Lok Kumar Shrestha

List of Publications by Year
in descending order

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520 papers	42,385 citations	1530 106 h-index	3563 181 g-index
534 all docs	534 docs citations	534 times ranked	31775 citing authors

#	Article	IF	Citations
1	Lipid coating technology: A potential solution to address the problem of sticky containers and vanishing drugs. View, 2022, 3, 20200078.	2.7	15
2	Material Evolution with Nanotechnology, Nanoarchitectonics, and Materials Informatics: What will be the Next Paradigm Shift in Nanoporous Materials?. Advanced Materials, 2022, 34, e2107212.	11.1	81
3	Selfâ€Assembled Fullerene Nanostructures: Synthesis and Applications. Advanced Functional Materials, 2022, 32, 2106924.	7.8	61
4	Nanoarchitectonics. Nanostructure Science and Technology, 2022, , 35-44.	0.1	0
5	Self-Assembled Corn-Husk-Shaped Fullerene Crystals as Excellent Acid Vapor Sensors. Chemosensors, 2022, 10, 16.	1.8	9
6	There is still plenty of room for layer-by-layer assembly for constructing nanoarchitectonics-based materials and devices. Physical Chemistry Chemical Physics, 2022, 24, 4097-4115.	1.3	75
7	Fullerphene Nanosheets: A Bottomâ€Up 2D Material for Singleâ€Carbonâ€Atomâ€Level Molecular Discrimination. Advanced Materials Interfaces, 2022, 9, .	1.9	19
8	The Past and the Future of Langmuir and Langmuirâ€“Blodgett Films. Chemical Reviews, 2022, 122, 6459-6513.	23.0	155
9	Recycling Waste Paper for Further Implementation: XRD, FTIR, SEM, and EDS Studies. Journal of Oleo Science, 2022, 71, 619-626.	0.6	7
10	A heterogeneous bifunctional silica-supported Ag₂O/Im⁺Cl^{â^'} catalyst for efficient CO₂ conversion. Catalysis Science and Technology, 2022, 12, 3778-3785.	2.1	5
11	Biomimetic and Biological Nanoarchitectonics. International Journal of Molecular Sciences, 2022, 23, 3577.	1.8	9
12	Mechanoâ€Nanoarchitectonics: Design and Function. Small Methods, 2022, 6, e2101577.	4.6	23
13	Bio-interactive nanoarchitectonics with two-dimensional materials and environments. Science and Technology of Advanced Materials, 2022, 23, 199-224.	2.8	37
14	Materials Nanoarchitectonics from Atom to Living Cell: A Method for Everything. Bulletin of the Chemical Society of Japan, 2022, 95, 774-795.	2.0	65
15	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.	1.4	8
16	Langmuirâ€“Blodgett Nanoarchitectonics, Out of the Box. Accounts of Materials Research, 2022, 3, 404-410.	5.9	14
17	Coordination Amphiphile: Design of Planar-Coordinated Platinum Complexes for Monolayer Formation at an Air-Water Interface Based on Ligand Characteristics and Molecular Topology. Bulletin of the Chemical Society of Japan, 2022, 95, 889-897.	2.0	10
18	Mechanical Tuning of Aggregated States for Conformation Control of Cyclized Binaphthyl at the Airâ€“Water Interface. Langmuir, 2022, 38, 6481-6490.	1.6	2

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19	Fullerene Rosette: Two-Dimensional Interactive Nanoarchitectonics and Selective Vapor Sensing. International Journal of Molecular Sciences, 2022, 23, 5454.	1.8	11
20	Photosensitizer Encryption with Aggregation Enhanced Singlet Oxygen Production. Journal of the American Chemical Society, 2022, 144, 10830-10843.	6.6	19
21	Versatile nanoarchitectonics of Pt with morphology control of oxygen reduction reaction catalysts. Science and Technology of Advanced Materials, 2022, 23, 413-423.	2.8	28
22	Regulation of stem cell fate and function by using bioactive materials with nanoarchitectonics for regenerative medicine. Science and Technology of Advanced Materials, 2022, 23, 393-412.	2.8	30
23	Nanoarchitectonics horizons: materials for life sciences. Nanoscale, 2022, 14, 10630-10647.	2.8	14
24	Materials nanoarchitectonics in a two-dimensional world within a nanoscale distance from the liquid phase. Nanoscale, 2022, 14, 10610-10629.	2.8	27
25	Nanoarchitectonics, Method for Everything in Materials Science. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 3245-3247.	1.9	2
26	Atomic Nanoarchitectonics for Catalysis. Advanced Materials Interfaces, 2021, 8, 2001395.	1.9	15
27	Nanoarchitectonics Revolution and Evolution: From Small Science to Big Technology. Small Science, 2021, 1, 2000032.	5.8	58
28	Sorghum biomass-derived porous carbon electrodes for capacitive deionization and energy storage. Microporous and Mesoporous Materials, 2021, 312, 110757.	2.2	63
29	Nanoarchitectonics for Coordination Asymmetry and Related Chemistry. Bulletin of the Chemical Society of Japan, 2021, 94, 839-859.	2.0	88
30	Zero-to-one (or more) nanoarchitectonics: how to produce functional materials from zero-dimensional single-element unit, fullerene. Materials Advances, 2021, 2, 582-597.	2.6	30
31	Life science nanoarchitectonics at interfaces. Materials Chemistry Frontiers, 2021, 5, 1018-1032.	3.2	11
32	Nanoarchitectonics on living cells. RSC Advances, 2021, 11, 18898-18914.	1.7	22
33	Development of MOF Reinforcement for Structural Stability and Toughness Enhancement of Biodegradable Bioinks. Biomacromolecules, 2021, 22, 1053-1064.	2.6	22
34	Nanoarchitectonics: what's coming next after nanotechnology?. Nanoscale Horizons, 2021, 6, 364-378.	4.1	221
35	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.	2.0	25
36	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.	2.0	24

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37	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.	1.9	4
38	Solvothermally synthesized anatase TiO2 nanoparticles for photoanodes in dye-sensitized solar cells. Science and Technology of Advanced Materials, 2021, 22, 100-112.	2.8	16
39	Progress in Molecular Nanoarchitectonics and Materials Nanoarchitectonics. Molecules, 2021, 26, 1621.	1.7	20
40	Nanoarchitectonics at Interfaces for Regulations of Biorelated Phenomena: Small Structures with Big Effects. Small Structures, 2021, 2, 2100006.	6.9	13
41	Macaroni Fullerene Crystals-Derived Mesoporous Carbon Tubes as a High Rate Performance Supercapacitor Electrode Material. Bulletin of the Chemical Society of Japan, 2021, 94, 1502-1509.	2.0	40
42	Nanoarchitectonics Can Save Our Planet: Nanoarchitectonics for Energy and Environment. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2243-2244.	1.9	4
43	Monitoring the Release of Silver from a Supramolecular Fullerene C60-AgNO3 Nanomaterial. Bulletin of the Chemical Society of Japan, 2021, 94, 1347-1354.	2.0	17
44	Nanoarchitectonics for fullerene biology. Applied Materials Today, 2021, 23, 100989.	2.3	20
45	External Magnetic Field-Enhanced Supercapacitor Performance of Cobalt Oxide/Magnetic Graphene Composites. Bulletin of the Chemical Society of Japan, 2021, 94, 2245-2251.	2.0	3
46	Zero-to-Two Nanoarchitectonics: Fabrication of Two-Dimensional Materials from Zero-Dimensional Fullerene. Molecules, 2021, 26, 4636.	1.7	17
47	Enhancement of singlet oxygen generation based on incorporation of oxoporphyrinogen (OxP) into microporous solids. Materials Today Chemistry, 2021, 21, 100534.	1.7	8
48	Nanoarchitectonics for Hierarchical Fullerene Nanomaterials. Nanomaterials, 2021, 11, 2146.	1.9	21
49	Estimation of Enantiomeric Excess Based on Rapid Hostâ€“Guest Exchange. Chemosensors, 2021, 9, 259.	1.8	3
50	Fullerene Nanoarchitectonics: Rich Possibilities in Organized Structures from Zero-Dimensional Unit. Oleoscience, 2021, 21, 221-225.	0.0	0
51	Nanoarchitectonics for Analytical Science at Interfaces and with Supramolecular Nanostructures. Analytical Sciences, 2021, 37, 1331-1348.	0.8	9
52	Carbon Nanoarchitectonics for Energy and Related Applications. Journal of Carbon Research, 2021, 7, 73.	1.4	10
53	High-Performance Supercapacitor Materials Based on Hierarchically Porous Carbons Derived from Artocarpus heterophyllus Seed. ACS Applied Energy Materials, 2021, 4, 12257-12266.	2.5	21
54	Nelumbo nucifera Seedâ€“Derived Nitrogen-Doped Hierarchically Porous Carbons as Electrode Materials for High-Performance Supercapacitors. Nanomaterials, 2021, 11, 3175.	1.9	7

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55	Nanoarchitectonics for Nanocarbon Assembly and Composite. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 42-55.	1.9	17
56	Emission Control by Molecular Manipulation of Doubleâ€Paddled Binuclear Pt^{II} Complexes at the Airâ€Water Interface. Chemistry - an Asian Journal, 2020, 15, 406-414.	1.7	24
57	Engineered functionalized 2D nanoarchitectures for stimuli-responsive drug delivery. Materials Horizons, 2020, 7, 455-469.	6.4	57
58	Post-assembly dimension-dependent face-selective etching of fullerene crystals. Materials Horizons, 2020, 7, 787-795.	6.4	31
59	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. Advanced Materials, 2020, 32, e1905942.	11.1	80
60	Molecular Engineering of Î²â€Substituted Oxoporphyrinogens for Hydrogenâ€Bond Donor Catalysis. European Journal of Organic Chemistry, 2020, 2020, 82-90.	1.2	12
61	1D materials from ionic self-assembly in mixtures containing chromonic liquid crystal mesogens. Physical Chemistry Chemical Physics, 2020, 22, 23276-23285.	1.3	4
62	The evolution of molecular machines through interfacial nanoarchitectonics: from toys to tools. Chemical Science, 2020, 11, 10594-10604.	3.7	51
63	Jackfruit Seed-Derived Nanoporous Carbons as the Electrode Material for Supercapacitors. Journal of Carbon Research, 2020, 6, 73.	1.4	14
64	Molecular recognition at the airâ€“water interface: nanoarchitectonic design and physicochemical understanding. Physical Chemistry Chemical Physics, 2020, 22, 24856-24869.	1.3	30
65	Atomic and Organic Nanoarchitectonics. Trends in Chemistry, 2020, 2, 779-782.	4.4	18
66	Methods with Nanoarchitectonics for Small Molecules and Nanostructures to Regulate Living Cells. Small Methods, 2020, 4, 2000500.	4.6	23
67	Interfacial nanoarchitectonics for responsive cellular biosystems. Materials Today Bio, 2020, 8, 100075.	2.6	13
68	Nanoarchitectonics of Lotus Seed Derived Nanoporous Carbon Materials for Supercapacitor Applications. Materials, 2020, 13, 5434.	1.3	16
69	Hydrotalcite-Supported Ag/Pd Bimetallic Nanoclusters Catalyzed Oxidation and One-Pot Aldol Reaction in Water. Catalysts, 2020, 10, 1120.	1.6	5
70	Fullerene Nanoarchitectonics with Shape-Shifting. Materials, 2020, 13, 2280.	1.3	22
71	Donâ€™t Forget Langmuirâ€“Blodgett Films 2020: Interfacial Nanoarchitectonics with Molecules, Materials, and Living Objects. Langmuir, 2020, 36, 7158-7180.	1.6	143
72	Electron and energy transfer in a porphyrinâ€“oxoporphyrinogenâ€“fullerene triad, ZnPâ€“OxPâ€“C₆₀. Physical Chemistry Chemical Physics, 2020, 22, 14356-14363.	1.3	4

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73	Supramolecular Chiral Nanoarchitectonics. Advanced Materials, 2020, 32, e1905657.	11.1	150
74	2D Nanoarchitectonics: Soft Interfacial Media as Playgrounds for Microobjects, Molecular Machines, and Living Cells. Chemistry - A European Journal, 2020, 26, 6461-6472.	1.7	24
75	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.	2.4	10
76	Nanoarchitectonics beyond Selfâ€Assembly: Challenges to Create Bioâ€Like Hierarchic Organization. Angewandte Chemie - International Edition, 2020, 59, 15424-15446.	7.2	176
77	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. Chemical Science, 2020, 11, 2614-2620.	3.7	7
78	Nanoarchitektonik als ein Ansatz zur Erzeugung bioÃhnlicher hierarchischer Organisate. Angewandte Chemie, 2020, 132, 15550-15574.	1.6	16
79	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.	2.4	41
80	Dynamism of Supramolecular DNA/RNA Nanoarchitectonics: From Interlocked Structures to Molecular Machines. Bulletin of the Chemical Society of Japan, 2020, 93, 581-603.	2.0	75
81	Soft Nanoarchitectonics for Enantioselective Biosensing. Accounts of Chemical Research, 2020, 53, 644-653.	7.6	65
82	Vortex-Aligned Ordered Film of Crystalline Fullerene C₇₀ Microtubes with Enhanced Photoluminescence and Photovoltaics Properties. Journal of Nanoscience and Nanotechnology, 2020, 20, 2971-2978.	0.9	8
83	Intelligent Nanoarchitectonics for Selfâ€Assembling Systems. Advanced Intelligent Systems, 2020, 2, 1900157.	3.3	14
84	Nanoarchitectonics from Atom to Life. Chemistry - an Asian Journal, 2020, 15, 718-728.	1.7	66
85	Nanoarchitectonics of Nanoporous Carbon Materials in Supercapacitors Applications. Nanomaterials, 2020, 10, 639.	1.9	51
86	Molecular Tuning Nanoarchitectonics for Molecular Recognition and Molecular Manipulation. ChemNanoMat, 2020, 6, 870-880.	1.5	25
87	High Surface Area Nanoporous Graphitic Carbon Materials Derived from Lapsi Seed with Enhanced Supercapacitance. Nanomaterials, 2020, 10, 728.	1.9	35
88	Nanoarchitectonics: bottom-up creation of functional materials and systems. Beilstein Journal of Nanotechnology, 2020, 11, 450-452.	1.5	14
89	Nano-architectonics for coordination assemblies at interfacial media. Advances in Inorganic Chemistry, 2020, 76, 199-228.	0.4	4
90	100 Â°C-Langmuirâ€“Blodgett Method for Fabricating Highly Oriented, Ultrathin Films of Polymeric Semiconductors. ACS Applied Materials & Interfaces, 2020, 12, 56522-56529.	4.0	37

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91	Nanoporous Carbon Materials Derived from Washnut Seed with Enhanced Supercapacitance. Materials, 2020, 13, 2371.	1.3	18
92	Jute-derived microporous/mesoporous carbon with ultra-high surface area using a chemical activation process. Microporous and Mesoporous Materials, 2019, 274, 251-256.	2.2	47
93	Langmuir Nanoarchitectonics from Basic to Frontier. Langmuir, 2019, 35, 3585-3599.	1.6	111
94	Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. ChemElectroChem, 2019, 6, 5802-5809.	1.7	7
95	Materials nanoarchitectonics at two-dimensional liquid interfaces. Beilstein Journal of Nanotechnology, 2019, 10, 1559-1587.	1.5	31
96	Atom/molecular nanoarchitectonics for devices and related applications. Nano Today, 2019, 28, 100762.	6.2	77
97	Nanoarchitectonics to prepare practically useful artificial enzymes. Molecular Catalysis, 2019, 475, 110492.	1.0	41
98	Monitoring Fluorescence Response of Amphiphilic Flapping Molecules in Compressed Monolayers at the Airâ€“Water Interface. Chemistry - an Asian Journal, 2019, 14, 2869-2876.	1.7	35
99	Structural-Size Control of Domain from Nano to Micro: Logical Balancing between Attractive and Repulsive Interactions in Two Dimensions. Langmuir, 2019, 35, 10383-10389.	1.6	12
100	Review of advanced sensor devices employing nanoarchitectonics concepts. Beilstein Journal of Nanotechnology, 2019, 10, 2014-2030.	1.5	37
101	Ratiometric immunoassays built from synergistic photonic absorption of size-diverse semiconducting MoS2 nanostructures. Materials Horizons, 2019, 6, 563-570.	6.4	38
102	Interfacial nanoarchitectonics for molecular manipulation and molecular machine operation. Current Opinion in Colloid and Interface Science, 2019, 44, 1-13.	3.4	15
103	Soft material nanoarchitectonics at interfaces: molecular assembly, nanomaterial synthesis, and life control. Molecular Systems Design and Engineering, 2019, 4, 49-64.	1.7	30
104	Dynamic Control of Intramolecular Rotation by Tuning the Surrounding Two-Dimensional Matrix Field. ACS Nano, 2019, 13, 2410-2419.	7.3	34
105	Layerâ€byâ€Layer Assembly: Recent Progress from Layered Assemblies to Layered Nanoarchitectonics. Chemistry - an Asian Journal, 2019, 14, 2553-2566.	1.7	113
106	Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. Applied Surface Science, 2019, 487, 211-217.	3.1	35
107	Materials Nanoarchitectonics as Cell Regulators. ChemNanoMat, 2019, 5, 692-702.	1.5	49
108	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.	5.2	86

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109	Microwires of Auâ€“Ag Nanocages Patterned via Magnetic Nanoadhesives for Investigating Proteins using Surface Enhanced Infrared Absorption Spectroscopy. ACS Applied Materials & Interfaces, 2019, 11, 18053-18061.	4.0	15
110	Self-assembly as a key player for materials nanoarchitectonics. Science and Technology of Advanced Materials, 2019, 20, 51-95.	2.8	322
111	Rice Husk-Derived High Surface Area Nanoporous Carbon Materials with Excellent Iodine and Methylene Blue Adsorption Properties. Journal of Carbon Research, 2019, 5, 10.	1.4	51
112	Multimodal switching of a redox-active macrocycle. Nature Communications, 2019, 10, 1007.	5.8	20
113	Supramolecular nanoarchitectonics for functional materials. APL Materials, 2019, 7, .	2.2	18
114	Manipulating the Structural Transformation of Fullerene Microtubes to Fullerene Microhorns Having Microscopic Recognition Properties. ACS Nano, 2019, 13, 14005-14012.	7.3	47
115	Nanoarchitectonicâ€Based Material Platforms for Environmental and Bioprocessing Applications. Chemical Record, 2019, 19, 1891-1912.	2.9	17
116	Indium Oxide/Carbon Nanotube/Reduced Graphene Oxide Ternary Nanocomposite with Enhanced Electrochemical Supercapacitance. Bulletin of the Chemical Society of Japan, 2019, 92, 521-528.	2.0	88
117	Unidirectional Branching Growth of Dipeptide Single Crystals for Remote Light Multiplication and Collection. ACS Applied Materials & Interfaces, 2019, 11, 31-36.	4.0	18
118	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.	2.0	14
119	Optogenetic Modulation and Reprogramming of Bacteriorhodopsinâ€Transfected Human Fibroblasts on Selfâ€Assembled Fullerene C60 Nanosheets. Advanced Biology, 2019, 3, e1800254.	3.0	16
120	Self-Assembled Fullerene Crystals as Excellent Aromatic Vapor Sensors. Sensors, 2019, 19, 267.	2.1	37
121	Modulation of Mesenchymal Stem Cells Mechanosensing at Fluid Interfaces by Tailored Selfâ€Assembled Protein Monolayers. Small, 2019, 15, e1804640.	5.2	58
122	BiVO4/RGO hybrid nanostructure for high performance electrochemical supercapacitor. Journal of Solid State Chemistry, 2019, 269, 409-418.	1.4	45
123	Vanadium sulfide/reduced graphene oxide composite with enhanced supercapacitance performance. Journal of the Taiwan Institute of Chemical Engineers, 2018, 92, 72-79.	2.7	33
124	Soft 2D nanoarchitectonics. NPG Asia Materials, 2018, 10, 90-106.	3.8	121
125	Nano Trek Beyond: Driving Nanocars/Molecular Machines at Interfaces. Chemistry - an Asian Journal, 2018, 13, 1266-1278.	1.7	42
126	Room and elevated temperature lithium-ion storage in structurally submicron carbon spheres with mechanistic. Carbon, 2018, 134, 334-344.	5.4	7

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127	Junctionâ€Controlled Topological Polymerization. Angewandte Chemie, 2018, 130, 5030-5033.	1.6	5
128	Dynamic nanoarchitectonics: Supramolecular polymorphism and differentiation, shape-shifter and hand-operating nanotechnology. Current Opinion in Colloid and Interface Science, 2018, 35, 68-80.	3.4	25
129	Mesoporous fullerene C₇₀ cubes with highly crystalline frameworks and unusually enhanced photoluminescence properties. Materials Horizons, 2018, 5, 285-290.	6.4	59
130	Nanoarchitectonics from Molecular Units to Livingâ€Creatureâ€Like Motifs. Chemical Record, 2018, 18, 676-695.	2.9	32
131	Junctionâ€Controlled Topological Polymerization. Angewandte Chemie - International Edition, 2018, 57, 4936-4939.	7.2	22
132	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C₆₀ alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. Chemical Communications, 2018, 54, 1351-1354.	2.2	9
133	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.	2.0	27
134	Highly active and reusable hydrotalcite-supported Pd(0) catalyst for Suzuki coupling reactions of aryl bromides and chlorides. Tetrahedron, 2018, 74, 948-954.	1.0	21
135	Molecular Imprinting: Materials Nanoarchitectonics with Molecular Information. Bulletin of the Chemical Society of Japan, 2018, 91, 1075-1111.	2.0	215
136	Molecular rotors confined at an ordered 2D interface. Physical Chemistry Chemical Physics, 2018, 20, 3073-3078.	1.3	38
137	Molybdenum Adsorption Properties of Alumina-Embedded Mesoporous Silica for Medical Radioisotope Production. Bulletin of the Chemical Society of Japan, 2018, 91, 195-200.	2.0	42
138	Defect-free exfoliation of graphene at ultra-high temperature. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 127-132.	2.3	32
139	High surface area nanoporous carbon derived from high quality jute from Bangladesh. Materials Chemistry and Physics, 2018, 216, 491-495.	2.0	24
140	Carbon Nanosheets by Morphologyâ€Retained Carbonization of Twoâ€Dimensional Assembled Anisotropic Carbon Nanorings. Angewandte Chemie, 2018, 130, 9827-9831.	1.6	17
141	Materials Nanoarchitectonics for Mechanical Tools in Chemical and Biological Sensing. Chemistry - an Asian Journal, 2018, 13, 3366-3377.	1.7	40
142	Demonstration of a Novel Charge-Free Reverse Wormlike Micelle System. Langmuir, 2018, 34, 8670-8677.	1.6	3
143	Hierarchical heterostructure of Ag-nanoparticle decorated fullerene nanorods (Agâ€“FNRs) as an effective single particle freestanding SERS substrate. Physical Chemistry Chemical Physics, 2018, 20, 18873-18878.	1.3	27
144	Templateâ€Free Fabrication of Mesoporous Alumina Nanospheres Using Postâ€Synthesis Waterâ€Ethanol Treatment of Monodispersed Aluminium Glycerate Nanospheres for Molybdenum Adsorption. Small, 2018, 14, e1800474.	5.2	50

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145	Mechanical Tuning of Throughâ€Molecule Conductance in a Conjugated Calix[4]pyrrole. ChemistrySelect, 2018, 3, 6473-6478.	0.7	18
146	Graphene composites with dental and biomedical applicability. Beilstein Journal of Nanotechnology, 2018, 9, 801-808.	1.5	31
147	Demonstration of Reentrant Relaxor Ferroelectric Phase Transitions in Antiferroelectric-Based (Pb0.50Ba0.50)ZrO3 Ceramics. Energies, 2018, 11, 850.	1.6	1
148	Carbon Nanosheets by Morphologyâ€Retained Carbonization of Twoâ€Dimensional Assembled Anisotropic Carbon Nanorings. Angewandte Chemie - International Edition, 2018, 57, 9679-9683.	7.2	80
149	Nanoarchitectonics for Hybrid and Related Materials for Bioâ€Oriented Applications. Advanced Functional Materials, 2018, 28, 1702905.	7.8	149
150	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.	0.0	0
151	Percolation Behavior of Nonionic Reverse Micellar Solution. Chemistry Letters, 2017, 46, 408-410.	0.7	2
152	Electrochemical Supercapacitance Properties of Reduced Graphene Oxide/Mn2O3:Co3O4 Nanocomposite. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 576-585.	1.9	25
153	Formation of metal clusters in halloysite clay nanotubes. Science and Technology of Advanced Materials, 2017, 18, 147-151.	2.8	102
154	Spongelike Porous Silica Nanosheets: From â€œSoftâ€•Molecular Trapping to DNA Delivery. ACS Applied Materials & Interfaces, 2017, 9, 4509-4518.	4.0	27
155	Sintering-Resistant Nanoparticles in Wide-Mouthed Compartments for Sustained Catalytic Performance. Scientific Reports, 2017, 7, 41773.	1.6	44
156	Highly Networked Capsular Silicaâ€“Porphyrin Hybrid Nanostructures as Efficient Materials for Acetone Vapor Sensing. ACS Applied Materials & Interfaces, 2017, 9, 9945-9954.	4.0	58
157	Two-Dimensional (2D) Nanomaterials towards Electrochemical Nanoarchitectonics in Energy-Related Applications. Bulletin of the Chemical Society of Japan, 2017, 90, 627-648.	2.0	369
158	Visual Detection of Cesium Ions in Domestic Water Supply or Seawater using a Nano-optode. Bulletin of the Chemical Society of Japan, 2017, 90, 678-683.	2.0	57
159	Activated Porous Carbon Spheres with Customized Mesopores through Assembly of Diblock Copolymers for Electrochemical Capacitor. ACS Applied Materials & Interfaces, 2017, 9, 18986-18993.	4.0	69
160	Simple Fabrication of Titanium Dioxide/N-Doped Carbon Hybrid Material as Non-Precious Metal Electrocatalyst for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2017, 9, 18782-18789.	4.0	24
161	Nanoarchitectonics of Nanoporous Carbon Materials from Natural Resource for Supercapacitor Application. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 48-56.	1.9	26
162	Directing Assembly and Disassembly of 2D MoS₂ Nanosheets with DNA for Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 15286-15296.	4.0	232

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163	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.	1.5	16
164	Solid surface vs. liquid surface: nanoarchitectonics, molecular machines, and DNA origami. Physical Chemistry Chemical Physics, 2017, 19, 23658-23676.	1.3	56
165	Cobalt Oxide/Reduced Graphene Oxide Composite with Enhanced Electrochemical Supercapacitance Performance. Bulletin of the Chemical Society of Japan, 2017, 90, 955-962.	2.0	72
166	Chemistry Can Make Strict and Fuzzy Controls for Bio-Systems: DNA Nanoarchitectonics and Cell-Macromolecular Nanoarchitectonics. Bulletin of the Chemical Society of Japan, 2017, 90, 967-1004.	2.0	257
167	pH-Responsive Cotton Effects in the dâ€“d Transition Band of Self-Assembling Copper(II) Complexes with a Cholesteryl-Armed Ligand. Bulletin of the Chemical Society of Japan, 2017, 90, 739-745.	2.0	10
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