

# Lok Kumar Shrestha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

515  
papers

36,144  
citations

99  
h-index

169  
g-index

534  
ext. papers

39,351  
ext. citations

7.6  
avg, IF

7.96  
L-index

#	Paper	IF	Citations
515	Self-assembly Enabling Materials Nanoarchitectonics <b>2022</b> , 87-107		1
514	The Past and the Future of Langmuir and Langmuir-Blodgett Films.. <i>Chemical Reviews</i> , <b>2022</b> ,	68.1	19
513	Self-Assembled Corn-Husk-Shaped Fullerene Crystals as Excellent Acid Vapor Sensors. <i>Chemosensors</i> , <b>2022</b> , 10, 16	4	3
512	Nanoarchitectonics. <i>Nanostructure Science and Technology</i> , <b>2022</b> , 35-44	0.9	
511	Mechano-Nanoarchitectonics: Design and Function.. <i>Small Methods</i> , <b>2022</b> , e2101577	12.8	2
510	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
509	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
508	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
507	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
506	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
505	Carbon Nanoarchitectonics for Energy and Related Applications. <i>Journal of Carbon Research</i> , <b>2021</b> , 7, 73	3.3	2
504	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
503	Progress in Molecular Nanoarchitectonics and Materials Nanoarchitectonics. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
502	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
501	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
500	Monitoring the Release of Silver from a Supramolecular Fullerene C <sub>60</sub> -AgNO <sub>3</sub> Nanomaterial. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 1347-1354	5.1	4
499	Nanoarchitectonics for fullerene biology. <i>Applied Materials Today</i> , <b>2021</b> , 23, 100989	6.6	12

498	Zero-to-Two Nanoarchitectonics: Fabrication of Two-Dimensional Materials from Zero-Dimensional Fullerene. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
497	Atomic Nanoarchitectonics for Catalysis. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001395	4.6	8
496	Nanoarchitectonics Revolution and Evolution: From Small Science to Big Technology. <i>Small Science</i> , <b>2021</b> , 1, 2000032		31
495	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
494	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
493	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
492	Life science nanoarchitectonics at interfaces. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1018-1032	7.8	9
491	Nanoarchitectonics on living cells.. <i>RSC Advances</i> , <b>2021</b> , 11, 18898-18914	3.7	12
490	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
489	Nanoarchitectonics: what's coming next after nanotechnology?. <i>Nanoscale Horizons</i> , <b>2021</b> , 6, 364-378	10.8	73
488	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
487	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
486	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
485	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
484	Nanoarchitectonics for Hierarchical Fullerene Nanomaterials. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	9
483	Estimation of Enantiomeric Excess Based on Rapid Host-Guest Exchange. <i>Chemosensors</i> , <b>2021</b> , 9, 259	4	2
482	Fullerene Nanoarchitectonics: Rich Possibilities in Organized Structures from Zero-Dimensional Unit. <i>Oleoscience</i> , <b>2021</b> , 21, 221-225	0.1	
481	Nanoarchitectonics for Analytical Science at Interfaces and with Supramolecular Nanostructures. <i>Analytical Sciences</i> , <b>2021</b> , 37, 1331-1348	1.7	3

480	Interfacial nanoarchitectonics for responsive cellular biosystems. <i>Materials Today Bio</i> , <b>2020</b> , 8, 100075	9.9	10
479	Nanoarchitectonics of Lotus Seed Derived Nanoporous Carbon Materials for Supercapacitor Applications. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
478	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
477	Fullerene Nanoarchitectonics with Shape-Shifting. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
476	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
475	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
474	Supramolecular Chiral Nanoarchitectonics. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905657	24	76
473	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
472	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
471	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
470	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. <i>Chemical Science</i> , <b>2020</b> , 11, 2614-2620	9.4	3
469	Nanoarchitektonik als ein Ansatz zur Erzeugung bioähnlicher hierarchischer Organismen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15550-15574	3.6	7
468	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
467	Dynamism of Supramolecular DNA/RNA Nanoarchitectonics: From Interlocked Structures to Molecular Machines. <i>Bulletin of the Chemical Society of Japan</i> , <b>2020</b> , 93, 581-603	5.1	54
466	Soft Nanoarchitectonics for Enantioselective Biosensing. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 644-652	12.3	37
465	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
464	Intelligent Nanoarchitectonics for Self-Assembling Systems. <i>Advanced Intelligent Systems</i> , <b>2020</b> , 2, 1900167	15.7	8
463	Nanoarchitectonics from Atom to Life. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 718	4.5	40

462	Nanoarchitectonics of Nanoporous Carbon Materials in Supercapacitors Applications. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	26
461	Molecular Tuning Nanoarchitectonics for Molecular Recognition and Molecular Manipulation. <i>ChemNanoMat</i> , <b>2020</b> , 6, 870-880	3.5	19
460	Nanoporous Carbon Materials Derived from Washnut Seed with Enhanced Supercapacitance. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
459	Nano-architectonics for coordination assemblies at interfacial media. <i>Advances in Inorganic Chemistry</i> , <b>2020</b> , 76, 239-268	2.1	1
458	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
457	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
456	Engineered functionalized 2D nanoarchitectures for stimuli-responsive drug delivery. <i>Materials Horizons</i> , <b>2020</b> , 7, 455-469	14.4	43
455	Post-assembly dimension-dependent face-selective etching of fullerene crystals. <i>Materials Horizons</i> , <b>2020</b> , 7, 787-795	14.4	21
454	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905942	24	48
453	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
452	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
451	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
450	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
449	Molecular recognition at the air-water interface: nanoarchitectonic design and physicochemical understanding. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 24856-24869	3.6	17
448	Atomic and Organic Nanoarchitectonics. <i>Trends in Chemistry</i> , <b>2020</b> , 2, 779-782	14.8	9
447	Methods with Nanoarchitectonics for Small Molecules and Nanostructures to Regulate Living Cells. <i>Small Methods</i> , <b>2020</b> , 4, 2000500	12.8	17
446	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
445	High Surface Area Nanoporous Graphitic Carbon Materials Derived from Lapsi Seed with Enhanced Supercapacitance. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	17

444	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
443	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
442	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
441	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
440	Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. <i>Applied Surface Science</i> , <b>2019</b> , 487, 211-217	6.7	22
439	Materials Nanoarchitectonics as Cell Regulators. <i>ChemNanoMat</i> , <b>2019</b> , 5, 692-702	3.5	44
438	Mesoporous carbon cubes derived from fullerene crystals as a high rate performance electrode material for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 12654-12660	13	54
437	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
436	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
435	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
434	Langmuir Nanoarchitectonics from Basic to Frontier. <i>Langmuir</i> , <b>2019</b> , 35, 3585-3599	4	90
433	Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5802-5809	4.3	4
432	Materials nanoarchitectonics at two-dimensional liquid interfaces. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 1559-1587	3	25
431	Atom/molecular nanoarchitectonics for devices and related applications. <i>Nano Today</i> , <b>2019</b> , 28, 100762	17.9	55
430	Nanoarchitectonics to prepare practically useful artificial enzymes. <i>Molecular Catalysis</i> , <b>2019</b> , 475, 110492	3.3	29
429	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
428	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
427	Review of advanced sensor devices employing nanoarchitectonics concepts. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 2014-2030	3	31

426	Ratiometric immunoassays built from synergistic photonic absorption of size-diverse semiconducting MoS2 nanostructures. <i>Materials Horizons</i> , <b>2019</b> , 6, 563-570	14.4	34
425	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
424	Multimodal switching of a redox-active macrocycle. <i>Nature Communications</i> , <b>2019</b> , 10, 1007	17.4	13
423	Supramolecular nanoarchitectonics for functional materials. <i>APL Materials</i> , <b>2019</b> , 7, 120903	5.7	12
422	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
421	Nanoarchitectonic-Based Material Platforms for Environmental and Bioprocessing Applications. <i>Chemical Record</i> , <b>2019</b> , 19, 1891-1912	6.6	14
420	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
419	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
418	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
417	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
416	Self-Assembled Fullerene Crystals as Excellent Aromatic Vapor Sensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	31
415	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
414	BiVO4/RGO hybrid nanostructure for high performance electrochemical supercapacitor. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 409-418	3.3	28
413	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
412	Soft 2D nanoarchitectonics. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 90-106	10.3	105
411	Nano Trek Beyond: Driving Nanocars/Molecular Machines at Interfaces. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1266-1278	4.5	38
410	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
409	Junction-Controlled Topological Polymerization. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5030-5033	3.6	5

408	Dynamic nanoarchitectonics: Supramolecular polymorphism and differentiation, shape-shifter and hand-operating nanotechnology. <i>Current Opinion in Colloid and Interface Science</i> , <b>2018</b> , 35, 68-80	7.6	22
407	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
406	Nanoarchitectonics from Molecular Units to Living-Creature-Like Motifs. <i>Chemical Record</i> , <b>2018</b> , 18, 676-695	3.5	31
405	Nanoarchitectonics Approach for Sensing <b>2018</b> , 255-263		1
404	Change Thinking toward Nanoarchitectonics <b>2018</b> , 1-6		1
403	Junction-Controlled Topological Polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4936-4939	16.4	17
402	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
401	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
400	Highly active and reusable hydrotalcite-supported Pd(0) catalyst for Suzuki coupling reactions of aryl bromides and chlorides. <i>Tetrahedron</i> , <b>2018</b> , 74, 948-954	2.4	15
399	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
398	Molecular rotors confined at an ordered 2D interface. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 3073-3078	3.5	35
397	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
396	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
395	Mechanical Tuning of Through-Molecule Conductance in a Conjugated Calix[4]pyrrole. <i>ChemistrySelect</i> , <b>2018</b> , 3, 6473-6478	1.8	15
394	Graphene composites with dental and biomedical applicability. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 801-808	3	18
393	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	
392	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
391	Hierarchically Structured Functional Materials: Mesoporous Materials, Layer-by-Layer Films, and Self-Assembled Structures. <i>Journal of the Japan Society of Colour Material</i> , <b>2018</b> , 91, 310-315	0	



390	High surface area nanoporous carbon derived from high quality jute from Bangladesh. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 216, 491-495	4.4	18
389	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
388	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
387	Demonstration of a Novel Charge-Free Reverse Wormlike Micelle System. <i>Langmuir</i> , <b>2018</b> , 34, 8670-8674	4	3
386	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	18
385	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
384	Nanoarchitectonics for Hybrid and Related Materials for Bio-Oriented Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702905	15.6	130
383	Percolation Behavior of Nonionic Reverse Micellar Solution. <i>Chemistry Letters</i> , <b>2017</b> , 46, 408-410	1.7	2
382	Electrochemical Supercapacitance Properties of Reduced Graphene Oxide/Mn <sub>2</sub> O <sub>3</sub> :Co <sub>3</sub> O <sub>4</sub> Nanocomposite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2017</b> , 27, 576-585	3.2	21
381	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
380	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
379	Sintering-Resistant Nanoparticles in Wide-Mouthed Compartments for Sustained Catalytic Performance. <i>Scientific Reports</i> , <b>2017</b> , 7, 41773	4.9	37
378	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
377	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
376	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
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