2013</b> , 29, 7239-48	4	48
641	How molecules accommodate a 2D crystal lattice mismatch: an unusual 'mixed' conformation of tetraphenylporphyrin. <i>Physical Chemistry Chemical Physics</i> , <b>2006</b> , 8, 5034-7	3.6	48
640	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905942	24	48
639	Molecular Recognition between 2,4,6-Triaminopyrimidine Lipid Monolayers and Complementary Barbituric Molecules at the Air/Water Interface: Effects of Hydrophilic Spacer, Ionic Strength, and pH. <i>Langmuir</i> , <b>1998</b> , 14, 5164-5171	4	47
638	Increasing the Potential Interacting Area of Nanomedicine Enhances Its Homotypic Cancer Targeting Efficacy. <i>ACS Nano</i> , <b>2020</b> , 14, 3259-3271	16.7	46

637	Mesoporous fullerene C70 cubes with highly crystalline frameworks and unusually enhanced photoluminescence properties. <i>Materials Horizons</i> , <b>2018</b> , 5, 285-290	14.4	46
636	Charge-free reverse wormlike micelles in nonaqueous media. <i>Langmuir</i> , <b>2011</b> , 27, 2340-8	4	46
635	Catalysis of a peptidic micellar assembly covalently immobilized within mesoporous silica channels: importance of amphiphilic spatial design. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1731-6	4.8	46
634	Structure of nonionic surfactant (glycerol alpha-monomyristate) micelles in organic solvents: a SAXS study. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 6290-8	3.4	45
633	Materials Nanoarchitectonics as Cell Regulators. <i>ChemNanoMat</i> , <b>2019</b> , 5, 692-702	3.5	44
632	Thin Film Nanoarchitectonics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2015</b> , 25, 466-479	3.2	44
631	Naked-eye discrimination of methanol from ethanol using composite film of oxoporphyrinogen and layered double hydroxide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 5927-30	9.5	44
630	Operation of micro and molecular machines: a new concept with its origins in interface science. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4802-11	3.6	44
629	Fabrication and textural characterization of nanoporous carbon electrodes embedded with CuO nanoparticles for supercapacitors. <i>Science and Technology of Advanced Materials</i> , <b>2011</b> , 12, 044602	7.1	44
628	Syntheses and Interfacial Hydrogen-Bonded Network of Hexaalkyl Tris(Melamine) Amphiphiles. <i>Langmuir</i> , <b>1997</b> , 13, 5426-5432	4	44
627	Shape, size, and structural control of reverse micelles in diglycerol monomyristate nonionic surfactant system. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 1664-71	3.4	44
626	Modulated Supramolecular Assemblies Composed of Tripeptide Derivatives: Formation of Micrometer-Scale Rods, Nanometer-Size Needles, and Regular Patterns with Molecular-Level Flatness from the Same Compound. <i>Langmuir</i> , <b>2000</b> , 16, 4929-4939	4	44
625	Modulation of Mesenchymal Stem Cells Mechanosensing at Fluid Interfaces by Tailored Self-Assembled Protein Monolayers. <i>Small</i> , <b>2019</b> , 15, e1804640	11	44
624	Surfactant-Triggered Nanoarchitectonics of Fullerene C Crystals at a Liquid-Liquid Interface. <i>Langmuir</i> , <b>2016</b> , 32, 12511-12519	4	43
623	By what means should nanoscaled materials be constructed: molecule, medium, or human?. <i>Nanoscale</i> , <b>2010</b> , 2, 198-214	7.7	43
622	Quasi 2D Mesoporous Carbon Microbelts Derived from Fullerene Crystals as an Electrode Material for Electrochemical Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 44458-44465	9.5	43
621	Engineered functionalized 2D nanoarchitectures for stimuli-responsive drug delivery. <i>Materials Horizons</i> , <b>2020</b> , 7, 455-469	14.4	43
620	Suppression of Myogenic Differentiation of Mammalian Cells Caused by Fluidity of a Liquid-Liquid Interface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 30553-30560	9.5	42



619	Conformation Manipulation and Motion of a Double Paddle Molecule on an Au(111) Surface. <i>ACS Nano</i> , <b>2017</b> , 11, 10357-10365	16.7	42
618	Viscoelastic wormlike micelles of long polyoxyethylene chain phytosterol with lipophilic nonionic surfactant in aqueous solution. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 3043-50	3.4	42
617	Regulating the stability of 2D crystal structures using an oxidation state-dependent molecular conformation. <i>Chemical Communications</i> , <b>2006</b> , 2320-2	5.8	42
616	Preparation and Surface Modification of Novel Vesicular Nano-Particle [Terosome] with Liposomal Bilayer and Silicate Surface. <i>Journal of Sol-Gel Science and Technology</i> , <b>2003</b> , 26, 393-396	2.3	42
615	Preparation of highly ordered mesoporous ALSBA-15 and its application to isopropylation of m-cresol. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 235, 57-66		42
614	Signal transduction mediated by artificial cell-surface receptors: activation of lactate dehydrogenase triggered by molecular recognition and phase reorganization of bile acid derivatives embedded in a synthetic bilayer membrane. <i>Chemical Communications</i> , <b>1999</b> , 547-548	5.8	42
613	Alternate Layer-by-Layer Assembly of Organic Dyes and Proteins is Facilitated by Pre-mixing with Linear Polyions. <i>Chemistry Letters</i> , <b>1997</b> , 26, 25-26	1.7	41
612	Heteropoly acid encapsulated SBA-15/TiO <sub>2</sub> nanocomposites and their unusual performance in acid-catalysed organic transformations. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3200-12	4.8	41
611	Self-Assembly Structures of a Phenol-Substituted Porphyrin in the Solid State: Hydrogen Bonding, Kagom[ Lattice, and Defect Tolerance. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 16174-16180	3.8	41
610	Atomic force microscopic observation of a dialkylmelamine monolayer on barbituric acid. <i>Chemical Communications</i> , <b>1996</b> , 1769	5.8	41
609	Mesoporous Alumina as an Effective Adsorbent for Molybdenum (Mo) toward Instant Production of Radioisotope for Medical Use. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 1174-1179	5.1	40
608	Nanoarchitectonics from Atom to Life. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 718	4.5	40
607	Colorimetric detection of trace water in tetrahydrofuran using N,N'-substituted oxoporphyrinogens. <i>Chemical Communications</i> , <b>2012</b> , 48, 3933-5	5.8	40
606	Enhanced supercapacitor performance of N-doped mesoporous carbons prepared from a gelatin biomolecule. <i>ChemPhysChem</i> , <b>2013</b> , 14, 1563-9	3.2	40
605	The Simplest Layer-by-Layer Assembly Structure: Best Paired Polymer Electrolytes with One Charge per Main Chain Carbon Atom for Multilayered Thin Films. <i>Macromolecules</i> , <b>2010</b> , 43, 3947-3955	5.5	40
604	Fabrication of Nanoporous Carbon Materials with Hard- and Soft-Templating Approaches: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 3673-3685	1.3	39
603	Design of Low Pt Concentration Electrocatalyst Surfaces with High Oxygen Reduction Reaction Activity Promoted by Formation of a Heterogeneous Interface between Pt and CeO(x) Nanowire. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9059-70	9.5	39
602	Mechanically Induced Opening-Closing Action of Binaphthyl Molecular Pliers: Digital Phase Transition versus Continuous Conformational Change. <i>ChemPhysChem</i> , <b>2017</b> , 18, 1470-1474	3.2	39

601	Recent developments in supramolecular approach for nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 21-33	1.3	39
600	Molecularly Flat Films of Linear Polyions and Proteins Obtained by the Alternate Adsorption Method. <i>Japanese Journal of Applied Physics</i> , <b>1997</b> , 36, L1608-L1611	1.4	39
599	Preparation and characterization of novel microporous carbon nitride with very high surface area via nanocasting technique. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 108, 340-344	5.3	39
598	Monolayer studies of single-chain polyprenyl phosphates. <i>Langmuir</i> , <b>2005</b> , 21, 4578-83	4	39
597	Two-dimensional Molecular Patterning through Molecular Recognition. <i>Chemistry Letters</i> , <b>1996</b> , 25, 411-412	4.7	39
596	A Theoretical Interpretation of Remarkable Enhancement of Intermolecular Binding at the Lipid-Water Interface. <i>Chemistry Letters</i> , <b>1995</b> , 24, 1001-1002	1.7	39
595	Nano Trek Beyond: Driving Nanocars/Molecular Machines at Interfaces. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1266-1278	4.5	38
594	Superior thermoelasticity and shape-memory nanopores in a porous supramolecular organic framework. <i>Nature Communications</i> , <b>2016</b> , 7, 11564	17.4	38
593	Supercapacitive hybrid materials from the thermolysis of porous coordination nanorods based on a catechol porphyrin. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5737-5744	13	38
592	Jute-derived microporous/mesoporous carbon with ultra-high surface area using a chemical activation process. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 274, 251-256	5.3	38
591	Structure of polyglycerol oleic acid ester nonionic surfactant reverse micelles in decane: growth control by headgroup size. <i>Langmuir</i> , <b>2010</b> , 26, 7015-24	4	38
590	Unusual magnetic properties of size-controlled iron oxide nanoparticles grown in a nanoporous matrix with tunable pores. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7358-61	16.4	38
589	Viscoelastic wormlike micelles in mixed nonionic fluorocarbon surfactants and structural transition induced by oils. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 1615-22	3.4	38
588	Langmuir films of unusual components. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 3-18	1.3	38
587	Antibacterial Effect of Silver-Incorporated Flake-Shell Nanoparticles under Dual-Modality. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 18922-9	9.5	38
586	Nanoarchitectonics for Coordination Asymmetry and Related Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 839-859	5.1	38
585	Sintering-Resistant Nanoparticles in Wide-Mouthed Compartments for Sustained Catalytic Performance. <i>Scientific Reports</i> , <b>2017</b> , 7, 41773	4.9	37
584	Soft Nanoarchitectonics for Enantioselective Biosensing. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 644-653	4.3	37

583	Molybdenum Adsorption Properties of Alumina-Embedded Mesoporous Silica for Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 195-200	5.1	37
582	Monolayers at air-water interfaces: from origins-of-life to nanotechnology. <i>Chemical Record</i> , <b>2011</b> , 11, 199-211	6.6	37
581	Nanomosaic: formation of nanodomains confined in a two-dimensional molecular plane. <i>Langmuir</i> , <b>2008</b> , 24, 1682-5	4	37
580	Characterization and catalytic performances of three-dimensional mesoporous FeSBA-1 catalysts. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 11924-31	3.4	37
579	Construction of Coordination Nanosheets Based on Tris(2,2'-bipyridine)-Iron (Fe) Complexes as Potential Electrochromic Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 11893-11903	9.5	37
578	Detection of ethanol in alcoholic beverages or vapor phase using fluorescent molecules embedded in a nanofibrous polymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6189-94	9.5	36
577	Nanoporous carbon materials with enhanced supercapacitance performance and non-aromatic chemical sensing with C/C alcohol discrimination. <i>Science and Technology of Advanced Materials</i> , <b>2016</b> , 17, 483-492	7.1	36
576	Chiral guest binding as a probe of macrocycle dynamics and tautomerism in a conjugated tetrapyrrole. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2112-8	16.4	36
575	Bioactive flake-shell capsules: soft silica nanoparticles for efficient enzyme immobilization. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 3248-3256	7.3	36
574	Real time self-assembly and reassembly of molecular nanowires of trigeminal amphiphile porphyrins. <i>Chemical Communications</i> , <b>2011</b> , 47, 2285-7	5.8	36
573	Rheology of wormlike micelles in aqueous systems of a mixed amino acid-based anionic surfactant and cationic surfactant. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 1305-1315	2.4	36
572	Tunable parameters for the structural control of reverse micelles in glycerol monoisostearate/oil systems: a SAXS study. <i>Langmuir</i> , <b>2009</b> , 25, 4435-42	4	36
571	Supramolecular triad and pentad composed of zinc-porphyrin(s), oxoporphyrinogen, and fullerene(s): design and electron-transfer studies. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4628-35	4.8	36
570	Frictional properties of monomolecular layers of silane compounds. <i>Thin Solid Films</i> , <b>1989</b> , 180, 287-291	2.2	36
569	Visually resolving the direct Z-scheme heterojunction in CdS@ZnIn <sub>2</sub> S <sub>4</sub> hollow cubes for photocatalytic evolution of H <sub>2</sub> and H <sub>2</sub> O <sub>2</sub> from pure water. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 293, 120213	21.8	36
568	Molecular rotors confined at an ordered 2D interface. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 3073-3078	3.5	35
567	From Chromonic Self-Assembly to Hollow Carbon Nanofibers: Efficient Materials in Supercapacitor and Vapor-Sensing Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31231-31238	9.5	35
566	Neural differentiation on aligned fullerene C nanowhiskers. <i>Chemical Communications</i> , <b>2017</b> , 53, 11024-11027	10.27	35

565	Promoted C=C bond cleavage over intermetallic TaPt <sub>3</sub> catalyst toward low-temperature energy extraction from ethanol. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 1685-1689	35.4	35
564	Nanoarchitectonics of molecular aggregates: science and technology. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 390-401	1.3	35
563	Enhanced photocurrents via redox modulation by fluoride binding to oxoporphyrinogen in a zinc porphyrin-oxoporphyrinogen surface modified TiO <sub>2</sub> supramolecular solar cell. <i>Chemical Communications</i> , <b>2011</b> , 47, 6003-5	5.8	35
562	Phase behavior and self-organized structures of diglycerol monolaurate in different nonpolar organic solvents. <i>Langmuir</i> , <b>2007</b> , 23, 6606-13	4	35
561	Hexagonally ordered mesoporous highly acidic ALSBA-15 with different morphology: An efficient catalyst for acetylation of aromatics. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 116, 108-115	5.3	35
560	Selective CO Capture and High Proton Conductivity of a Functional Star-of-David Catenane Metal-Organic Framework. <i>Advanced Materials</i> , <b>2017</b> , 29, 1703301	24	34
559	Ratiometric immunoassays built from synergistic photonic absorption of size-diverse semiconducting MoS <sub>2</sub> nanostructures. <i>Materials Horizons</i> , <b>2019</b> , 6, 563-570	14.4	34
558	Small-angle X-ray scattering (SAXS) study on nonionic fluorinated micelles in aqueous system. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 316, 815-24	9.3	34
557	Developments in Molecular Recognition and Sensing at Interfaces. <i>International Journal of Molecular Sciences</i> , <b>2007</b> , 8, 864-883	6.3	34
556	Driving nanocars and nanomachines at interfaces: From concept of nanoarchitectonics to actual use in world wide race and hand operation. <i>Japanese Journal of Applied Physics</i> , <b>2016</b> , 55, 1102A2	1.4	34
555	Materials Nanoarchitectonics for Mechanical Tools in Chemical and Biological Sensing. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 3366-3377	4.5	34
554	Template-Free Fabrication of Mesoporous Alumina Nanospheres Using Post-Synthesis Water-Ethanol Treatment of Monodispersed Aluminium Glycerate Nanospheres for Molybdenum Adsorption. <i>Small</i> , <b>2018</b> , 14, e1800474	11	34
553	Hollow carbon nanospheres using an asymmetric triblock copolymer structure directing agent. <i>Chemical Communications</i> , <b>2016</b> , 53, 236-239	5.8	33
552	Hierarchically Ordered Porous CoOOH Thin-Film Electrodes for High-Performance Supercapacitors. <i>ChemElectroChem</i> , <b>2015</b> , 2, 497-502	4.3	33
551	Simultaneous electropolymerization and electro-click functionalization for highly versatile surface platforms. <i>ACS Nano</i> , <b>2014</b> , 8, 5240-8	16.7	33
550	In situ switching layer-by-layer assembly: one-pot rapid layer assembly via alternation of reductive and oxidative electropolymerization. <i>Chemical Communications</i> , <b>2013</b> , 49, 6879-81	5.8	33
549	Effect of lipophilic tail architecture and solvent engineering on the structure of trehalose-based nonionic surfactant reverse micelles. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 12008-17	3.4	33
548	Intrinsic parameters for the structure control of nonionic reverse micelles in styrene: SAXS and rheometry studies. <i>Langmuir</i> , <b>2011</b> , 27, 5862-73	4	33

- 547 Control of enzymic activity by artificial cell-surface receptors. *Journal of Molecular Catalysis B: Enzymatic*, **2001**, 11, 977-984 33
- 546 In situ Characterization of Langmuir-Blodgett Films during a Transfer Process. Evaluation of Transfer Ratio and Water Incorporation by Using a Quartz Crystal Microbalance. *Langmuir*, **1994**, 10, 3254-3259<sup>33</sup>
- 545 Toxicity of Two-Dimensional Layered Materials and Their Heterostructures. *Bioconjugate Chemistry*, **2019**, 30, 2287-2299 6.3 32
- 544 Commentary: Nanoarchitectonics—Think about NANO again. *APL Materials*, **2015**, 3, 061001 5.7 32
- 543 Silica-based gene reverse transfection: an upright nanosheet network for promoted DNA delivery to cells. *Chemical Communications*, **2012**, 48, 8496-8 5.8 32
- 542 Ultranarrow PbS Nanorod-Nematic Liquid Crystal Blend for Enhanced Electro-optic Properties. *ACS Applied Materials & Interfaces*, **2010**, 2, 2759-2766 9.5 32
- 541 Size controlled ultranarrow PbS nanorods: spectroscopy and robust stability. *Journal of Materials Chemistry*, **2011**, 21, 5671 32
- 540 Silicotungstic acid/zirconia immobilized on SBA-15 for esterifications. *Journal of Molecular Catalysis A*, **2007**, 271, 46-56 32
- 539 Highly active three-dimensional cage type mesoporous aluminosilicates and their catalytic performances in the acetylation of aromatics. *Microporous and Mesoporous Materials*, **2008**, 114, 303-311<sup>5.3</sup> 32
- 538 Structures, Spectral and Electrochemical Properties of N-(Naphth-2-ylmethyl)-Appended Porphyrinogens. *European Journal of Organic Chemistry*, **2005**, 2005, 2893-2902 3.2 32
- 537 Inter-Peptide Hydrogen Bonding in Monolayers of Oligoglycine Amphiphiles. *Bulletin of the Chemical Society of Japan*, **1996**, 69, 163-168 5.1 32
- 536 Recent Progresses in Bio-Inorganic Nanohybrids. *Current Nanoscience*, **2006**, 2, 197-210 1.4 32
- 535 Nanoarchitectonics from Molecular Units to Living-Creature-Like Motifs. *Chemical Record*, **2018**, 18, 676-685 31
- 534 Molecular cavity nanoarchitectonics for biomedical application and mechanical cavity manipulation. *CrystEngComm*, **2016**, 18, 4890-4899 3.3 31
- 533 Review of advanced sensor devices employing nanoarchitectonics concepts. *Beilstein Journal of Nanotechnology*, **2019**, 10, 2014-2030 3 31
- 532 Structural requirements for producing solvent-free room temperature liquid fullerenes. *Langmuir*, **2013**, 29, 5337-44 4 31
- 531 Mechanical stretch for tunable wetting from topological PDMS film. *Soft Matter*, **2013**, 9, 4236 3.6 31
- 530 Micrometer-level naked-eye detection of caesium particulates in the solid state. *Science and Technology of Advanced Materials*, **2013**, 14, 015002 7.1 31

529	An Artificial Signal Transduction System. Control of Lactate Dehydrogenase Activity Performed by an Artificial Cell-surface Receptor. <i>Chemistry Letters</i> , <b>1999</b> , 28, 253-254	1.7	31
528	Self-Assembled Fullerene Crystals as Excellent Aromatic Vapor Sensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	31
527	Nanoarchitectonics Revolution and Evolution: From Small Science to Big Technology. <i>Small Science</i> , <b>2021</b> , 1, 2000032		31
526	Nonionic amphiphile nanoarchitectonics: self-assembly into micelles and lyotropic liquid crystals. <i>Nanotechnology</i> , <b>2015</b> , 26, 204002	3.4	30
525	Intracellular imaging of cesium distribution in Arabidopsis using Cesium Green. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 8208-11	9.5	30
524	Rational Design and Synthesis of Cyano-Bridged Coordination Polymers with Precise Control of Particle Size from 20 to 500 nm. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3141-3145	2.3	30
523	Reversible photoredox switching of porphyrin-bridged bis-2,6-di-tert-butylphenols. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16119-26	16.4	30
522	Comparative study on the magnetic properties of iron oxide nanoparticles loaded on mesoporous silica and carbon materials with different structure. <i>Microporous and Mesoporous Materials</i> , <b>2009</b> , 121, 178-184	5.3	30
521	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 10559-10572	3.8	30
520	Real-time STM observation of molecular dynamics on a metal surface. <i>Surface Science</i> , <b>2007</b> , 601, 3984-3987	3.8	30
519	The evolution of molecular machines through interfacial nanoarchitectonics: from toys to tools. <i>Chemical Science</i> , <b>2020</b> , 11, 10594-10604	9.4	30
518	Dynamic Control of Intramolecular Rotation by Tuning the Surrounding Two-Dimensional Matrix Field. <i>ACS Nano</i> , <b>2019</b> , 13, 2410-2419	16.7	29
517	Atomic architectonics, nanoarchitectonics and microarchitectonics for strategies to make junk materials work as precious catalysts. <i>CrystEngComm</i> , <b>2016</b> , 18, 6770-6778	3.3	29
516	Nanoarchitectonics to prepare practically useful artificial enzymes. <i>Molecular Catalysis</i> , <b>2019</b> , 475, 110492-110493	3.3	29
515	Synthesis and electrocatalytic performance of atomically ordered nickel carbide (Ni <sub>3</sub> C) nanoparticles. <i>Chemical Communications</i> , <b>2014</b> , 50, 6451-3	5.8	29
514	Porphyrin colorimetric indicators in molecular and nano-architectures. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 2969-93	1.3	29
513	Effect of guest capture modes on molecular recognition by a dynamic cavity array at the air-water interface: soft vs. tight and fast vs. slow. <i>Soft Matter</i> , <b>2005</b> , 1, 132-137	3.6	29
512	In situ weighing of water-deposited Langmuir-Blodgett films on a piezoelectric quartz plate. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1987</b> , 1535-1537		29

511	Permeation control by a phase transition of the dialkylsilane monolayer immobilized on a porous glass plate. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 1069		29
510	Soft material nanoarchitectonics at interfaces: molecular assembly, nanomaterial synthesis, and life control. <i>Molecular Systems Design and Engineering</i> , <b>2019</b> , 4, 49-64	4.6	28
509	Going beyond the self-assembled monolayer: metal intercalated dithiol multilayers and their conductance. <i>RSC Advances</i> , <b>2014</b> , 4, 39657-39666	3.7	28
508	Supramolecular approaches to biological therapy. <i>Expert Opinion on Biological Therapy</i> , <b>2009</b> , 9, 307-20	5.4	28
507	Control of molecular ordering in guanidinium-functionalized monolayer by carboxylate template molecules. <i>Chemical Communications</i> , <b>1997</b> , 1357-1358	5.8	28
506	Nanostructured microspheres of MnO <sub>2</sub> formed by room temperature solution processing. <i>Chemical Communications</i> , <b>2008</b> , 383-5	5.8	28
505	Halogen-free acylation of toluene over FeSBA-1 molecular sieves. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 100, 87-94	5.3	28
504	Functional capsule membranes. Part 22. The electrical breakdown and permeability control of a bilayer-corked capsule membrane in an external electric field. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 2863-2869	16.4	28
503	BiVO <sub>4</sub> /RGO hybrid nanostructure for high performance electrochemical supercapacitor. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 409-418	3.3	28
502	Large-Area Aligned Fullerene Nanocrystal Scaffolds as Culture Substrates for Enhancing Mesenchymal Stem Cell Self-Renewal and Multipotency. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 6497-6506	5.6	27
501	Enhanced Adsorption Selectivity of Aromatic Vapors in Carbon Capsule Film by Control of Surface Surfactants on Carbon Capsule. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 391-397	5.1	27
500	Mechanical and Physicochemical Properties of Newly Formed ZnO-PMMA Nanocomposites for Denture Bases. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	27
499	Fabrication of a nano-structured Pt-loaded cerium oxide nanowire and its anode performance in the methanol electro-oxidation reaction. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 6262	13	27
498	Chirality sensing by nonchiral porphines. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3558-61	4.8	27
497	Synthesis of highly acidic and well ordered MgAl-MCM-41 and its catalytic performance on the isopropylation of m-cresol. <i>Microporous and Mesoporous Materials</i> , <b>2004</b> , 76, 91-98	5.3	27
496	Dynamic behavior of a transmembrane molecular switch as an artificial cell-surface receptor. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2001</b> , 11, 971-976		27
495	Nanosheet transfection: effective transfer of naked DNA on silica glass. <i>NPG Asia Materials</i> , <b>2015</b> , 7, e1842	18.4	26
494	Nanoarchitectonics of Nanoporous Carbon Materials in Supercapacitors Applications. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	26

493	BODIPY based hyperbranched conjugated polymers for detecting organic vapors. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4213-4225	4.9	26
492	Mesoporous architectures with highly crystallized frameworks. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 12096-12103	13	26
491	Fine tuning of the supercapacitive performance of nanoporous carbon electrodes with different pore diameters. <i>Electrochimica Acta</i> , <b>2012</b> , 77, 256-261	6.7	26
490	Novel block copolymer templates for tuning mesopore connectivity in cage-type mesoporous silica films. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 20008		26
489	Toward volatile and nonvolatile molecular memories: fluorescence switching based on fluoride-triggered interconversion of simple porphyrin derivatives. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 2486-90	4.8	26
488	Diverse self-assembly in soluble oligoazaacenes: a microscopy study. <i>Langmuir</i> , <b>2009</b> , 25, 8408-13	4	26
487	Highly effective electrochemical anion sensing based on oxoporphyrinogen. <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 2751-2754	5.1	26
486	Lysozyme adsorption onto mesoporous materials: effect of pore geometry and stability of adsorbents. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 828-32	1.3	26
485	Hydrophobic vitamin B12. Part 18. Preparation of a sol-gel modified electrode trapped with a vitamin B12 derivative and its photoelectrochemical reactivity. <i>Dalton Transactions</i> , <b>2003</b> , 2308-2312	4.3	26
484	Specific binding of iodide ion to N-confused tetraphenylporphyrin (NC-TPP) at the air-water interface. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1996</b> , 667-672		26
483	Control of the Molecular Packing in Guanidinium Monolayers through Binding with Aqueous Polycarboxylates. <i>Bulletin of the Chemical Society of Japan</i> , <b>1996</b> , 69, 3619-3631	5.1	26
482	Manipulating the Structural Transformation of Fullerene Microtubes to Fullerene Microhorns Having Microscopic Recognition Properties. <i>ACS Nano</i> , <b>2019</b> , 13, 14005-14012	16.7	26
481	Synthesis of Monocrystalline Nanoframes of Prussian Blue Analogues by Controlled Preferential Etching. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8368-8374	3.6	25
480	Materials nanoarchitectonics at two-dimensional liquid interfaces. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 1559-1587	3	25
479	Monitoring Fluorescence Response of Amphiphilic Flapping Molecules in Compressed Monolayers at the Air-Water Interface. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2869-2876	4.5	25
478	Thermal Conversion of Hollow Prussian Blue Nanoparticles into Nanoporous Iron Oxides with Crystallized Hematite Phase. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1137-1141	2.3	25
477	NbPt <sub>3</sub> Intermetallic Nanoparticles: Highly Stable and CO-Tolerant Electrocatalyst for Fuel Oxidation. <i>ChemElectroChem</i> , <b>2014</b> , 1, 728-732	4.3	25
476	Low-Band-Gap BODIPY Conjugated Copolymers for Sensing Volatile Organic Compounds. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17344-54	4.8	25



475	Intrinsic parameters for structural variation of reverse micelles in nonionic surfactant (glycerol alpha-monolaurate)/oil systems: a SAXS study. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 4251-9	3.6	25
474	Color-Tunable Transparent Mesoporous Silica Films: Immobilization of One-Dimensional Columnar Charge-Transfer Assemblies in Aligned Silicate Nanochannels. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 3564-3567	3.6	25
473	Dendritic Amphiphiles: Dendrimers Having an Amphiphile Structure in Each Unit. <i>Langmuir</i> , <b>2000</b> , 16, 9147-9150	4	25
472	Multilayer Adsorption and Molecular Organization of Rigid Cylindrical Glycoconjugate Poly(phenylisocyanide) on Hydrophilic Surfaces. <i>Macromolecules</i> , <b>2000</b> , 33, 2772-2775	5.5	25
471	Defect-free exfoliation of graphene at ultra-high temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 538, 127-132	5.1	24
470	Colorimetric visualization of acid-base equilibria in non-polar solvent. <i>Chemical Communications</i> , <b>2013</b> , 49, 6870-2	5.8	24
469	Mechanical tuning of molecular machines for nucleotide recognition at the air-water interface. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 304	5	24
468	Polyethylenes bearing a terminal porphyrin group. <i>Chemical Communications</i> , <b>2011</b> , 47, 7057-9	5.8	24
467	Molecular dynamics simulation of water between hydrophobic surfaces. Implication for the long-range hydrophobic force. <i>Chemical Physics Letters</i> , <b>1998</b> , 289, 567-571	2.5	24
466	Selective Formation 2,6-diisopropyl naphthalene over mesoporous Al-MCM-48 catalysts. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 237, 238-245		24
465	Catching a molecule at the air-water interface: Dynamic pore array for molecular recognition. <i>Journal of Porous Materials</i> , <b>2006</b> , 13, 427-430	2.4	24
464	Hydration Behavior of Phospholipid Langmuir-Blodgett (LB) Films Deposited on a Quartz-Crystal Microbalance Depending on Temperatures in Water. <i>Langmuir</i> , <b>1994</b> , 10, 2272-2276	4	24
463	Coordination Polymer Nanoglue: Robust Adhesion Based on Collective Lamellar Stacking of Nanoplates. <i>ACS Nano</i> , <b>2017</b> , 11, 3662-3670	16.7	23
462	2D Nanoarchitectonics: Soft Interfacial Media as Playgrounds for Microobjects, Molecular Machines, and Living Cells. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6461-6472	4.8	23
461	Stimulation of electro-oxidation catalysis by bulk-structural transformation in intermetallic ZrPt <sub>3</sub> nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 16124-30	9.5	23
460	Electrochemical Coupling Layer-by-layer (ECC-LbL) Assembly in Patterning Mode. <i>Chemistry Letters</i> , <b>2012</b> , 41, 383-385	1.7	23
459	A facile photo-induced synthesis of COOH functionalized meso-macroporous carbon films and their excellent sensing capability for aromatic amines. <i>Chemical Communications</i> , <b>2012</b> , 48, 9029-31	5.8	23
458	Chemically programmed ultrahigh density two-dimensional semiconductor superlattice array. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1212-3	16.4	23

- 457 Supramolecular approaches for drug development. *Current Medicinal Chemistry*, **2012**, 19, 2388-98 4.3 23
- 456 Phase behavior and microstructures of nonionic fluorocarbon surfactant in aqueous systems. *Journal of Physical Chemistry B*, **2008**, 112, 10520-7 3.4 23
- 455 Short haired wormlike micelles in mixed nonionic fluorocarbon surfactants. *Journal of Colloid and Interface Science*, **2007**, 314, 223-9 9.3 23
- 454 A Layered Mesoporous Carbon Sensor Based on Nanopore-Filling Cooperative Adsorption in the Liquid Phase. *Angewandte Chemie*, **2008**, 120, 7364-7367 3.6 23
- 453 Novel Hexagonally Ordered Nitrogen-doped Mesoporous Carbon from SBA-15/Polyaniline Nanocomposite. *Chemistry Letters*, **2007**, 36, 770-771 1.7 23
- 452 Mechano-Nanoarchitectonics for Bio-Functions at Interfaces. *Analytical Sciences*, **2016**, 32, 1141-1149 1.7 23
- 451 Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. *Applied Surface Science*, **2019**, 487, 211-217 6.7 22
- 450 Dynamic nanoarchitectonics: Supramolecular polymorphism and differentiation, shape-shifter and hand-operating nanotechnology. *Current Opinion in Colloid and Interface Science*, **2018**, 35, 68-80 7.6 22
- 449 Nanoporous activated carbon derived from Lapsi (*Choerospondias axillaris*) seed stone for the removal of arsenic from water. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 7002-9 1.3 22
- 448 Large-scale synthesis of WO<sub>3</sub>/EDA nanobelts and their application as photoswitches. *CrystEngComm*, **2011**, 13, 2237 3.3 22
- 447 Lipophilic tail architecture and molecular structure of neutralizing agent for the controlled rheology of viscoelastic fluid in amino acid-based anionic surfactant system. *Langmuir*, **2011**, 27, 2229-364 22
- 446 Characterization and the catalytic applications of mesoporous AlSBA-1. *Microporous and Mesoporous Materials*, **2009**, 121, 18-25 5.3 22
- 445 Soft Capsules, Hard Capsules, and Hybrid Capsules. *Soft Materials*, **2012**, 10, 387-412 1.7 22
- 444 Supramolecular chemistry in two dimensions: self-assembly and dynamic function. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1249-1257 1.6 22
- 443 A Novel Bis(zinc porphyrin)Doxoporphyrinogen Donor-Acceptor Triad: Synthesis, Electrochemical, Computational and Photochemical Studies. *European Journal of Organic Chemistry*, **2006**, 2006, 595-603 3.2 22
- 442 Interactions of Calcium Ions with Phospholipid Membranes. Studies on .pi.-A Isotherms and Electrochemical and Quartz-Crystal Microbalance Measurements. *Langmuir*, **1994**, 10, 2267-2271 4 22
- 441 Electrochemically Organized Isolated Fullerene-Rich Thin Films with Optical Limiting Properties. *ACS Applied Materials & Interfaces*, **2016**, 8, 24295-9 9.5 22
- 440 Electrochemical Supercapacitance Properties of Reduced Graphene Oxide/Mn<sub>2</sub>O<sub>3</sub>:Co<sub>3</sub>O<sub>4</sub> Nanocomposite. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 576-585 3.2 21

439	Spongelike Porous Silica Nanosheets: From "Soft" Molecular Trapping to DNA Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 4509-4518	9.5	21
438	Nanoarchitectonics of Nanoporous Carbon Materials from Natural Resource for Supercapacitor Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2017</b> , 27, 48-56	3.2	21
437	From Nanotechnology to Nanoarchitectonics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2015</b> , 25, 177-178	3.2	21
436	Dual-Branched Dense Hexagonal Fe(II)-Based Coordination Nanosheets with Red-to-Colorless Electrochromism and Durable Device Fabrication. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31898-31903	9.5	21
435	Vanadium sulfide/reduced graphene oxide composite with enhanced supercapacitance performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 92, 72-79	5.3	21
434	Porphyrioid rotaxanes: building a mechanical picket fence. <i>Chemical Science</i> , <b>2017</b> , 8, 6679-6685	9.4	21
433	A Single-Step Synthesis of Electroactive Mesoporous ProDOT-Silica Structures. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8407-10	16.4	21
432	Antioxidant-substituted tetrapyrrozinoporphyrazine as a fluorescent sensor for basic anions. <i>Chemical Communications</i> , <b>2012</b> , 48, 3951-3	5.8	21
431	Reverse micelle microstructural transformations induced by oil and water. <i>Soft Matter</i> , <b>2011</b> , 7, 10017	3.6	21
430	Large scale assembly of ordered donor-acceptor heterojunction molecular wires using the Langmuir-Blodgett technique. <i>Chemical Communications</i> , <b>2011</b> , 47, 6825-7	5.8	21
429	Langmuir monolayer of organoalkoxysilane for vitamin B12-modified electrode. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 3442-3446	3.6	21
428	Multi-Site Binding of Aqueous Dipeptides by Mixed Monolayers at the Air-Water Interface. <i>Chemistry Letters</i> , <b>1996</b> , 25, 73-74	1.7	21
427	Strategies for phosphodiester complexation and cleavage. <i>Supramolecular Chemistry</i> , <b>1993</b> , 1, 201-208	1.8	21
426	Sensitive Detection of Saccharides by an Amphiphilic Phenylboronic Acid at the Air-Water Interface in the Presence of Quaternized Amines. <i>Chemistry Letters</i> , <b>1993</b> , 22, 1413-1416	1.7	21
425	100 °C-Langmuir-Blodgett Method for Fabricating Highly Oriented, Ultrathin Films of Polymeric Semiconductors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56522-56529	9.5	21
424	Post-assembly dimension-dependent face-selective etching of fullerene crystals. <i>Materials Horizons</i> , <b>2020</b> , 7, 787-795	14.4	21
423	A Nanoporous Cytochrome c Film with Highly Ordered Porous Structure for Sensing of Toxic Vapors. <i>Advanced Materials</i> , <b>2017</b> , 29, 1702295	24	20
422	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrin-Copper Corrole Donor-Acceptor Conjugates. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1301-12	4.8	20

4 <sup>21</sup>	Alkyl imidazolium ionic-liquid-mediated formation of gold particle superstructures. <i>Langmuir</i> , <b>2013</b> , 29, 7186-94	4	20
4 <sup>20</sup>	Self-assembled pyrazinacene nanotubes. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4868-76	3.6	20
4 <sup>19</sup>	A QCM Study on Adsorption of Macrocyclic Sugar-Cluster to Various-Functionalized Monolayers. <i>Chemistry Letters</i> , <b>1998</b> , 27, 1007-1008	1.7	20
4 <sup>18</sup>	Interaction of Lipid Monolayers with Aqueous Neutral Polymers and the Consequent Monolayer Stabilization and Improved Langmuir-Blodgett Transfer. <i>Journal of Colloid and Interface Science</i> , <b>1995</b> , 170, 440-448	9.3	20
4 <sup>17</sup>	Evaluation of a horizontal lifting method of Langmuir-Blodgett films using a quartz-crystal microbalance. <i>Thin Solid Films</i> , <b>1992</b> , 210-211, 702-706	2.2	20
4 <sup>16</sup>	Electrochemical properties of covalently bonded silane amphiphile monolayers on a tin dioxide electrode. <i>Langmuir</i> , <b>1990</b> , 6, 1148-1153	4	20
4 <sup>15</sup>	Functional capsule membranes. 27. A new type of phase-transfer catalysts (PTC). Reaction of substrates in the inner organic phase with the outer aqueous anions catalyzed by PTC grafted on the capsule membrane. <i>Journal of Organic Chemistry</i> , <b>1986</b> , 51, 5064-5068	4.2	20
4 <sup>14</sup>	Porous glass plate immobilized with the adsorbed monolayer of dialkylsilane amphiphiles. Permeation control by a phase transition of the adsorbed monolayer. <i>Langmuir</i> , <b>1986</b> , 2, 538-540	4	20
4 <sup>13</sup>	Rice Husk-Derived High Surface Area Nanoporous Carbon Materials with Excellent Iodine and Methylene Blue Adsorption Properties. <i>Journal of Carbon Research</i> , <b>2019</b> , 5, 10	3.3	20
4 <sup>12</sup>	Sorghum biomass-derived porous carbon electrodes for capacitive deionization and energy storage. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 312, 110757	5.3	20
4 <sup>11</sup>	In situ 2D-extraction of DNA wheels by 3D through-solution transport. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 32122-5	3.6	19
4 <sup>10</sup>	Highly ordered nanoporous carbon films with tunable pore diameters and their excellent sensing properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 697-703	4.8	19
4 <sup>09</sup>	Transparent Supercapacitor Display with Redox-Active Metallo-Supramolecular Polymer Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 16342-16349	9.5	19
4 <sup>08</sup>	Molecular Tuning Nanoarchitectonics for Molecular Recognition and Molecular Manipulation. <i>ChemNanoMat</i> , <b>2020</b> , 6, 870-880	3.5	19
4 <sup>07</sup>	Dynamic multistimuli-responsive reversible chiral transformation in supramolecular helices. <i>Scientific Reports</i> , <b>2018</b> , 8, 11220	4.9	19
4 <sup>06</sup>	Electrochemical synthesis of transparent, amorphous, Cl-rich, photoactive, and low-doped film with an interconnected structure. <i>Small</i> , <b>2013</b> , 9, 2064-8	11	19
4 <sup>05</sup>	Wool Carpet Dye Adsorption on Nanoporous Carbon Materials Derived from Agro-Product. <i>Journal of Carbon Research</i> , <b>2017</b> , 3, 12	3.3	19
4 <sup>04</sup>	Mechanochemical Tuning of the Binaphthyl Conformation at the Air/Water Interface. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9116-9119	3.6	19

403	Effect of molecular weight of polyethyleneimine on loading of CpG oligodeoxynucleotides onto flake-shell silica nanoparticles for enhanced TLR9-mediated induction of interferon- $\beta$ . <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 3625-35	7.3	19
402	Hydrogen-bond-driven 'homogeneous intercalation' for rapid, reversible, and ultra-precise actuation of layered clay nanosheets. <i>Chemical Communications</i> , <b>2013</b> , 49, 3631-3	5.8	19
401	Designing Lower Critical Solution Temperature Behavior into a Discotic Small Molecule. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 1336-1340	6.4	19
400	Synthesis of new red-emitting single-phase europium oxycarbonate. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5569-573	5.3	19
399	Direct Synthesis and the Morphological Control of Highly Ordered Two-Dimensional P6mm Mesoporous Niobium Silicates with High Niobium Content. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 10130-10140	3.8	19
398	Decomposition of dinuclear manganese complexes for the preparation of nanostructured oxide materials. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8306-14	5.1	19
397	The Past and the Future of Langmuir and Langmuir-Blodgett Films.. <i>Chemical Reviews</i> , <b>2022</b> ,	68.1	19
396	Emission Control by Molecular Manipulation of Double-Paddled Binuclear Pt Complexes at the Air-Water Interface. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 406-414	4.5	19
395	Thermally Induced Intra-Carboxyl Proton Shuttle in a Molecular Rack-and-Pinion Cascade Achieving Macroscopic Crystal Deformation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 14628-14632	16.4	19
394	Hierarchical heterostructure of Ag-nanoparticle decorated fullerene nanorods (Ag-FNRs) as an effective single particle freestanding SERS substrate. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 18873-18878	3.6	19
393	Simple Fabrication of Titanium Dioxide/N-Doped Carbon Hybrid Material as Non-Precious Metal Electrocatalyst for the Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18782-18789	8.5	18
392	Synthesis and characterizations of nanoporous carbon derived from Lapsi ( <i>Choerospondias axillaris</i> ) seed: Effect of carbonization conditions. <i>Advanced Powder Technology</i> , <b>2015</b> , 26, 894-900	4.6	18
391	Graphene composites with dental and biomedical applicability. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 801-808	3	18
390	New synthesis of unsymmetrically-substituted 2,5-diarylpyrroles from homopropargyl sulfonamides. <i>RSC Advances</i> , <b>2014</b> , 4, 4897	3.7	18
389	Nonionic reverse micelle formulation and their microstructure transformations in an aromatic solvent ethylbenzene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 414, 140-150	5.1	18
388	Manipulation of thin film assemblies: Recent progress and novel concepts. <i>Current Opinion in Colloid and Interface Science</i> , <b>2011</b> , 16, 459-469	7.6	18
387	Room temperature exciton formation in SnO <sub>2</sub> nanocrystals in SiO <sub>2</sub> :Eu matrix: quantum dot system, heat-treatment effect. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 2634-8	1.3	18
386	Supramolecular Materials from Inorganic Building Blocks. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2010</b> , 20, 1-9	3.2	18

- 385 Phase Behavior of Diglycerol Monomyristate in Different Nonpolar Organic Solvent Systems. *Journal of Dispersion Science and Technology*, **2007**, 28, 1236-1241 1.5 18
- 384 ortho-Selective ethylation of phenol with ethanol catalyzed by bimetallic mesoporous catalyst, CoAl-MCM-41. *Journal of Molecular Catalysis A*, **2005**, 230, 151-157 18
- 383 QCM analyses on adsorption of gaseous guests to cast films of porphyrin-resorcinol derivatives. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2000**, 169, 177-186 5.1 18
- 382 Association of amphiphilic cyclodextrins with dipalmitoylphosphatidylcholine in mixed insoluble monolayers at the air-water interface. *Journal of Colloid and Interface Science*, **1989**, 131, 561-566 9.3 18
- 381 High-Quality LB Films of Artificial Dialkyl Lipid. *Japanese Journal of Applied Physics*, **1987**, 26, L1897-L1899 18
- 380 Recent advances in functionalization of mesoporous silica. *Journal of Nanoscience and Nanotechnology*, **2005**, 5, 347-71 1.3 18
- 379 High surface area nanoporous carbon derived from high quality jute from Bangladesh. *Materials Chemistry and Physics*, **2018**, 216, 491-495 4.4 18
- 378 Gene transfer on inorganic/organic hybrid silica nanosheets. *Physical Chemistry Chemical Physics*, **2015**, 17, 25455-62 3.6 17
- 377 Junction-Controlled Topological Polymerization. *Angewandte Chemie - International Edition*, **2018**, 57, 4936-4939 16.4 17
- 376 Media-dependent morphology of supramolecular aggregates of  $\beta$ -cyclodextrin-grafted chitosan and insulin through multivalent interactions. *Journal of Materials Chemistry B*, **2014**, 2, 1802-1812 7.3 17
- 375 Self-assembled fullerene nanostructures. *Journal of Oleo Science*, **2013**, 62, 541-53 1.6 17
- 374 Immobilization of lysozyme onto pore-engineered mesoporous AISBA-15. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 1765-71 1.3 17
- 373 Aqueous Phase Behavior of Diglycerol Fatty Acid Esters. *Journal of Dispersion Science and Technology*, **2007**, 28, 883-891 1.5 17
- 372 Molecular recognition at the air-water interface: nanoarchitectonic design and physicochemical understanding. *Physical Chemistry Chemical Physics*, **2020**, 22, 24856-24869 3.6 17
- 371 Methods with Nanoarchitectonics for Small Molecules and Nanostructures to Regulate Living Cells. *Small Methods*, **2020**, 4, 2000500 12.8 17
- 370 High Surface Area Nanoporous Graphitic Carbon Materials Derived from Lapsi Seed with Enhanced Supercapacitance. *Nanomaterials*, **2020**, 10, 5.4 17
- 369 Breaking aggregation in a tetrathiafulvalene-fused zinc porphyrin by metal-ligand coordination to form a donor-acceptor hybrid for ultrafast charge separation and charge stabilization. *Dalton Transactions*, **2015**, 44, 359-67 4.3 16
- 368 Integrated optofluidic-microfluidic twin channels: toward diverse application of lab-on-a-chip systems. *Scientific Reports*, **2016**, 6, 19801 4.9 16

- 367 Tautomerism in novel oxocorrologens. *Chemistry - A European Journal*, **2007**, 13, 9824-33 4.8 16
- 366 Fine-tuning supramolecular assemblies of fullerenes bearing long alkyl chains. *Thin Solid Films*, **2008**, 516, 2401-2406 2.2 16
- 365 Fullerene nanowires on graphite: Epitaxial self-organizations of a fullerene bearing double long-aliphatic chains. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 321, 99-105<sup>5.1</sup> 16
- 364 Carboxyl group functionalization of mesoporous carbon nanocage through reaction with ammonium persulfate. *Journal of Nanoscience and Nanotechnology*, **2007**, 7, 3250-6 1.3 16
- 363 Chemically Nonequivalent Sites in Mesoporous BCN Revealed by Solid-state NMR at 21.8 T. *Chemistry Letters*, **2006**, 35, 986-987 1.7 16
- 362 Symmetric Raman Tensor Contributes to Chiral Vibrational Sum-Frequency Generation from Binaphthyl Amphiphile Monolayers on Water: Study of Electronic Resonance Amplitude and Phase Profiles. *Journal of Physical Chemistry C*, **2017**, 121, 11241-11250 3.8 15
- 361 Highly active and reusable hydrotalcite-supported Pd(0) catalyst for Suzuki coupling reactions of aryl bromides and chlorides. *Tetrahedron*, **2018**, 74, 948-954 2.4 15
- 360 Mechanical Tuning of Through-Molecule Conductance in a Conjugated Calix[4]pyrrole. *ChemistrySelect*, **2018**, 3, 6473-6478 1.8 15
- 359 Mesoporous BN and BCN nanocages with high surface area and spherical morphology. *Physical Chemistry Chemical Physics*, **2014**, 16, 23554-7 3.6 15
- 358 Dopant induced bandgap narrowing in Y-doped zinc oxide nanostructures. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 75-83 1.3 15
- 357 Development of nanoporous structure in carbons by chemical activation with zinc chloride. *Journal of Nanoscience and Nanotechnology*, **2013**, 13, 2613-23 1.3 15
- 356 Tautomerism in Reduced Pyrazinacenes. *Journal of Chemical Theory and Computation*, **2010**, 6, 517-25 6.4 15
- 355 An investigation on co-precipitation derived ZnO nanospheres. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 5966-72 1.3 15
- 354 Chiral amide from (1S,2R)-(+)-norephedrine alkaloid in the enantioselective addition of diethylzinc to aryl and heteroaryl aldehydes. *Tetrahedron: Asymmetry*, **2009**, 20, 1731-1735 15
- 353 Growth and electrical properties of N,N'-bis(n-pentyl)terrylene- 3,4:11,12-tetracarboximide thin films. *Applied Physics Letters*, **2008**, 92, 163301 3.4 15
- 352 Adsorption of amino acid on mesoporous molecular sieves. *Studies in Surface Science and Catalysis*, **2005**, 631-636 1.8 15
- 351 Spider-web amphiphiles as artificial lipid clusters: design, synthesis, and accommodation of lipid components at the air-water interface. *Langmuir*, **2004**, 20, 6762-9 4 15
- 350 Preparation of Novel Mesoporous Carbon Materials with Tunable Pore Diameters Using Directly Synthesized AISBA-15 Materials. *Chemistry Letters*, **2005**, 34, 674-675 1.7 15

349	Preparation and pore size control of cage type mesoporous carbon materials and their application in protein adsorption. <i>Studies in Surface Science and Catalysis</i> , <b>2005</b> , 971-978	1.8	15
348	"PROTEOSILICA" A NOVEL NANOCOMPOSITE WITH PEPTIDE ASSEMBLIES IN SILICA NANOSPACE: PHOTOISOMERIZATION OF SPIROPYRAN DOPED IN CHIRAL ENVIRONMENT. <i>International Journal of Nanoscience</i> , <b>2002</b> , 01, 521-525	0.6	15
347	Functional capsule membranes. Part 31. Polymerizable lipid-corked capsule membranes. Polymerization at different positions of corking lipid bilayers on the capsule and effect of polymerization on permeation behavior. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 2495-2500	16.4	15
346	Luminescence Properties of SnO <sub>2</sub> Nanoparticles Dispersed in Eu <sup>3+</sup> Doped SiO <sub>2</sub> Matrix. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 1489-1493	1.3	15
345	Shape-controlled cobalt phosphide nanoparticles as volatile organic solvent sensor. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4967-4977	7.1	15
344	Zero-to-one (or more) nanoarchitectonics: how to produce functional materials from zero-dimensional single-element unit, fullerene. <i>Materials Advances</i> , <b>2021</b> , 2, 582-597	3.3	15
343	Gold Nanoparticle Chains: Synthesis, Characterization, and Modeling Using Spectroscopic Ellipsometry. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 11973-11984	3.8	15
342	Carbon Nanosheets by Morphology-Retained Carbonization of Two-Dimensional Assembled Anisotropic Carbon Nanorings. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9827-9831	3.6	15
341	Interfacial nanoarchitectonics for molecular manipulation and molecular machine operation. <i>Current Opinion in Colloid and Interface Science</i> , <b>2019</b> , 44, 1-13	7.6	14
340	Nanoporous Carbon Tubes from Fullerene Crystals as the Electron Carbon Source. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 965-969	3.6	14
339	Low-temperature synthesis of copper oxide (CuO) nanostructures with temperature-controlled morphological variations. <i>Ceramics International</i> , <b>2015</b> , 41, 9426-9432	5.1	14
338	Hydrogen Bonds and Molecular Orientations of Supramolecular Structure between Barbituric Acid and Melamine Derivative at the Air/Water Interface Revealed by Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 2422-2429	6.4	14
337	Dependence of Intestinal Absorption Profile of Insulin on Carrier Morphology Composed of Cyclodextrin-Grafted Chitosan. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 4034-4042	5.6	14
336	Fabrication of both the photoactive layer and the electrode by electrochemical assembly: towards a fully solution-processable device. <i>Chemical Communications</i> , <b>2014</b> , 50, 10448-51	5.8	14
335	Acid/base switching of the tautomerism and conformation of a dioxoporphyrin for integrated binary subtraction. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12910-6	4.8	14
334	Controlling porphyrin nanoarchitectures at solid interfaces. <i>Langmuir</i> , <b>2013</b> , 29, 7291-9	4	14
333	Synthesis of mesoporous antimony-doped tin oxide (ATO) thin films and investigation of their electrical conductivity. <i>CrystEngComm</i> , <b>2013</b> , 15, 4404	3.3	14
332	A Mechanically Controlled Indicator Displacement Assay. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9781-9784	3.6	14



331	The initiation mechanisms for surface hydrosilylation with 1-alkenes. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4862-7	3.6	14
330	Structural study of the thermally induced and photoinduced phase transitions of the 1,3,5-trithia-2,4,6-triazapentalenyl (TTTA) radical. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 6449-55	2.8	14
329	Remarkable Microenvironmental Difference between Monolayer and Bilayer Membrane Interfaces. Dissociation Behavior of a Lysine Residue Placed on the Membrane Surface. <i>Chemistry Letters</i> , <b>2000</b> , 29, 82-83	1.7	14
328	Dynamic analyses on induced-fit gaseous guest binding to organic crystals with a quartz-crystal microbalance. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 1750-6	4.8	14
327	Reinforcing effect of polyterpenoids on polyprenyl phosphate monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 103, 183-194	5.1	14
326	Macaroni Fullerene Crystals-Derived Mesoporous Carbon Tubes as the High Rate Performance Supercapacitor Electrode Material. <i>Bulletin of the Chemical Society of Japan</i> ,	5.1	14
325	Nanoarchitectonic-Based Material Platforms for Environmental and Bioprocessing Applications. <i>Chemical Record</i> , <b>2019</b> , 19, 1891-1912	6.6	14
324	Chelate stabilized metal oxides for visible light photocatalyzed water oxidations. <i>Green Chemistry</i> , <b>2015</b> , 17, 982-990	10	13
323	Determination of blood potassium using a fouling-resistant PVDF/HPF-based optode. <i>RSC Advances</i> , <b>2016</b> , 6, 14261-14265	3.7	13
322	Controlled crystallization of cyano-bridged Cu-Pt coordination polymers with two-dimensional morphology. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 1511-4	4.5	13
321	Multinuclear solid-state NMR spectroscopy of a paramagnetic layered double hydroxide. <i>RSC Advances</i> , <b>2013</b> , 3, 19857	3.7	13
320	Arylpyrrole oligomers as tunable anion receptors. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 5492-9	3.9	13
319	Demonstration of Solvent-Induced One-Dimensional Nonionic Reverse Micelle Growth. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 2585-2590	6.4	13
318	Effect of anion binding on charge stabilization in a bis-fullerene-oxoporphyrinogen conjugate. <i>Chemical Communications</i> , <b>2010</b> , 46, 7933-5	5.8	13
317	Synthesis and metallic probe induced conductance of Au tipped ultranarrow PbS rods. <i>Chemical Communications</i> , <b>2011</b> , 47, 8421-3	5.8	13
316	Luminescence Properties of SnO <sub>2</sub> Nanoparticles Dispersed in Eu <sup>3+</sup> Doped SiO <sub>2</sub> Matrix. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 1489-1493	1.3	13
315	Two-dimensional (11)B- (11)B exchange NMR study in mesoporous boron carbon nitride at 21.8T. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2007</b> , 31, 193-6	3.1	13
314	Fabrication and morphological control of three-dimensional cage type mesoporous titanosilicate with extremely high Ti content. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 110, 422-430	5.3	13

3 <sup>13</sup>	Self-Construction from 2D to 3D: One-Pot Layer-by-Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8566-8570	3.6	13
3 <sup>12</sup>	Multimodal switching of a redox-active macrocycle. <i>Nature Communications</i> , <b>2019</b> , 10, 1007	17.4	13
3 <sup>11</sup>	Enhanced Activity of Alcohol Dehydrogenase in Porous Silica Nanosheets with Wide Size Distributed Mesopores. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 275-282	5.1	13
3 <sup>10</sup>	Tailoring the surface-oxygen defects of a tin dioxide support towards an enhanced electrocatalytic performance of platinum nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 5932-7	3.6	12
3 <sup>09</sup>	pH-Responsive Saloplastics Based on Weak Polyelectrolytes: From Molecular Processes to Material Scale Properties. <i>Macromolecules</i> , <b>2018</b> , 51, 4424-4434	5.5	12
3 <sup>08</sup>	Conformational interchange of a carbohydrate by mechanical compression at the air-water interface. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 10286-94	3.6	12
3 <sup>07</sup>	Light-harvesting nanorods based on pheophorbide-appending cellulose. <i>Biomacromolecules</i> , <b>2013</b> , 14, 3223-30	6.9	12
3 <sup>06</sup>	Manipulation of shell morphology of silicate spheres from structural evolution in a purely inorganic system. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1379-86	4.5	12
3 <sup>05</sup>	Two-dimensional nanofabrication and supramolecular functionality controlled by mechanical stimuli. <i>Thin Solid Films</i> , <b>2014</b> , 554, 32-40	2.2	12
3 <sup>04</sup>	One-touch Nanofabrication of Regular-sized Disks through Interfacial Dewetting and Weak Molecular Interaction. <i>Chemistry Letters</i> , <b>2012</b> , 41, 170-172	1.7	12
3 <sup>03</sup>	Hard-templating Synthesis of Mesoporous Pt-Based Alloy Particles with Low Ni and Co Contents. <i>Chemistry Letters</i> , <b>2013</b> , 42, 447-449	1.7	12
3 <sup>02</sup>	Structure and rheology of reverse micelles in dipentaerythryl tri-(12-hydroxystearate)/oil systems. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4911-8	3.6	12
3 <sup>01</sup>	Hydrogen-bond-assisted "gold cold fusion" for fabrication of 2D web structures. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 1055-8	4.5	12
3 <sup>00</sup>	Structural investigation of diglycerol polyisostearate reverse micelles in organic solvents. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 12669-79	3.4	12
2 <sup>99</sup>	Supramolecular shape shifter: polymorphs of self-organized fullerene assemblies. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 550-6	1.3	12
2 <sup>98</sup>	Redox-sensitive permeation from a capsule membrane grafted with viologen-containing polymers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 73		12
2 <sup>97</sup>	There is still plenty of room for layer-by-layer assembly for constructing nanoarchitectonics-based materials and devices.. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> ,	3.6	12
2 <sup>96</sup>	Nanoarchitectonics for fullerene biology. <i>Applied Materials Today</i> , <b>2021</b> , 23, 100989	6.6	12

295	Supramolecular nanoarchitectonics for functional materials. <i>APL Materials</i> , <b>2019</b> , 7, 120903	5.7	12
294	Optogenetic Modulation and Reprogramming of Bacteriorhodopsin-Transfected Human Fibroblasts on Self-Assembled Fullerene C60 Nanosheets. <i>Advanced Biology</i> , <b>2019</b> , 3, e1800254	3.5	12
293	Biomolecule-Assisted Synthesis of Hierarchical Multilayered Boehmite and Alumina Nanosheets for Enhanced Molybdenum Adsorption. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4843-4855	4.8	12
292	Nanoarchitectonics for Nanocarbon Assembly and Composite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 42-55	3.2	12
291	Nanoarchitectonics on living cells.. <i>RSC Advances</i> , <b>2021</b> , 11, 18898-18914	3.7	12
290	Absorption and Fluorescence Features of an Amphiphilic meso-Pyrimidinylcorrole: Experimental Study and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 8614-8624	2.8	11
289	Fullerene Nanoarchitectonics with Shape-Shifting. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
288	Structural Modulation of Chromic Response: Effects of Binding-Site Blocking in a Conjugated Calix[4]pyrrole Chromophore. <i>ChemistryOpen</i> , <b>2018</b> , 7, 323-335	2.3	11
287	Surface Oxidized Carbon Nanotubes Uniformly Coated with Nickel Ferrite Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2016</b> , 26, 1301-1308	3.2	11
286	Fabrication of Silica-Protein Hierarchical Nanoarchitecture with Gas-Phase Sensing Activity. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 5908-5917	1.3	11
285	Titania Nanoparticles Stabilized HPA in SBA-15 for the Intermolecular Hydroamination of Activated Olefins. <i>ChemCatChem</i> , <b>2014</b> , 6, 3347-3354	5.2	11
284	New aspects of porphyrins and related compounds: self-assembled structures in two-dimensional molecular arrays. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2009</b> , 13, 22-34	1.8	11
283	Two-dimensional molecular array of porphyrin derivatives with bright and dark spots as a model of two-digit molecular-dot memory. <i>Synthetic Metals</i> , <b>2009</b> , 159, 765-768	3.6	11
282	Self-assembly of optical molecules with supramolecular concepts. <i>International Journal of Molecular Sciences</i> , <b>2009</b> , 10, 1950-66	6.3	11
281	Evidence for a ball-shaped cyclen cyclophane: an experimental and first principles study. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 6038-41	3.6	11
280	Structure of diglycerol polyisostearate nonionic surfactant micelles in nonpolar oil hexadecane: a SAXS study. <i>Journal of Oleo Science</i> , <b>2010</b> , 59, 339-50	1.6	11
279	Three-dimensional Mesoporous TiKIT-6 with 3D Symmetry Synthesized at Low Acid Concentration and Its Catalytic Performances. <i>Chemistry Letters</i> , <b>2008</b> , 37, 1016-1017	1.7	11
278	Adsorption of lysozyme over mesoporous carbons with various pore diameters. <i>Studies in Surface Science and Catalysis</i> , <b>2005</b> , 637-642	1.8	11

277	Novel class of organic-inorganic hybrid vesicle [terosome] derived from various amphiphiles with alkoxyethyl head. <i>Studies in Surface Science and Catalysis</i> , <b>2001</b> , 599-602	1.8	11
276	Lyotropic aggregate of tripeptide derivatives within organic solvents: study on dynamic property of molecular assembling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 169, 271-285	5.1	11
275	Swelling behaviour and stability of Langmuir-Blodgett films deposited on a quartz crystal microbalance in a water phase. <i>Thin Solid Films</i> , <b>1989</b> , 178, 465-471	2.2	11
274	Nanoporous Carbon Materials Derived from Washnut Seed with Enhanced Supercapacitance. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
273	Nanostructured polymeric yolk-shell capsules: a versatile tool for hierarchical nanocatalyst design. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9850-9857	13	11
272	Microwires of Au-Ag Nanocages Patterned via Magnetic Nanoadhesives for Investigating Proteins using Surface Enhanced Infrared Absorption Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18053-18061	9.5	10
271	Sodium Hydroxide Activated Nanoporous Carbons Based on Lapsi Seed Stone. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 1465-72	1.3	10
270	Interfacial nanoarchitectonics for responsive cellular biosystems. <i>Materials Today Bio</i> , <b>2020</b> , 8, 100075	9.9	10
269	The lipid composition affects Trastuzumab adsorption at monolayers at the air-water interface. <i>Chemistry and Physics of Lipids</i> , <b>2020</b> , 227, 104875	3.7	10
268	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15583-15596	4.3	10
267	Dynamic Processes in Prochiral Solvating Agents (pro-CSAs) Studied by NMR Spectroscopy. <i>Symmetry</i> , <b>2014</b> , 6, 345-367	2.7	10
266	Carbon nanocage: super-adsorber of intercalators for DNA protection. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 3084-90	1.3	10
265	Base-selective adsorption of nucleosides to pore-engineered nanocarbon, carbon nanocage. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 3959-64	1.3	10
264	Anchoring of self-assembled monolayers of unsymmetrically-substituted chromophores with an oxoporphyrinogen surface clamp. <i>Chemical Communications</i> , <b>2011</b> , 47, 8533-5	5.8	10
263	Electric double-layer capacitance of carbon nanocages. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 391-5	1.3	10
262	Studies on Langmuir monolayers of polyprenyl phosphates towards a possible scenario for origin of life. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 74, 426-35	6	10
261	Reverse micelle microstructural transformations induced by surfactant molecular structure, concentration, and temperature. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7665-75	1.3	10
260	Dynamic supramolecular systems at interfaces. <i>Supramolecular Chemistry</i> , <b>2011</b> , 23, 183-194	1.8	10

259	Probing the micro-phase separation of thermo-responsive amphiphilic polymer in water/ethanol solution. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 8408-16	1.3	10
258	Macroporous poly(aromatic amine): Synthesis and film fabrication. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 354, 156-161	5.1	10
257	An Introduction to Bio-nanohybrid Materials1-40		10
256	Electrochemistry of fullerene C60 embedded in LangmuirBlodgett films of artificial lipids on electrodes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 284-285, 607-612	5.1	10
255	Molecular Recognition by Cyclophane/Guanidinium Supramolecular Receptor Embedded at the Air-Water Interface. <i>Supramolecular Chemistry</i> , <b>2003</b> , 15, 87-94	1.8	10
254	Information conversion on molecular assemblies containing steroid cyclophanes. <i>Thin Solid Films</i> , <b>2001</b> , 393, 291-297	2.2	10
253	Electrical evaluation of ultrathin organic films on solid substrates. <i>Thin Solid Films</i> , <b>1989</b> , 179, 277-282	2.2	10
252	Supramolecular Chemistry as a Versatile Tool for Advanced Sciences in Nanospace. <i>Advanced Science Letters</i> , <b>2008</b> , 1, 28-58	0.1	10
251	Material Evolution with Nanotechnology, Nanoarchitectonics, and Materials Informatics: What will be the Next Paradigm Shift in Nanoporous Materials?. <i>Advanced Materials</i> , <b>2021</b> , e2107212	24	10
250	Saloplastics as multiresponsive ion exchange reservoirs and catalyst supports. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17713-17724	13	10
249	Challenges and solutions in surface engineering and assembly of boron nitride nanosheets. <i>Materials Today</i> , <b>2021</b> , 44, 194-210	21.8	10
248	Unidirectional Branching Growth of Dipeptide Single Crystals for Remote Light Multiplication and Collection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31-36	9.5	10
247	pH-Responsive Cotton Effects in the d-d Transition Band of Self-Assembling Copper(II) Complexes with a Cholesteryl-Armed Ligand. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 739-745	5.1	9
246	Manipulation of fullerene superstructures by complexing with polycyclic aromatic compounds. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 29099-29105	3.6	9
245	Preparation and characterization of highly ordered mesoporous SiC nanoparticles with rod shaped morphology and tunable pore diameters. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 8792		9
244	Structural and optical characterization of samarium doped yttrium oxide nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 6747-52	1.3	9
243	Unusual Magnetic Properties of Size-Controlled Iron Oxide Nanoparticles Grown in a Nanoporous Matrix with Tunable Pores. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 7494-7497	3.6	9
242	Molecular Arrays and Patterns for Supramolecular Materials. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2008</b> , 21, 553-558	0.7	9

241	Pyren-1-ylmethyl N-substituted oxoporphyrinogens. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2007</b> , 11, 390-396	1.8	9
240	High-density modification of mesoporous silica inner walls with amino acid function by residue transfer from template. <i>Studies in Surface Science and Catalysis</i> , <b>2003</b> , 465-468	1.8	9
239	Heptopus: A Novel Class of Amphiphiles with Seven Alkyl Chains. Synthesis and Monolayer Property. <i>Langmuir</i> , <b>1999</b> , 15, 1791-1795	4	9
238	Capsule membrane-supported phase-transfer catalysts. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1985</b> , 920		9
237	Self-Assembled Fullerene Nanostructures: Synthesis and Applications. <i>Advanced Functional Materials</i> , 2106924	15.6	9
236	Helicity Manipulation of a Double-Paddled Binaphthyl in a Two-Dimensional Matrix Field at the Air-Water Interface. <i>ACS Nano</i> , <b>2020</b> , 14, 13294-13303	16.7	9
235	Atomic and Organic Nanoarchitectonics. <i>Trends in Chemistry</i> , <b>2020</b> , 2, 779-782	14.8	9
234	Life science nanoarchitectonics at interfaces. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1018-1032	7.8	9
233	Nanoarchitectonics for Hierarchical Fullerene Nanomaterials. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	9
232	Hydrous ferric oxide nanoparticles hosted porous polyethersulfone adsorptive membrane: chromium (VI) adsorptive studies and its applicability for water/wastewater treatment. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 20386-20399	5.1	8
231	Intelligent Nanoarchitectonics for Self-Assembling Systems. <i>Advanced Intelligent Systems</i> , <b>2020</b> , 2, 1900167	16.7	8
230	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. <i>Chemical Communications</i> , <b>2018</b> , 54, 1351-1354	5.8	8
229	Structural-Size Control of Domain from Nano to Micro: Logical Balancing between Attractive and Repulsive Interactions in Two Dimensions. <i>Langmuir</i> , <b>2019</b> , 35, 10383-10389	4	8
228	Homeotropic alignment of dendritic columnar liquid crystal induced by hydrogen-bonded triphenylene core bearing fluoroalkyl chains. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 5130-5137	1.7	8
227	Morphology Adjustable Silica Nanosheets for Immobilization of Gold Nanoparticles. <i>ChemistrySelect</i> , <b>2017</b> , 2, 5793-5799	1.8	8
226	Worm-like soft nanostructures in nonionic systems: principles, properties and application as templates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 4497-520	1.3	8
225	Synthesis and morphological control of europium doped cadmium sulphide nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7783-8	1.3	8
224	Tautomers of extended reduced pyrazinacenes: a density-functional-theory based study. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 2145-50	3.6	8

223	Preparation and characterization of chiral oxazaborolidine complex immobilized SBA-15 and its application in the asymmetric reduction of prochiral ketones. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 897-903	4.5	8
222	Remarkable difference of phase transition behaviors between Langmuir monolayers and aqueous bilayer vesicles of oligopeptide-carrying lipids. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 1718-30	1.3	8
221	Proteosilica - mesoporous silicates densely filling amino acid and peptide assemblies in their nanoscale pores. <i>Studies in Surface Science and Catalysis</i> , <b>2003</b> , 427-430	1.8	8
220	Size-Selective Organization of Silica and Silica-Like Particles on Solid Interfaces through Layer-by-Layer Assembly. <i>Journal of Sol-Gel Science and Technology</i> , <b>2004</b> , 31, 59-62	2.3	8
219	Syntheses and monolayer properties of vitamin B12 derivatives with seven alkyl chains. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 169, 47-58	5.1	8
218	Evaluation of a Transfer Process for Langmuir-Blodgett Films by Means of a Quartz-Crystal Microbalance. <i>Thin Films</i> , <b>1995</b> , 20, 317-329		8
217	Molecular Engineering of $\beta$ -Substituted Oxoporphyrinogens for Hydrogen-Bond Donor Catalysis. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 82-90	3.2	8
216	Atomic Nanoarchitectonics for Catalysis. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001395	4.6	8
215	Totally Phospholipidic Mesoporous Particles. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 7255-7263	3.8	7
214	Nanoarchitektur als ein Ansatz zur Erzeugung biofönlcher hierarchischer Organismen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15550-15574	3.6	7
213	NMR Spectroscopic Determination of Enantiomeric Excess Using Small Prochiral Molecules. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 5114-5120	3.4	7
212	Fluorescent mesomorphic pyrazinacenes. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 11514-11523	7.1	7
211	Mesoporous Carbons Functionalized with Aromatic, Aliphatic, and Cyclic Amines, and their Superior Catalytic Activity. <i>ChemCatChem</i> , <b>2014</b> , 6, 2872-2880	5.2	7
210	Facile fabrication of silver nanoclusters as promising surface-enhanced Raman scattering substrates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2245-51	1.3	7
209	Immobilization of chiral amide derived from (1R,2S)-( $\alpha$ )-norephedrine over 3D nanoporous silica for the enantioselective addition of diethylzinc to aldehydes. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 155, 40-46	5.3	7
208	Production of Self-Assembled Fullerene (C60) Nanocrystals at Liquid-Liquid Interface. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 2394-9	1.3	7
207	In-situ formation of silver nanoparticles using nonionic surfactant reverse micelles as nanoreactors. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2238-44	1.3	7
206	Self-Assembled Structures of Diglycerol Monolaurate- and Monomyristate in Olive Oil. <i>Journal of Dispersion Science and Technology</i> , <b>2009</b> , 30, 1525-1532	1.5	7

205	Mixing antisolvents induced modulation in the morphology of crystalline C60. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 6380-4	1.3	7
204	Synthesis of Fructose and Acylal Using Hexagonally Ordered Mesoporous Aluminosilicate Catalyst. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2008</b> , 73, 1112-1124		7
203	Bio/Carbon Nanomaterials-The Adsorption of Lysozyme on Mesoporous Carbon Molecular Sieves-. <i>Kobunshi Ronbunshu</i> , <b>2004</b> , 61, 623-627	0	7
202	Molecular recognition by wall-assembling-type nanocavity in aqueous media. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2002</b> , 2, 41-4	1.3	7
201	Formation of Mesoscopic Patterns with Molecular-Level Flatness by Simple Casting of Chloroform Solutions of Tripeptide-Containing Amphiphiles. <i>Chemistry Letters</i> , <b>1999</b> , 28, 787-788	1.7	7
200	Measurement of the Detachment of LB Films from a Piezoelectric Quartz Plate at the Air-Water Interface. <i>Journal of Colloid and Interface Science</i> , <b>1994</b> , 167, 275-280	9.3	7
199	Flaking of Langmuir-Blodgett films at the air-water interface. <i>Langmuir</i> , <b>1989</b> , 5, 1261-1262	4	7
198	Supramolecular Approaches to Nanotechnology: Switching Properties and Dynamic Functions. <i>Current Organic Chemistry</i> , <b>2011</b> , 15, 3719-3733	1.7	7
197	Facile Synthesis of Tellurium Nanowires and Study of Their Third-Order Nonlinear Optical Properties. <i>Journal of the Brazilian Chemical Society</i> , <b>2016</b> ,	1.5	7
196	Visible light promoted photocatalytic water oxidation: proton and electron collection via a reversible redox dye mediator. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 3718-3722	5.5	7
195	Discrimination of Methanol from Ethanol in Gasoline Using a Membrane-type Surface Stress Sensor Coated with Copper(I) Complex. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 648-654	5.1	7
194	Materials Nanoarchitectonics from Atom to Living Cell: A Method for Everything. <i>Bulletin of the Chemical Society of Japan</i> ,	5.1	7
193	Quinone-Facilitated Coordinated Bipyrene and Polypyrene on Au(111) by Capture of Gold Adatoms. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 16281-16287	3.8	6
192	Nanomechanical Recognition and Discrimination of Volatile Molecules by Au Nanocages Deposited on Membrane-Type Surface Stress Sensors. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 4061-4068	5.6	6
191	Supramolecular ultrafast energy and electron transfer in a directly linked BODIPY-oxoporphyrinogen dyad upon fluoride ion binding. <i>Chemical Communications</i> , <b>2020</b> , 56, 3855-3858	5.8	6
190	Vortex-Aligned Ordered Film of Crystalline Fullerene C Microtubes with Enhanced Photoluminescence and Photovoltaics Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 2971-2978	1.3	6
189	Room and elevated temperature lithium-ion storage in structurally submicron carbon spheres with mechanistic. <i>Carbon</i> , <b>2018</b> , 134, 334-344	10.4	6
188	Anion binding, electrochemistry and solvatochromism of brominated oxoporphyrinogens. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4006-16	4.3	6



187	Self-assembly of a mononuclear [Fe(III)(L)(EtOH) <sub>2</sub> ] complex bearing an n-dodecyl chain on solid highly oriented pyrolytic graphite surfaces. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16419-25	4.8	6
186	Water induced microstructure transformation of diglycerol monolaurate reverse micelles in ethylbenzene. <i>Journal of Oleo Science</i> , <b>2012</b> , 61, 575-84	1.6	6
185	Growth control of nonionic reverse micelles by surfactant and solvent molecular architecture and water addition. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 4863-73	1.3	6
184	Structures and properties of hemiquinone-substituted oxoporphyrinogens. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2009</b> , 13, 60-69	1.8	6
183	Superconducting nanocrystalline tin protected by carbon. <i>Langmuir</i> , <b>2009</b> , 25, 2582-4	4	6
182	Novel microporous carbon material with flower like structure templated by MCM-22. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 2913-6	1.3	6
181	Nanoporous reactor with tunable selectivity on alkylation of ethylbenzene. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 542-9	1.3	6
180	Preparation Condition of a Novel Organic-Inorganic Hybrid Vesicle "Cerasome".. <i>Kobunshi Ronbunshu</i> , <b>2000</b> , 57, 251-253	0	6
179	AFM Observation of a Supramolecular Rod-like Structure of Bilayer Membrane Formed from Tripeptide-Containing Amphiphiles. <i>Chemistry Letters</i> , <b>1998</b> , 27, 493-494	1.7	6
178	Progress in Molecular Nanoarchitectonics and Materials Nanoarchitectonics. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
177	Fabrication and characterization of branched carbon nanostructures. <i>Beilstein Journal of Nanotechnology</i> , <b>2016</b> , 7, 1260-1266	3	6
176	Amphiprotism-Coupled Near-Infrared Emission in Extended Pyrazinacenes Containing Seven Linearly Fused Pyrazine Units. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19570-19574	16.4	6
175	<sup>1</sup> H NMR study of thermo-induced collapse of polyelectrolyte microgels. <i>EXPRESS Polymer Letters</i> , <b>2018</b> , 12, 1005-1013	3.4	6
174	Intercalation compounds of a synthetic alkylammonium-smectite with alkanolamines and their unique humidity response properties. <i>Applied Clay Science</i> , <b>2015</b> , 104, 88-95	5.2	5
173	Nanoarchitectonics of Lotus Seed Derived Nanoporous Carbon Materials for Supercapacitor Applications. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
172	Bioactive supra decorated thiazolidine-4-carboxylic acid derivatives attenuate cellular oxidative stress by enhancing catalase activity. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 7942-7951	3.6	5
171	Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a Ru(II)(2,2'-bpy) <sub>2</sub> Derivative. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2541-2548	2.3	5
170	Junction-Controlled Topological Polymerization. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5030-5033	3.6	5

169	Selective octabromination of tetraarylporphyrins based on meso-substituent identity: Structural and electrochemical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 213-222	1.8	5
168	Hollow Capsules Fabricated by Template Polymerization of N-Vinylcaprolactam. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 2389-93	1.3	5
167	Ubiquinone-Rhodol (UQ-Rh) for Fluorescence Imaging of NAD(P)H through Intracellular Activation. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4074-4076	3.6	5
166	Unexpected but convenient synthesis of soluble meso-tetrakis(3,4-benzoquinone)-substituted porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2014</b> , 18, 173-181	1.8	5
165	Multicolour fluorescent memory based on the interaction of hydroxy terphenyls with fluoride anions. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16293-300	4.8	5
164	Size selective excitonic transition energies in strongly confined CdSe quantum dots. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7709-14	1.3	5
163	Morphological control of porous SiC templated by As-synthesized form of mesoporous silica. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 6823-9	1.3	5
162	Crystallographic phase induced electro-optic properties of nanorod blend nematic liquid crystal. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7729-34	1.3	5
161	Hierarchic Template Approach for Synthesis of Silica Nanocapsules with Tuned Shell Thickness. <i>Chemistry Letters</i> , <b>2011</b> , 40, 840-842	1.7	5
160	Characteristic IR C=C stretch enhancement in monolayers by nonconjugated, noncumulated unsaturated bonds. <i>Langmuir</i> , <b>2010</b> , 26, 4594-7	4	5
159	Novel Highly Acidic Nanoporous Cage Type Materials and Their Catalysis. <i>Topics in Catalysis</i> , <b>2009</b> , 52, 111-118	2.3	5
158	Variable temperature characterization of N,N'-Bis(n-pentyl)terrylene-3,4:11,12-tetracarboxylic diimide thin film transistor. <i>Organic Electronics</i> , <b>2009</b> , 10, 1187-1190	3.5	5
157	Ag Nanoparticle-Poly(acrylic acid) Composite Film with Dynamic Plasmonic Properties. <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 1223	1.2	5
156	Stable pseudotetrahedral supermolecules based on an oxoporphyrinogen. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 2935-2938	2	5
155	Construction and electrochemistry of Langmuir-Blodgett films of fullerene lipid composite/hybrid materials. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 1779-85	1.3	5
154	Regulation of film electrochemistry and CO binding of a diruthenium complex embedded in artificial lipids on an electrode. <i>Thin Solid Films</i> , <b>2006</b> , 499, 349-353	2.2	5
153	Steroid cyclophane as a versatile artificial receptor. Molecular recognition in water, at air/water interface, and in lipid bilayer membrane. <i>Journal of Supramolecular Chemistry</i> , <b>2001</b> , 1, 275-281		5
152	FT-IR, TEM, and AFM studies of supramolecular architecture formed by tripeptide-containing monoalkyl amphiphiles. <i>Polymers for Advanced Technologies</i> , <b>2000</b> , 11, 856-864	3.2	5

151	Atomic Force Microscopic Observation of Random Molecular Arrangement in Dialkyl Guanidinium Monolayer. <i>Chemistry Letters</i> , <b>1996</b> , 25, 857-858	1.7	5
150	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	5
149	Band mobility exceeding 10 cm <sup>2</sup> V <sup>-1</sup> s <sup>-1</sup> assessed by field-effect and chemical double doping in semicrystalline polymeric semiconductors. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 013302	3.4	5
148	Cavitation and radicals drive the sonochemical synthesis of functional polymer spheres. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 041901	3.4	5
147	Robust, Transparent Hybrid Thin Films of Phase-Change Material Sb <sub>2</sub> S <sub>3</sub> Prepared by Electrophoretic Deposition. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 9891-9901	6.1	5
146	Dimension-controlled halide perovskites using templates. <i>Nano Today</i> , <b>2021</b> , 39, 101181	17.9	5
145	One-dimensional Sn(IV) hydroxide nanofluid toward nonlinear optical switching. <i>Materials Horizons</i> , <b>2020</b> , 7, 1150-1159	14.4	4
144	Electro-click construction of hybrid nanocapsule films with triggered delivery properties. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 2761-2770	3.6	4
143	An Artificial Reaction Promoter Modulates Mitochondrial Functions via Chemically Promoting Protein Acetylation. <i>Scientific Reports</i> , <b>2016</b> , 6, 29224	4.9	4
142	Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5802-5809	4.3	4
141	Layer-by-layer growth of precisely controlled hetero-molecular multi-layers and superlattice structures. <i>Thin Solid Films</i> , <b>2014</b> , 554, 74-77	2.2	4
140	Ligand displacement for fixing manganese: relevance to cellular metal ion transport and synthesis of polymeric coordination complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2779-85	4.3	4
139	Immobilization of chiral oxazaborolidine catalyst over highly ordered 3D mesoporous silica with Ia3d symmetry for enantioselective reduction of prochiral ketone. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 4950-6	3.6	4
138	Low temperature synthesis and visible light driven photocatalytic activity of highly crystalline mesoporous TiO <sub>2</sub> particles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 8124-9	1.3	4
137	Structural investigation of diglycerol monolaurate reverse micelles in nonpolar oils cyclohexane and octane. <i>Journal of Oleo Science</i> , <b>2009</b> , 58, 235-42	1.6	4
136	Fabrication of mesoporous carbons with rod and winding road like morphology using NbSBA-15 templates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 329-35	1.3	4
135	Spectroscopic characterization and catalytic performances of Iron substituted three dimensional cubic SBA-1 and KIT-5 mesoporous molecular sieves. <i>Studies in Surface Science and Catalysis</i> , <b>2005</b> , 703-710	1.8	4
134	Stoichiometric Complexes between Cyclic Phenylazomethines and a Dialkyl Phosphate for Molecular Tiling at the Air/Water Interface. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2002</b> , 2, 669-674	1.3	4

133	A General Concurrent Template Strategy for Ordered Mesoporous Intermetallic Nanoparticles with Controllable Catalytic Performance.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	4
132	Novel Concepts for Organic Syntheses Based on Interfaces and Molecular Machines. <i>Current Organic Synthesis</i> , <b>2012</b> , 9, 428-438	1.9	4
131	Exploration of Molecular Function (Molecular Recognition and Molecular Machinery) beyond Molecular Design and Synthesis: Surface Science May Bring One-Million-Times Better Results!?. <i>Yuki Gosei Kagaku Kyokashii/Journal of Synthetic Organic Chemistry</i> , <b>2017</b> , 75, 219-227	0.2	4
130	Diporphyrin tweezer for multichannel spectroscopic analysis of enantiomeric excess. <i>Frontiers of Chemical Science and Engineering</i> , <b>2020</b> , 14, 28-40	4.5	4
129	Jackfruit Seed-Derived Nanoporous Carbons as the Electrode Material for Supercapacitors. <i>Journal of Carbon Research</i> , <b>2020</b> , 6, 73	3.3	4
128	Selective Phase Transfer Reagents (OxP-crowns) for Chromogenic Detection of Nitrates Especially Ammonium Nitrate. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13177-13183	4.8	4
127	Nanoarchitectonics at Interfaces for Regulations of Biorelated Phenomena: Small Structures with Big Effects. <i>Small Structures</i> , <b>2021</b> , 2, 2100006	8.7	4
126	Switching the solubility of electroactive ionic liquids for designing high energy supercapacitor and low potential biosensor. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 588, 221-231	9.3	4
125	Monitoring the Release of Silver from a Supramolecular Fullerene C60-AgNO3 Nanomaterial. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 1347-1354	5.1	4
124	Zero-to-Two Nanoarchitectonics: Fabrication of Two-Dimensional Materials from Zero-Dimensional Fullerene. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
123	Washnut Seed-Derived Ultrahigh Surface Area Nanoporous Carbons as High Rate Performance Electrode Material for Supercapacitors. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 565-572	5.1	4
122	Mesoporous Alumina-Titania Composites with Enhanced Molybdenum Adsorption towards Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 502-507	5.1	4
121	Lipid coating technology: A potential solution to address the problem of sticky containers and vanishing drugs. <i>View</i> , 20200078	7.8	4
120	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. <i>Chemical Science</i> , <b>2020</b> , 11, 2614-2620	9.4	3
119	Thermodynamic and Morphological Properties of Trastuzumab Regulated by the Lipid Composition of Cell Membrane Models at the Air-Water Interface. <i>Biophysical Journal</i> , <b>2020</b> , 118, 77a	2.9	3
118	Mesostructured fullerene crystals through inverse polymeric micelle assembly. <i>Materials Letters</i> , <b>2017</b> , 209, 272-275	3.3	3
117	A Simple Approach to Generate Hollow Carbon Nanospheres Loaded with Uniformly Dispersed Metal Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5413-5416	2.3	3
116	Novel solid-state luminous composites from a layered inorganicorganic monolith containing neutral porphyrins. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 12156-12169	4.3	3

115	A Single-Step Synthesis of Electroactive Mesoporous ProDOT-Silica Structures. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8527-8530	3.6	3
114	81 Structures and Properties of Non-Planar Tetrapyrroles. <i>Handbook of Porphyrin Science</i> , <b>2012</b> , 123-167	0.3	3
113	Structure of diglycerol monomyristate reverse micelles in styrene: a small-angle X-ray scattering (SAXS) study. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 6986-94	1.3	3
112	Highly basic CaO nanoparticles in mesoporous carbon materials and their excellent catalytic activity. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 4613-20	1.3	3
111	Two-dimensional molecular patterns and their dynamic functions: Molecular recognition of aqueous guest by mixed monolayer of alkyl cyclophane and amphiphilic guanidinium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 284-285, 499-504	5.1	3
110	Nanostructured silicate film templated by discotic CT-complex column. <i>Studies in Surface Science and Catalysis</i> , <b>2003</b> , 73-76	1.8	3
109	Layered Nanoarchitectures between Cationic and Anionic Materials -Composite Assemblies of Polyions, Lipid Bilayers, and Proteins-. <i>Defect and Diffusion Forum</i> , <b>2001</b> , 191, 35-60	0.7	3
108	Fullerphene Nanosheets: A Bottom-Up 2D Material for Single-Carbon-Atom-Level Molecular Discrimination. <i>Advanced Materials Interfaces</i> , 2102241	4.6	3
107	Self-Assembled Corn-Husk-Shaped Fullerene Crystals as Excellent Acid Vapor Sensors. <i>Chemosensors</i> , <b>2022</b> , 10, 16	4	3
106	High-Performance Supercapacitor Materials Based on Hierarchically Porous Carbons Derived from Artocarpus heterophyllus Seed. <i>ACS Applied Energy Materials</i> ,	6.1	3
105	Solvothermally synthesized anatase TiO <sub>2</sub> nanoparticles for photoanodes in dye-sensitized solar cells. <i>Science and Technology of Advanced Materials</i> , <b>2021</b> , 22, 100-112	7.1	3
104	Increasing the complexity of oxoporphyrinogen colorimetric sensing chromophores: N-alkylation and substitution. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 1184-1194	1.8	3
103	Development of MOF Reinforcement for Structural Stability and Toughness Enhancement of Biodegradable Bioinks. <i>Biomacromolecules</i> , <b>2021</b> , 22, 1053-1064	6.9	3
102	Revisiting properties of edge-bridged bromide tantalum clusters in the solid-state, in solution and vice versa: an intertwined experimental and modelling approach. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8002-8016	4.3	3
101	Incorporation of 5-Nitroisatin for Tailored Hydroxyapatite Nanorods and its Effect on Cervical Cancer Cells: A Nanoarchitectonics Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2021</b> , 31, 1946-1953	3.2	3
100	Demonstration of a Novel Charge-Free Reverse Wormlike Micelle System. <i>Langmuir</i> , <b>2018</b> , 34, 8670-8677	4	3
99	Nanoarchitectonics for Analytical Science at Interfaces and with Supramolecular Nanostructures. <i>Analytical Sciences</i> , <b>2021</b> , 37, 1331-1348	1.7	3
98	Sequential actions of glucose oxidase and peroxidase in molecular films assembled by layer-by-layer alternate adsorption <b>1996</b> , 51, 163		3

97	Hyper 100 °C Langmuir-Blodgett (Langmuir-Schaefer) Technique for Organized Ultrathin Film of Polymeric Semiconductors. <i>Langmuir</i> , <b>2021</b> ,	4	3
96	Fullerene Rosette: Two-Dimensional Interactive Nanoarchitectonics and Selective Vapor Sensing. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5454	6.3	3
95	Percolation Behavior of Nonionic Reverse Micellar Solution. <i>Chemistry Letters</i> , <b>2017</b> , 46, 408-410	1.7	2
94	Nanoarchitectonics + future leaders = bright success in materials science and technology. <i>Science and Technology of Advanced Materials</i> , <b>2015</b> , 16, 010302	7.1	2
93	Electron and energy transfer in a porphyrin-oxoporphyrinogen-fullerene triad, ZnP-OxP-C. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 14356-14363	3.6	2
92	Central metal dependent modulation of induced-fit gas uptake in molecular porphyrin solids. <i>Chemical Communications</i> , <b>2018</b> , 54, 7822-7825	5.8	2
91	Cross-linked conjugated polymer assemblies at the air-water interface through supramolecular bundling. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15911-4	4.3	2
90	Titania Nanoparticles Stabilized HPA in SBA-15 for the Intermolecular Hydroamination of Activated Olefins. <i>ChemCatChem</i> , <b>2014</b> , 6, 3267-3267	5.2	2
89	Novel Multilayer Thin Films: Hierarchic Layer-by-Layer (Hi-LbL) Assemblies <b>2012</b> , 69-81		2
88	LangmuirBlodgett (LB) Film <b>2012</b> , 43-105		2
87	Nanophotonics and supramolecular chemistry. <i>Nanophotonics</i> , <b>2013</b> , 2, 265-277	6.3	2
86	SAXS and rheometry studies of diglycerol monolurate reverse micelles in styrene. <i>Journal of Oleo Science</i> , <b>2011</b> , 60, 393-401	1.6	2
85	Mesoporous carbon encapsulated with SrO nanoparticles for the transesterification of ethyl acetoacetate. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 8467-74	1.3	2
84	Nanostructured manganese oxide particles from coordination complex decomposition and their catalytic properties for ethanol oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 8087-93 <sup>1-3</sup>		2
83	Bio-inorganic Nanohybrids Based on Organoclay Self-assembly 239-270		2
82	Synthesis of well-ordered carboxyl group functionalized mesoporous carbon using non-toxic oxidant, (NH <sub>4</sub> ) <sub>2</sub> S <sub>2</sub> O <sub>8</sub> . <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 165, 909-912	1.8	2
81	One and three dimensional mesoporous carbon nitride molecular sieves with tunable pore diameters. <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 165, 905-908	1.8	2
80	Functional capsule membranes. Part 28. A capsule membrane grafted with viologen-containing polymers as a reactor of electron-transfer catalysis in heterophases. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1987</b> , 1003		2

79	Carbon Nanoarchitectonics for Energy and Related Applications. <i>Journal of Carbon Research</i> , <b>2021</b> , 7, 73	3.3	2
78	CHAPTER 7:Halloysite and Related Mesoporous Carriers for Advanced Catalysis and Drug Delivery. <i>RSC Smart Materials</i> , <b>2016</b> , 207-222	0.6	2
77	Enantiomeric Excess Dependent Splitting of NMR Signal through Dynamic Chiral Inversion and Coligand Exchange in a Coordination Complex. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 8164-8169	6.4	2
76	Supermolecules <b>2016</b> , 25-40		2
75	Bottom-up fabrication of the multi-layer carbon metal nanosheets.. <i>RSC Advances</i> , <b>2020</b> , 10, 7987-7993	3.7	2
74	Estimation of Enantiomeric Excess Based on Rapid Host-Guest Exchange. <i>Chemosensors</i> , <b>2021</b> , 9, 259	4	2
73	Mechano-Nanoarchitectonics: Design and Function.. <i>Small Methods</i> , <b>2022</b> , e2101577	12.8	2
72	Bio-interactive nanoarchitectonics with two-dimensional materials and environments.. <i>Science and Technology of Advanced Materials</i> , <b>2022</b> , 23, 199-224	7.1	2
71	High Surface Area Nanoporous Activated Carbons Materials from Areca catechu Nut with Excellent Iodine and Methylene Blue Adsorption. <i>Journal of Carbon Research</i> , <b>2022</b> , 8, 2	3.3	2
70	Langmuir-Blodgett Nanoarchitectonics, Out of the Box. <i>Accounts of Materials Research</i> ,	7.5	2
69	Stoichiometric complexes between cyclic phenylazomethines and a dialkyl phosphate for molecular tiling at the air-water interface. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2002</b> , 2, 669-74	1.3	2
68	Hierarchical SnO <sub>2</sub> Nanostructure with High Energy {113} Facet as Pt-Support for Improved Oxygen Reduction Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 2929-2936	1.3	1
67	Langmuir-Blodgett Films for Nanoarchitectonics <b>2019</b> , 17-29		1
66	Hydrotalcite-Supported Ag/Pd Bimetallic Nanoclusters Catalyzed Oxidation and One-Pot Aldol Reaction in Water. <i>Catalysts</i> , <b>2020</b> , 10, 1120	4	1
65	Rotaxanation as a sequestering template to preclude incidental metal insertion in complex oligochromophores. <i>Chemical Communications</i> , <b>2020</b> , 56, 7447-7450	5.8	1
64	Nanoarchitectonics Approach for Sensing <b>2018</b> , 255-263		1
63	Change Thinking toward Nanoarchitectonics <b>2018</b> , 1-6		1
62	Syntheses and structural characterization of amphiphilic mononuclear complexes [Fe <sup>III</sup> (L)(X) <sub>2</sub> ] (X = Br, SCN). <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 3182-3191	1.6	1

61	Thermally Induced Intra-Carboxyl Proton Shuttle in a Molecular Rack-and-Pinion Cascade Achieving Macroscopic Crystal Deformation. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 14848-14852	3.6	1
60	Silica Nanomaterials. <i>Methods in Pharmacology and Toxicology</i> , <b>2016</b> , 137-151	1.1	1
59	Bioinspired Materials Chemistry I: Organic-Inorganic Nanocomposites <b>2012</b> , 121-138		1
58	Non-Aqueous Foams: Formation and Stability <b>2012</b> , 169-206		1
57	Structure of Nonionic Reverse Micelles in Octylbenzene. <i>Journal of Dispersion Science and Technology</i> , <b>2013</b> , 34, 684-691	1.5	1
56	Molecular alignment and energy-level diagram at heteromolecular interface of quaterrylene and terrylene-3,4,11,12-tetracarboximide. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 4888-92	1.3	1
55	Self-Assembled Nanoarchitectures: Thin-Film-Based Nanoarchitectures for Soft Matter: Controlled Assemblies into Two-Dimensional Worlds (Small 10/2011). <i>Small</i> , <b>2011</b> , 7, 1287-1287	11	1
54	Structural characterizations of diglycerol monomyristate reverse micelles in aromatic solvent ethylbenzene. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 3716-24	1.3	1
53	Structure and rheology of charge-free reverse micelles in aromatic liquid phenyloctane. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 3701-15	1.3	1
52	Coordinative nanoporous polymers synthesized with hydrogen-bonded columnar liquid crystals. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2012</b> , 12, 7885-95	1.3	1
51	Dynamic cavity array of steroid cyclophanes at membrane surface. <i>Studies in Surface Science and Catalysis</i> , <b>2001</b> , 132, 443-446	1.8	1
50	Monolayer of Cyclophane with Multiple Alkyl Chains for Molecular Tiling. <i>Molecular Crystals and Liquid Crystals</i> , <b>2001</b> , 371, 21-24		1
49	Modulation of Photo-Signal Based on Molecular Recognition by Steroid Cyclophane in Liquid Assembly. <i>Molecular Crystals and Liquid Crystals</i> , <b>2001</b> , 370, 343-346		1
48	Self-assembly Enabling Materials Nanoarchitectonics <b>2022</b> , 87-107		1
47	Adsorption of protein on three dimensional large pore cage type mesoporous material. <i>Transactions of the Materials Research Society of Japan</i> , <b>2007</b> , 32, 995-997	0.2	1
46	Nonionic reverse micelles near the critical point. <i>Journal of Oleo Science</i> , <b>2013</b> , 62, 1073-81	1.6	1
45	Self-Assembly of Functional Protein Multilayers. <i>Surfactant Science</i> , <b>2003</b> ,		1
44	Nano-architectonics for coordination assemblies at interfacial media. <i>Advances in Inorganic Chemistry</i> , <b>2020</b> , 76, 239-268	2.1	1



43	1D materials from ionic self-assembly in mixtures containing chromonic liquid crystal mesogens. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 23276-23285	3.6	1
42	Nanoarchitectonics Can Save Our Planet: Nanoarchitectonics for Energy and Environment. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2021</b> , 31, 2243-2244	3.2	1
41	Micelle-Assisted Strategy for the Direct Synthesis of Large-Sized Mesoporous Platinum Catalysts by Vapor Infiltration of a Reducing Agent. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	1
40	Enhancement of singlet oxygen generation based on incorporation of oxoporphyrinogen (OxP) into microporous solids. <i>Materials Today Chemistry</i> , <b>2021</b> , 21, 100534	6.2	1
39	Supramolecular Chemistry at the Mesoscale11-36		1
38	Luminescence properties of SnO <sub>2</sub> nanoparticles dispersed in Eu <sup>3+</sup> doped SiO <sub>2</sub> matrix. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 1489-93	1.3	1
37	Surface Plasmon Tunability of Core-Shell Au@Mo Nanoparticles by Shell Thickness Modification.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 2150-2157	6.4	1
36	Layer-by-Layer Nanolayers for Green Science <b>2017</b> , 335-352		0
35	Single-Atom Catalysts. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100436	4.6	0
34	DNA-Based Nanoarchitectures as Eminent Vehicles for Smart Drug Delivery Systems. <i>Advanced Functional Materials</i> , 2200924	15.6	0
33	Evaluation of the effects of natural isoquinoline alkaloids on low density lipoprotein receptor (LDLR) and proprotein convertase subtilisin/kexin type 9 (PCSK9) in hepatocytes, as new potential hypocholesterolemic agents.. <i>Bioorganic Chemistry</i> , <b>2022</b> , 121, 105686	5.1	0
32	Self-Assembled Nanosheets: Optogenetic Modulation and Reprogramming of Bacteriorhodopsin-Transfected Human Fibroblasts on Self-Assembled Fullerene C <sub>60</sub> Nanosheets (Adv. Biosys. 2/2019). <i>Advanced Biology</i> , <b>2019</b> , 3, 1970023	3.5	
31	Functional Nanomaterials Prepared by Nanoarchitectonics-Based Supramolecular Assembly. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , <b>2015</b> , 45-61	0.3	
30	Supramolecular Chemistry at Interfaces: Origin and Future. <i>Bulletin of Japan Society of Coordination Chemistry</i> , <b>2016</b> , 67, 30-40	0.3	
29	Demonstration of Reentrant Relaxor Ferroelectric Phase Transitions in Antiferroelectric-Based (Pb <sub>0.50</sub> Ba <sub>0.50</sub> )ZrO <sub>3</sub> Ceramics. <i>Energies</i> , <b>2018</b> , 11, 850	3.1	
28	Reaction mediated artificial cell termination: control of vesicle viability using Rh(I)-catalyzed hydrogenation. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 16454-7	3.6	
27	Nanosystem Control: Mechanical Control of Nanomaterials and Nanosystems (Adv. Mater. 2/2012). <i>Advanced Materials</i> , <b>2012</b> , 24, 157-157	24	
26	Stimuli-Responsive Charge-Free Reverse Micelles in Non-Aqueous Media <b>2017</b> , 37-61		

- 25 Nanoarchitectonics of Biomimetic Membranes **2017**, 39-59
- 24 Supramolecular Nanotechnology: Soft Assembly of Hard Nanomaterials **2015**, 95-108
- 23 Patient-Controlled Drug Delivery System Utilizing Mechanical Stimuli-Responsive Gel Carrier. *Drug Delivery System*, **2013**, 28, 92-98 0
- 22 Life from Interface. *Cellular Origin and Life in Extreme Habitats*, **2012**, 237-252
- 21 Layer-by-Layer (LbL) Assembly **2012**, 107-155
- 20 Other Thin Films **2012**, 157-203
- 19 Topographically controlled growth of silver nanoparticle clusters. *Physica Status Solidi - Rapid Research Letters*, **2012**, 6, 202-204 2.5
- 18 Organic-Inorganic Supramolecular Materials **2011**, 43-55
- 17 A special section on atomically controlled fabrication technology. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 2761-2 1.3
- 16 RECENT DEVELOPMENTS ON PORPHYRIN ASSEMBLIES **2009**, 183-213
- 15 Supramolecular Structures and Functions with Inorganic Building Blocks **2009**, 1-33
- 14 RECENT DEVELOPMENTS ON PORPHYRIN ASSEMBLIES. *Cosmos*, **2008**, 04, 141-171
- 13 Enzyme-Based Bioinorganic Materials 443-484
- 12 Morphological homogenization of melamine lipid monolayer by using thermal molecular motion: formation of mesoscopic pattern based on hydrogen bonding network. *Studies in Surface Science and Catalysis*, **2001**, 537-540 1.8
- 11 Monolayer and bilayer properties of oligopeptide-containing lipids [Difference in phase transition behavior] *Studies in Surface Science and Catalysis*, **2001**, 553-556 1.8
- 10 What is Nanoarchitectonics?. *NIMS Monographs*, **2002**, 3-6 0.3
- 9 Fabrication and Function of Biohybrid Nanomaterials Prepared via Supramolecular Approaches **2008**, 335-366
- 8 Hierarchically Structured Functional Materials: Mesoporous Materials, Layer-by-Layer Films, and Self-Assembled Structures. *Journal of the Japan Society of Colour Material*, **2018**, 91, 310-315 0

- 7 Nanoarchitectonics. *Nanostructure Science and Technology*, **2022**, 35-44 0.9
- 6 A Chemists Method for Making Pure Clean Graphene. *Carbon Nanostructures*, **2012**, 129-136 0.6
- 5 Tautomerism in Oxoporphyrinogens and Pyrazinacenes **2016**, 203-228
- 4 Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. *ChemElectroChem*, **2019**, 6, 5770-5770 4.3
- 3 Layered Nanoarchitectures by Layer-by-Layer(LbL)Assembly:. *Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan*, **2019**, 70, 336-342 0.1
- 2 Fullerene Nanoarchitectonics: Rich Possibilities in Organized Structures from Zero-Dimensional Unit. *Oleoscience*, **2021**, 21, 221-225 0.1
- 1 Fullerphene Nanosheets: A Bottom-Up 2D Material for Single-Carbon-Atom-Level Molecular Discrimination (Adv. Mater. Interfaces 11/2022). *Advanced Materials Interfaces*, **2022**, 9, 2270062 4.6