Katsuhiko Ariga

List of Publications by Year in Descending Order

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	Self-assembly Enabling Materials Nanoarchitectonics **2022**, 87-107		1
887	What is Nanoarchitectonics?. *NIMS Monographs*, **2022**, 3-6	0.3	
886	A General Concurrent Template Strategy for Ordered Mesoporous Intermetallic Nanoparticles with Controllable Catalytic Performance.. *Angewandte Chemie - International Edition*, **2022**,	16.4	4
885	The Past and the Future of Langmuir and Langmuir-Blodgett Films.. *Chemical Reviews*, **2022**,	68.1	19
884	Self-Assembled Corn-Husk-Shaped Fullerene Crystals as Excellent Acid Vapor Sensors. *Chemosensors*, **2022**, 10, 16	4	3
883	Nanoarchitectonics. *Nanostructure Science and Technology*, **2022**, 35-44	0.9	
882	Surface Plasmon Tunability of Core-Shell Au@Mo Nanoparticles by Shell Thickness Modification.. *Journal of Physical Chemistry Letters*, **2022**, 2150-2157	6.4	1
881	Mechano-Nanoarchitectonics: Design and Function.. *Small Methods*, **2022**, e2101577	12.8	2
880	Bio-interactive nanoarchitectonics with two-dimensional materials and environments.. *Science and Technology of Advanced Materials*, **2022**, 23, 199-224	7.1	2
879	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.. *Bioorganic Chemistry*, **2022**, 121, 105686	5.1	0
878	High Surface Area Nanoporous Activated Carbons Materials from Areca catechu Nut with Excellent Iodine and Methylene Blue Adsorption. *Journal of Carbon Research*, **2022**, 8, 2	3.3	2
877	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	
876	Fullerene Rosette: Two-Dimensional Interactive Nanoarchitectonics and Selective Vapor Sensing. *International Journal of Molecular Sciences*, **2022**, 23, 5454	6.3	3
875	There is still plenty of room for layer-by-layer assembly for constructing nanoarchitectonics-based materials and devices.. *Physical Chemistry Chemical Physics*, **2021**,	3.6	12
874	Material Evolution with Nanotechnology, Nanoarchitectonics, and Materials Informatics: What will be the Next Paradigm Shift in Nanoporous Materials?. *Advanced Materials*, **2021**, e2107212	24	10
873	Carbon Nanoarchitectonics for Energy and Related Applications. *Journal of Carbon Research*, **2021**, 7, 73	3.3	2
872	Solvothermally synthesized anatase TiO2 nanoparticles for photoanodes in dye-sensitized solar cells. *Science and Technology of Advanced Materials*, **2021**, 22, 100-112	7.1	3

871	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. *Communications Chemistry*, **2021**, 4,	6.3	5
870	Progress in Molecular Nanoarchitectonics and Materials Nanoarchitectonics. *Molecules*, **2021**, 26,	4.8	6
869	Nanoarchitectonics at Interfaces for Regulations of Biorelated Phenomena: Small Structures with Big Effects. *Small Structures*, **2021**, 2, 2100006	8.7	4
868	Nanoarchitectonics Can Save Our Planet: Nanoarchitectonics for Energy and Environment. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 2243-2244	3.2	1
867	Switching the solubility of electroactive ionic liquids for designing high energy supercapacitor and low potential biosensor. *Journal of Colloid and Interface Science*, **2021**, 588, 221-231	9.3	4
866	Challenges and solutions in surface engineering and assembly of boron nitride nanosheets. *Materials Today*, **2021**, 44, 194-210	21.8	10
865	Monitoring the Release of Silver from a Supramolecular Fullerene C60-AgNO3 Nanomaterial. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 1347-1354	5.1	4
864	Single-Atom Catalysts. *Advanced Materials Interfaces*, **2021**, 8, 2100436	4.6	0
863	Nanoarchitectonics for fullerene biology. *Applied Materials Today*, **2021**, 23, 100989	6.6	12
862	Zero-to-Two Nanoarchitectonics: Fabrication of Two-Dimensional Materials from Zero-Dimensional Fullerene. *Molecules*, **2021**, 26,	4.8	4
861	Band mobility exceeding 10 cm2 V−1 s−1 assessed by field-effect and chemical double doping in semicrystalline polymeric semiconductors. *Applied Physics Letters*, **2021**, 119, 013302	3.4	5
860	Atomic Nanoarchitectonics for Catalysis. *Advanced Materials Interfaces*, **2021**, 8, 2001395	4.6	8
859	Nanoarchitectonics Revolution and Evolution: From Small Science to Big Technology. *Small Science*, **2021**, 1, 2000032		31
858	Sorghum biomass-derived porous carbon electrodes for capacitive deionization and energy storage. *Microporous and Mesoporous Materials*, **2021**, 312, 110757	5.3	20
857	Nanoarchitectonics for Coordination Asymmetry and Related Chemistry. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 839-859	5.1	38
856	Zero-to-one (or more) nanoarchitectonics: how to produce functional materials from zero-dimensional single-element unit, fullerene. *Materials Advances*, **2021**, 2, 582-597	3.3	15
855	Life science nanoarchitectonics at interfaces. *Materials Chemistry Frontiers*, **2021**, 5, 1018-1032	7.8	9
854	Nanoarchitectonics on living cells.. *RSC Advances*, **2021**, 11, 18898-18914	3.7	12

853	Development of MOF Reinforcement for Structural Stability and Toughness Enhancement of Biodegradable Bioinks. *Biomacromolecules*, **2021**, 22, 1053-1064	6.9	3
852	Revisiting properties of edge-bridged bromide tantalum clusters in the solid-state, in solution and vice versa: an intertwined experimental and modelling approach. *Dalton Transactions*, **2021**, 50, 8002-8016	4.3	3
851	Nanoarchitectonics: what's coming next after nanotechnology?. *Nanoscale Horizons*, **2021**, 6, 364-378	10.8	73
850	Washnut Seed-Derived Ultrahigh Surface Area Nanoporous Carbons as High Rate Performance Electrode Material for Supercapacitors. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 565-572	5.1	4
849	Discrimination of Methanol from Ethanol in Gasoline Using a Membrane-type Surface Stress Sensor Coated with Copper(I) Complex. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 648-654	5.1	7
848	Mesoporous Alumina-Titania Composites with Enhanced Molybdenum Adsorption towards Medical Radioisotope Production. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 502-507	5.1	4
847	Incorporation of 5-Nitroisatin for Tailored Hydroxyapatite Nanorods and its Effect on Cervical Cancer Cells: A Nanoarchitectonics Approach. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 1946-1953	3.2	3
846	Robust, Transparent Hybrid Thin Films of Phase-Change Material Sb2S3 Prepared by Electrophoretic Deposition. *ACS Applied Energy Materials*, **2021**, 4, 9891-9901	6.1	5
845	Enhancement of singlet oxygen generation based on incorporation of oxoporphyrinogen (OxP) into microporous solids. *Materials Today Chemistry*, **2021**, 21, 100534	6.2	1
844	Dimension-controlled halide perovkites using templates. *Nano Today*, **2021**, 39, 101181	17.9	5
843	Nanoarchitectonics for Hierarchical Fullerene Nanomaterials. *Nanomaterials*, **2021**, 11,	5.4	9
842	Estimation of Enantiomeric Excess Based on Rapid Host□Guest Exchange. *Chemosensors*, **2021**, 9, 259	4	2
841	Visually resolving the direct Z-scheme heterojunction in CdS@ZnIn2S4 hollow cubes for photocatalytic evolution of H2 and H2O2 from pure water. *Applied Catalysis B: Environmental*, **2021**, 293, 120213	21.8	36
840	Fullerene Nanoarchitectonics: Rich Possibilities in Organized Structures from Zero-Dimensional Unit. *Oleoscience*, **2021**, 21, 221-225	0.1	
839	Nanoarchitectonics for Analytical Science at Interfaces and with Supramolecular Nanostructures. *Analytical Sciences*, **2021**, 37, 1331-1348	1.7	3
838	Hyper 100 °C Langmuir-Blodgett (Langmuir-Schaefer) Technique for Organized Ultrathin Film of Polymeric Semiconductors. *Langmuir*, **2021**,	4	3
837	Interfacial nanoarchitectonics for responsive cellular biosystems. *Materials Today Bio*, **2020**, 8, 100075	9.9	10
836	Nanoarchitectonics of Lotus Seed Derived Nanoporous Carbon Materials for Supercapacitor Applications. *Materials*, **2020**, 13,	3.5	5

835	Hydrotalcite-Supported Ag/Pd Bimetallic Nanoclusters Catalyzed Oxidation and One-Pot Aldol Reaction in Water. *Catalysts*, **2020**, 10, 1120	4	1
834	Fullerene Nanoarchitectonics with Shape-Shifting. *Materials*, **2020**, 13,	3.5	11
833	The lipid composition affects Trastuzumab adsorption at monolayers at the air-water interface. *Chemistry and Physics of Lipids*, **2020**, 227, 104875	3.7	10
832	Dual-Branched Dense Hexagonal Fe(II)-Based Coordination Nanosheets with Red-to-Colorless Electrochromism and Durable Device Fabrication. *ACS Applied Materials & Interfaces*, **2020**, 12, 31898-31903	9.5	31
831	Rotaxanation as a sequestering template to preclude incidental metal insertion in complex oligochromophores. *Chemical Communications*, **2020**, 56, 7447-7450	5.8	1
830	Don't Forget Langmuir-Blodgett Films 2020: Interfacial Nanoarchitectonics with Molecules, Materials, and Living Objects. *Langmuir*, **2020**, 36, 7158-7180	4	76
829	Electron and energy transfer in a porphyrin-oxoporphyrinogen-fullerene triad, ZnP-OxP-C. *Physical Chemistry Chemical Physics*, **2020**, 22, 14356-14363	3.6	2
828	Transparent Supercapacitor Display with Redox-Active Metallo-Supramolecular Polymer Films. *ACS Applied Materials & Interfaces*, **2020**, 12, 16342-16349	9.5	19
827	Supramolecular Chiral Nanoarchitectonics. *Advanced Materials*, **2020**, 32, e1905657	24	76
826	2D Nanoarchitectonics: Soft Interfacial Media as Playgrounds for Microobjects, Molecular Machines, and Living Cells. *Chemistry - A European Journal*, **2020**, 26, 6461-6472	4.8	23
825	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. *Journal of Physical Chemistry Letters*, **2020**, 11, 2422-2429	6.4	14
824	Nanomechanical Recognition and Discrimination of Volatile Molecules by Au Nanocages Deposited on Membrane-Type Surface Stress Sensors. *ACS Applied Nano Materials*, **2020**, 3, 4061-4068	5.6	6
823	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. *Angewandte Chemie - International Edition*, **2020**, 59, 15424-15446	16.4	78
822	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. *Chemical Science*, **2020**, 11, 2614-2620	9.4	3
821	Nanoarchitektonik als ein Ansatz zur Erzeugung bioähnlicher hierarchischer Organisate. *Angewandte Chemie*, **2020**, 132, 15550-15574	3.6	7
820	Bioactive supra decorated thiazolidine-4-carboxylic acid derivatives attenuate cellular oxidative stress by enhancing catalase activity. *Physical Chemistry Chemical Physics*, **2020**, 22, 7942-7951	3.6	5
819	Large-Area Aligned Fullerene Nanocrystal Scaffolds as Culture Substrates for Enhancing Mesenchymal Stem Cell Self-Renewal and Multipotency. *ACS Applied Nano Materials*, **2020**, 3, 6497-6506	5.6	27
818	Supramolecular ultrafast energy and electron transfer in a directly linked BODIPY-oxoporphyrinogen dyad upon fluoride ion binding. *Chemical Communications*, **2020**, 56, 3855-3858	5.8	6

817	Increasing the Potential Interacting Area of Nanomedicine Enhances Its Homotypic Cancer Targeting Efficacy. *ACS Nano*, **2020**, 14, 3259-3271	16.7	46
816	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
815	Thermodynamic and Morphological Properties of Trastuzumab Regulated by the Lipid Composition of Cell Membrane Models at the Air-Water Interface. *Biophysical Journal*, **2020**, 118, 77a	2.9	3
814	Soft Nanoarchitectonics for Enantioselective Biosensing. *Accounts of Chemical Research*, **2020**, 53, 644-653	24.3	37
813	Vortex-Aligned Ordered Film of Crystalline Fullerene C Microtubes with Enhanced Photoluminescence and Photovoltaics Properties. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 2971-2978	1.3	6
812	One-dimensional Sn(IV) hydroxide nanofluid toward nonlinear optical switching. *Materials Horizons*, **2020**, 7, 1150-1159	14.4	4
811	Intelligent Nanoarchitectonics for Self-Assembling Systems. *Advanced Intelligent Systems*, **2020**, 2, 1900157	6.7	8
810	Nanoarchitectonics from Atom to Life. *Chemistry - an Asian Journal*, **2020**, 15, 718	4.5	40
809	Nanoarchitectonics of Nanoporous Carbon Materials in Supercapacitors Applications. *Nanomaterials*, **2020**, 10,	5.4	26
808	Molecular Tuning Nanoarchitectonics for Molecular Recognition and Molecular Manipulation. *ChemNanoMat*, **2020**, 6, 870-880	3.5	19
807	Nanoporous Carbon Materials Derived from Washnut Seed with Enhanced Supercapacitance. *Materials*, **2020**, 13,	3.5	11
806	Nano-architectonics for coordination assemblies at interfacial media. *Advances in Inorganic Chemistry*, **2020**, 76, 239-268	2.1	1
805	100 °C-Langmuir-Blodgett Method for Fabricating Highly Oriented, Ultrathin Films of Polymeric Semiconductors. *ACS Applied Materials & Interfaces*, **2020**, 12, 56522-56529	9.5	21
804	Diporphyrin tweezer for multichannel spectroscopic analysis of enantiomeric excess. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 28-40	4.5	4
803	Emission Control by Molecular Manipulation of Double-Paddled Binuclear Pt Complexes at the Air-Water Interface. *Chemistry - an Asian Journal*, **2020**, 15, 406-414	4.5	19
802	Engineered functionalized 2D nanoarchitectures for stimuli-responsive drug delivery. *Materials Horizons*, **2020**, 7, 455-469	14.4	43
801	Post-assembly dimension-dependent face-selective etching of fullerene crystals. *Materials Horizons* , **2020**, 7, 787-795	14.4	21
800	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. *Advanced Materials*, **2020**, 32, e1905942	24	48

799	Molecular Engineering of Substituted Oxoporphyrinogens for Hydrogen-Bond Donor Catalysis. *European Journal of Organic Chemistry*, **2020**, 2020, 82-90	3.2	8
798	1D materials from ionic self-assembly in mixtures containing chromonic liquid crystal mesogens. *Physical Chemistry Chemical Physics*, **2020**, 22, 23276-23285	3.6	1
797	Helicity Manipulation of a Double-Paddled Binaphthyl in a Two-Dimensional Matrix Field at the Air-Water Interface. *ACS Nano*, **2020**, 14, 13294-13303	16.7	9
796	The evolution of molecular machines through interfacial nanoarchitectonics: from toys to tools. *Chemical Science*, **2020**, 11, 10594-10604	9.4	30
795	Jackfruit Seed-Derived Nanoporous Carbons as the Electrode Material for Supercapacitors. *Journal of Carbon Research*, **2020**, 6, 73	3.3	4
794	Molecular recognition at the air-water interface: nanoarchitectonic design and physicochemical understanding. *Physical Chemistry Chemical Physics*, **2020**, 22, 24856-24869	3.6	17
793	Atomic and Organic Nanoarchitectonics. *Trends in Chemistry*, **2020**, 2, 779-782	14.8	9
792	Selective Phase Transfer Reagents (OxP-crowns) for Chromogenic Detection of Nitrates Especially Ammonium Nitrate. *Chemistry - A European Journal*, **2020**, 26, 13177-13183	4.8	4
791	Saloplastics as multiresponsive ion exchange reservoirs and catalyst supports. *Journal of Materials Chemistry A*, **2020**, 8, 17713-17724	13	10
790	Methods with Nanoarchitectonics for Small Molecules and Nanostructures to Regulate Living Cells. *Small Methods*, **2020**, 4, 2000500	12.8	17
789	Enantiomeric Excess Dependent Splitting of NMR Signal through Dynamic Chiral Inversion and Coligand Exchange in a Coordination Complex. *Journal of Physical Chemistry Letters*, **2020**, 11, 8164-8169	6.4	2
788	Nanoarchitectonics for Nanocarbon Assembly and Composite. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 42-55	3.2	12
787	High Surface Area Nanoporous Graphitic Carbon Materials Derived from Lapsi Seed with Enhanced Supercapacitance. *Nanomaterials*, **2020**, 10,	5.4	17
786	Bottom-up fabrication of the multi-layer carbon metal nanosheets.. *RSC Advances*, **2020**, 10, 7987-7993	3.7	2
785	Interfacial nanoarchitectonics for molecular manipulation and molecular machine operation. *Current Opinion in Colloid and Interface Science*, **2019**, 44, 1-13	7.6	14
784	Soft material nanoarchitectonics at interfaces: molecular assembly, nanomaterial synthesis, and life control. *Molecular Systems Design and Engineering*, **2019**, 4, 49-64	4.6	28
783	Dynamic Control of Intramolecular Rotation by Tuning the Surrounding Two-Dimensional Matrix Field. *ACS Nano*, **2019**, 13, 2410-2419	16.7	29
782	Layer-by-Layer Assembly: Recent Progress from Layered Assemblies to Layered Nanoarchitectonics. *Chemistry - an Asian Journal*, **2019**, 14, 2553-2566	4.5	85

781	Quinone-Facilitated Coordinated Bipyrene and Polypyrene on Au(111) by Capture of Gold Adatoms. *Journal of Physical Chemistry C*, **2019**, 123, 16281-16287	3.8	6
780	Hydrous ferric oxide nanoparticles hosted porous polyethersulfone adsorptive membrane: chromium (VI) adsorptive studies and its applicability for water/wastewater treatment. *Environmental Science and Pollution Research*, **2019**, 26, 20386-20399	5.1	8
779	Langmuir-Blodgett Films for Nanoarchitectoncs **2019**, 17-29		1
778	Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. *Applied Surface Science*, **2019**, 487, 211-217	6.7	22
777	Materials Nanoarchitectonics as Cell Regulators. *ChemNanoMat*, **2019**, 5, 692-702	3.5	44
776	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
775	Self-Assembled Nanosheets: Optogenetic Modulation and Reprogramming of Bacteriorhodopsin-Transfected Human Fibroblasts on Self-Assembled Fullerene C60 Nanosheets (Adv. Biosys. 2/2019). *Advanced Biology*, **2019**, 3, 1970023	3.5	
774	Microwires of Au-Ag Nanocages Patterned via Magnetic Nanoadhesives for Investigating Proteins using Surface Enhanced Infrared Absorption Spectroscopy. *ACS Applied Materials & Interfaces*, **2019**, 11, 18053-18061	9.5	10
773	Fabrication of Nanoporous Carbon Materials with Hard- and Soft-Templating Approaches: A Review. *Journal of Nanoscience and Nanotechnology*, **2019**, 19, 3673-3685	1.3	39
772	Self-assembly as a key player for materials nanoarchitectonics. *Science and Technology of Advanced Materials*, **2019**, 20, 51-95	7.1	204
771	Jute-derived microporous/mesoporous carbon with ultra-high surface area using a chemical activation process. *Microporous and Mesoporous Materials*, **2019**, 274, 251-256	5.3	38
770	Langmuir Nanoarchitectonics from Basic to Frontier. *Langmuir*, **2019**, 35, 3585-3599	4	90
769	Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. *ChemElectroChem*, **2019**, 6, 5802-5809	4.3	4
768	Materials nanoarchitectonics at two-dimensional liquid interfaces. *Beilstein Journal of Nanotechnology*, **2019**, 10, 1559-1587	3	25
767	Atom/molecular nanoarchitectonics for devices and related applications. *Nano Today*, **2019**, 28, 100762	17.9	55
766	Toxicity of Two-Dimensional Layered Materials and Their Heterostructures. *Bioconjugate Chemistry*, **2019**, 30, 2287-2299	6.3	32
765	Nanoarchitectonics to prepare practically useful artificial enzymes. *Molecular Catalysis*, **2019**, 475, 110492	3.3	29
764	Monitoring Fluorescence Response of Amphiphilic Flapping Molecules in Compressed Monolayers at the Air-Water Interface. *Chemistry - an Asian Journal*, **2019**, 14, 2869-2876	4.5	25

763	Structural-Size Control of Domain from Nano to Micro: Logical Balancing between Attractive and Repulsive Interactions in Two Dimensions. *Langmuir*, **2019**, 35, 10383-10389	4	8
762	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. *Dalton Transactions*, **2019**, 48, 15583-15596	4.3	10
761	Review of advanced sensor devices employing nanoarchitectonics concepts. *Beilstein Journal of Nanotechnology*, **2019**, 10, 2014-2030	3	31
760	Ratiometric immunoassays built from synergistic photonic absorption of size-diverse semiconducting MoS2 nanostructures. *Materials Horizons*, **2019**, 6, 563-570	14.4	34
759	Rice Husk-Derived High Surface Area Nanoporous Carbon Materials with Excellent Iodine and Methylene Blue Adsorption Properties. *Journal of Carbon Research*, **2019**, 5, 10	3.3	20
758	Construction of Coordination Nanosheets Based on Tris(2,2'-bipyridine)-Iron (Fe) Complexes as Potential Electrochromic Materials. *ACS Applied Materials & Interfaces*, **2019**, 11, 11893-11903	9.5	37
757	Multimodal switching of a redox-active macrocycle. *Nature Communications*, **2019**, 10, 1007	17.4	13
756	Amphiprotism-Coupled Near-Infrared Emission in Extended Pyrazinacenes Containing Seven Linearly Fused Pyrazine Units. *Journal of the American Chemical Society*, **2019**, 141, 19570-19574	16.4	6
755	Increasing the complexity of oxoporphyrinogen colorimetric sensing chromophores: N-alkylation and β-substitution. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1184-1194	1.8	3
754	Supramolecular nanoarchitectonics for functional materials. *APL Materials*, **2019**, 7, 120903	5.7	12
753	Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. *ChemElectroChem*, **2019**, 6, 5770-5770	4.3	
752	Manipulating the Structural Transformation of Fullerene Microtubes to Fullerene Microhorns Having Microscopic Recognition Properties. *ACS Nano*, **2019**, 13, 14005-14012	16.7	26
751	Layered Nanoarchitectures by Layer-by-Layer(LbL)Assembly:. *Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan*, **2019**, 70, 336-342	0.1	
750	Nanoarchitectonic-Based Material Platforms for Environmental and Bioprocessing Applications. *Chemical Record*, **2019**, 19, 1891-1912	6.6	14
749	Indium Oxide/Carbon Nanotube/Reduced Graphene Oxide Ternary Nanocomposite with Enhanced Electrochemical Supercapacitance. *Bulletin of the Chemical Society of Japan*, **2019**, 92, 521-528	5.1	65
748	Unidirectional Branching Growth of Dipeptide Single Crystals for Remote Light Multiplication and Collection. *ACS Applied Materials & Interfaces*, **2019**, 11, 31-36	9.5	10
747	Enhanced Activity of Alcohol Dehydrogenase in Porous Silica Nanosheets with Wide Size Distributed Mesopores. *Bulletin of the Chemical Society of Japan*, **2019**, 92, 275-282	5.1	13
746	Optogenetic Modulation and Reprogramming of Bacteriorhodopsin-Transfected Human Fibroblasts on Self-Assembled Fullerene C60 Nanosheets. *Advanced Biology*, **2019**, 3, e1800254	3.5	12

745	Self-Assembled Fullerene Crystals as Excellent Aromatic Vapor Sensors. *Sensors*, **2019**, 19,	3.8	31
744	Biomolecule-Assisted Synthesis of Hierarchical Multilayered Boehmite and Alumina Nanosheets for Enhanced Molybdenum Adsorption. *Chemistry - A European Journal*, **2019**, 25, 4843-4855	4.8	12
743	Modulation of Mesenchymal Stem Cells Mechanosensing at Fluid Interfaces by Tailored Self-Assembled Protein Monolayers. *Small*, **2019**, 15, e1804640	11	44
742	BiVO4/RGO hybrid nanostructure for high performance electrochemical supercapacitor. *Journal of Solid State Chemistry*, **2019**, 269, 409-418	3.3	28
741	Vanadium sulfide/reduced graphene oxide composite with enhanced supercapacitance performance. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 92, 72-79	5.3	21
740	Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a RuII(2,2?-bpy)2 Derivative. *European Journal of Inorganic Chemistry*, **2018**, 2018, 2541-2548	2.3	5
739	Structural Modulation of Chromic Response: Effects of Binding-Site Blocking in a Conjugated Calix[4]pyrrole Chromophore. *ChemistryOpen*, **2018**, 7, 323-335	2.3	11
738	Soft 2D nanoarchitectonics. *NPG Asia Materials*, **2018**, 10, 90-106	10.3	105
737	Nano Trek Beyond: Driving Nanocars/Molecular Machines at Interfaces. *Chemistry - an Asian Journal* , **2018**, 13, 1266-1278	4.5	38
736	Room and elevated temperature lithium-ion storage in structurally submicron carbon spheres with mechanistic. *Carbon*, **2018**, 134, 334-344	10.4	6
735	Junction-Controlled Topological Polymerization. *Angewandte Chemie*, **2018**, 130, 5030-5033	3.6	5
734	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
733	Mesoporous fullerene C70 cubes with highly crystalline frameworks and unusually enhanced photoluminescence properties. *Materials Horizons*, **2018**, 5, 285-290	14.4	46
732	Nanoarchitectonics from Molecular Units to Living-Creature-Like Motifs. *Chemical Record*, **2018**, 18, 676-695	6.6	31
731	Nanoarchitectonics Approach for Sensing **2018**, 255-263		1
730	Change Thinking toward Nanoarchitectonics **2018**, 1-6		1
729	Junction-Controlled Topological Polymerization. *Angewandte Chemie - International Edition*, **2018**, 57, 4936-4939	16.4	17
728	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. *Chemical Communications*, **2018**, 54, 1351-1354	5.8	8

727	Enhanced Adsorption Selectivity of Aromatic Vapors in Carbon Capsule Film by Control of Surface Surfactants on Carbon Capsule. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 391-397	5.1	27
726	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
725	Electro-click construction of hybrid nanocapsule films with triggered delivery properties. *Physical Chemistry Chemical Physics*, **2018**, 20, 2761-2770	3.6	4
724	Molecular Imprinting: Materials Nanoarchitectonics with Molecular Information. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 1075-1111	5.1	165
723	NMR Spectroscopic Determination of Enantiomeric Excess Using Small Prochiral Molecules. *Journal of Physical Chemistry B*, **2018**, 122, 5114-5120	3.4	7
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