Jonathan Hill

List of Publications by Year in Descending Order

364 papers	20,224 citations	68 h-index	131 g-index
419 ext. papers	21,925 ext. citations	7.6 avg, IF	7 L-index

#	Paper	IF	Citations
364	Pyrazinacene luminescence enhancement by heat-activated surface adsorption and de-aggregation in a saponite colloidal system. *Applied Clay Science*, **2022**, 218, 106413	5.2	1
363	Oxoporphyrinogens: Novel Dyes Based on the Fusion of Calix[4]pyrrole, Quinonoids and Porphyrins. *NIMS Monographs*, **2022**, 127-147	0.3	
362	Phase Separation and pH-Dependent Behavior of Four-Arm Star-Shaped Porphyrin-PNIPAM4 Conjugates. *Macromolecules*, **2022**, 55, 2109-2122	5.5	0
361	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
360	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	
359	Two-Dimensional MXene-Polymer Heterostructure with Ordered In-Plane Mesochannels for High-Performance Capacitive Deionization. *Angewandte Chemie - International Edition*, **2021**, 60, 26528-26534	16.1	30
358	Two-Dimensional MXene-Polymer Heterostructure with Ordered In-Plane Mesochannels for High-Performance Capacitive Deionization. *Angewandte Chemie*, **2021**, 133, 26732	3.6	7
357	Phenyl-Modified Carbon Nitride Quantum Nanoflakes for Ultra-Highly Selective Sensing of Formic Acid: A Combined Experimental by QCM and Density Functional Theory Study. *ACS Applied Materials & Interfaces*, **2021**, 13, 48595-48610	9.5	2
356	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. *Communications Chemistry*, **2021**, 4,	6.3	5
355	Disposable Nitric Oxide Generator Based on a Structurally Deformed Nitrite-Type Layered Double Hydroxide. *Inorganic Chemistry*, **2021**, 60, 16008-16015	5.1	0
354	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
353	The Pyrazinacenes. *Accounts of Chemical Research*, **2021**, 54, 3228-3240	24.3	4
352	Graphene-carbon 2D heterostructures with hierarchically-porous P,N-doped layered architecture for capacitive deionization. *Chemical Science*, **2021**, 12, 10334-10340	9.4	45
351	Anion-enhanced excited state charge separation in a spiro-locked N-heterocycle-fused push-pull zinc porphyrin. *Chemical Science*, **2021**, 12, 4925-4930	9.4	3
350	Enhancement of singlet oxygen generation based on incorporation of oxoporphyrinogen (OxP) into microporous solids. *Materials Today Chemistry*, **2021**, 21, 100534	6.2	1
349	Nanoarchitecturing Carbon Nanodot Arrays on Zeolitic Imidazolate FrameworkDerived CobaltNitrogenDoped Carbon Nanoflakes toward Oxygen Reduction Electrocatalysts. *ACS Nano*, **2021**,	16.7	8
348	Estimation of Enantiomeric Excess Based on Rapid Host□Guest Exchange. *Chemosensors*, **2021**, 9, 259	4	2

347	Ultra-durable, multi-template molecularly imprinted polymers for ultrasensitive monitoring and multicomponent quantification of trace sulfa antibiotics. *Journal of Materials Chemistry B*, **2021**, 9, 3192-3199	7.3	2
346	The Battery of Analytical Techniques Necessary for the Effective Characterization of Solutions of Temperature-Sensitive Polymers. *Reviews and Advances in Chemistry*, **2021**, 11, 100-111	0	
345	Nanoarchitectonics of Lotus Seed Derived Nanoporous Carbon Materials for Supercapacitor Applications. *Materials*, **2020**, 13,	3.5	5
344	Rotaxanation as a sequestering template to preclude incidental metal insertion in complex oligochromophores. *Chemical Communications*, **2020**, 56, 7447-7450	5.8	1
343	Electron and energy transfer in a porphyrin-oxoporphyrinogen-fullerene triad, ZnP-OxP-C. *Physical Chemistry Chemical Physics*, **2020**, 22, 14356-14363	3.6	2
342	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. *Angewandte Chemie - International Edition*, **2020**, 59, 15424-15446	16.4	78
341	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. *Chemical Science*, **2020**, 11, 2614-2620	9.4	3
340	Nanoarchitektonik als ein Ansatz zur Erzeugung bio□nlicher hierarchischer Organisate. *Angewandte Chemie*, **2020**, 132, 15550-15574	3.6	7
339	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
338	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
337	Diporphyrin tweezer for multichannel spectroscopic analysis of enantiomeric excess. *Frontiers of Chemical Science and Engineering*, **2020**, 14, 28-40	4.5	4
336	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
335	Post-assembly dimension-dependent face-selective etching of fullerene crystals. *Materials Horizons* , **2020**, 7, 787-795	14.4	21
334	meso-Tetraphenylporphine as a prochiral solvating agent (pro-CSA): A physicochemical study. *Journal of Porphyrins and Phthalocyanines*, **2020**, 24, 320-329	1.8	3
333	Adaptive Liquid Interfacially Assembled Protein Nanosheets for Guiding Mesenchymal Stem Cell Fate. *Advanced Materials*, **2020**, 32, e1905942	24	48
332	Molecular Engineering of □Substituted Oxoporphyrinogens for Hydrogen-Bond Donor Catalysis. *European Journal of Organic Chemistry*, **2020**, 2020, 82-90	3.2	8
331	Porous framework materials for singlet oxygen generation. *Coordination Chemistry Reviews*, **2020**, 425, 213541	23.2	18
330	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

329	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
328	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
327	High Surface Area Nanoporous Graphitic Carbon Materials Derived from Lapsi Seed with Enhanced Supercapacitance. *Nanomaterials*, **2020**, 10,	5.4	17
326	Dynamic Control of Intramolecular Rotation by Tuning the Surrounding Two-Dimensional Matrix Field. *ACS Nano*, **2019**, 13, 2410-2419	16.7	29
325	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
324	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
323	Self-assembly as a key player for materials nanoarchitectonics. *Science and Technology of Advanced Materials*, **2019**, 20, 51-95	7.1	204
322	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. *Dalton Transactions*, **2019**, 48, 15583-15596	4.3	10
321	Structural Design for Molecular Catalysts **2019**, 11-92		
320	Supermolecular Catalysts **2019**, 93-172		
319	Multimodal switching of a redox-active macrocycle. *Nature Communications*, **2019**, 10, 1007	17.4	13
318	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
317	Increasing the complexity of oxoporphyrinogen colorimetric sensing chromophores: N-alkylation and substitution. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1184-1194	1.8	3
316	Manipulating the Structural Transformation of Fullerene Microtubes to Fullerene Microhorns Having Microscopic Recognition Properties. *ACS Nano*, **2019**, 13, 14005-14012	16.7	26
315	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
314	Modulation of Mesenchymal Stem Cells Mechanosensing at Fluid Interfaces by Tailored Self-Assembled Protein Monolayers. *Small*, **2019**, 15, e1804640	11	44
313	BiVO4/RGO hybrid nanostructure for high performance electrochemical supercapacitor. *Journal of Solid State Chemistry*, **2019**, 269, 409-418	3.3	28
312	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

311	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
310	Mesoporous fullerene C70 cubes with highly crystalline frameworks and unusually enhanced photoluminescence properties. *Materials Horizons*, **2018**, 5, 285-290	14.4	46
309	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
308	Electro-click construction of hybrid nanocapsule films with triggered delivery properties. *Physical Chemistry Chemical Physics*, **2018**, 20, 2761-2770	3.6	4
307	NMR Spectroscopic Determination of Enantiomeric Excess Using Small Prochiral Molecules. *Journal of Physical Chemistry B*, **2018**, 122, 5114-5120	3.4	7
306	Molecular rotors confined at an ordered 2D interface. *Physical Chemistry Chemical Physics*, **2018**, 20, 3073-3078	3.6	35
305	Defect-free exfoliation of graphene at ultra-high temperature. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 538, 127-132	5.1	24
304	Mechanical Tuning of Through-Molecule Conductance in a Conjugated Calix[4]pyrrole. *ChemistrySelect*, **2018**, 3, 6473-6478	1.8	15
303	Graphene composites with dental and biomedical applicability. *Beilstein Journal of Nanotechnology*, **2018**, 9, 801-808	3	18
302	Improving the Colloidal Stability of Temperature-Sensitive Poly(-isopropylacrylamide) Solutions Using Low Molecular Weight Hydrophobic Additives. *ACS Omega*, **2018**, 3, 11865-11873	3.9	6
301	Hierarchical heterostructure of Ag-nanoparticle decorated fullerene nanorods (Ag-FNRs) as an effective single particle freestanding SERS substrate. *Physical Chemistry Chemical Physics*, **2018**, 20, 18873-18878	3.6	19
300	Electrochemical Supercapacitance Properties of Reduced Graphene Oxide/Mn2O3:Co3O4 Nanocomposite. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 576-585	3.2	21
299	Spongelike Porous Silica Nanosheets: From "Soft" Molecular Trapping to DNA Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 4509-4518	9.5	21
298	Highly Networked Capsular Silica-Porphyrin Hybrid Nanostructures as Efficient Materials for Acetone Vapor Sensing. *ACS Applied Materials & Interfaces*, **2017**, 9, 9945-9954	9.5	48
297	Substrate-Mediated C-C and C-H Coupling after Dehalogenation. *Journal of the American Chemical Society*, **2017**, 139, 3669-3675	16.4	29
296	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	5.1	49
295	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	9.5	18
294	Solid surface vs. liquid surface: nanoarchitectonics, molecular machines, and DNA origami. *Physical Chemistry Chemical Physics*, **2017**, 19, 23658-23676	3.6	55

293	Absorption and Fluorescence Features of an Amphiphilic meso-Pyrimidinylcorrole: Experimental Study and Quantum Chemical Calculations. *Journal of Physical Chemistry A*, **2017**, 121, 8614-8624	2.8	11
292	Selective CO Capture and High Proton Conductivity of a Functional Star-of-David Catenane Metal-Organic Framework. *Advanced Materials*, **2017**, 29, 1703301	24	34
291	Suppression of Myogenic Differentiation of Mammalian Cells Caused by Fluidity of a Liquid-Liquid Interface. *ACS Applied Materials & Interfaces*, **2017**, 9, 30553-30560	9.5	42
290	Morphology Adjustable Silica Nanosheets for Immobilization of Gold Nanoparticles. *ChemistrySelect*, **2017**, 2, 5793-5799	1.8	8
289	Intentional Closing/Opening of "Hole-in-Cube" Fullerene Crystals with Microscopic Recognition Properties. *ACS Nano*, **2017**, 11, 7790-7796	16.7	57
288	Porphyrinoid rotaxanes: building a mechanical picket fence. *Chemical Science*, **2017**, 8, 6679-6685	9.4	21
287	Novel solid-state luminous composites from a layered inorganic–organic monolith containing neutral porphyrins. *Journal of Materials Science*, **2017**, 52, 12156-12169	4.3	3
286	Fabrication of Silica-Protein Hierarchical Nanoarchitecture with Gas-Phase Sensing Activity. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 5908-5917	1.3	11
285	Mechanically Induced Opening-Closing Action of Binaphthyl Molecular Pliers: Digital Phase Transition versus Continuous Conformational Change. *ChemPhysChem*, **2017**, 18, 1470-1474	3.2	39
284	Quasi 2D Mesoporous Carbon Microbelts Derived from Fullerene Crystals as an Electrode Material for Electrochemical Supercapacitors. *ACS Applied Materials & Interfaces*, **2017**, 9, 44458-44465	9.5	43
283	Characterization of Branched Carbon Nanostructures **2016**, 468-469		
282	Supramolecular Differentiation for Construction of Anisotropic Fullerene Nanostructures by Time-Programmed Control of Interfacial Growth. *ACS Nano*, **2016**, 10, 8796-802	16.7	75
281	Fluorescent mesomorphic pyrazinacenes. *Journal of Materials Chemistry C*, **2016**, 4, 11514-11523	7.1	7
280	Nanoporous carbon materials with enhanced supercapacitance performance and non-aromatic chemical sensing with C/C alcohol discrimination. *Science and Technology of Advanced Materials*, **2016**, 17, 483-492	7.1	36
279	Syntheses and structural characterization of amphiphilic mononuclear complexes [FeIII(L)(X)2] (X = Br, SCN). *Journal of Coordination Chemistry*, **2016**, 69, 3182-3191	1.6	1
278	From Chromonic Self-Assembly to Hollow Carbon Nanofibers: Efficient Materials in Supercapacitor and Vapor-Sensing Applications. *ACS Applied Materials & Interfaces*, **2016**, 8, 31231-31238	9.5	35
277	Rekordeffizienz f□ Ruthenium-freie Solarzellen durch eine Kombination aus Molecular Engineering und Cosensitivierung. *Angewandte Chemie*, **2016**, 128, 3028-3030	3.6	4
276	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrin-Copper Corrole Donor-Acceptor Conjugates. *Chemistry - A European Journal*, **2016**, 22, 1301-12	4.8	20

275	Nanoarchitectonics for Dynamic Functional Materials from Atomic-/Molecular-Level Manipulation to Macroscopic Action. *Advanced Materials*, **2016**, 28, 1251-86	24	373
274	Porphyrin/Platinum(II) C^N^N Acetylide Complexes: Synthesis, Photophysical Properties, and Singlet Oxygen Generation. *Chemistry - A European Journal*, **2016**, 22, 4164-74	4.8	18
273	Hierarchically Structured Fullerene C70 Cube for Sensing Volatile Aromatic Solvent Vapors. *ACS Nano*, **2016**, 10, 6631-7	16.7	112
272	Surface Oxidized Carbon Nanotubes Uniformly Coated with Nickel Ferrite Nanoparticles. *Journal of Inorganic and Organometallic Polymers and Materials*, **2016**, 26, 1301-1308	3.2	11
271	Surfactant-Triggered Nanoarchitectonics of Fullerene C Crystals at a Liquid-Liquid Interface. *Langmuir*, **2016**, 32, 12511-12519	4	43
270	Self-Construction from 2D to 3D: One-Pot Layer-by-Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. *Angewandte Chemie - International Edition*, **2016**, 55, 8426-30	16.4	84
269	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. *ACS Applied Materials & Interfaces*, **2016**, 8, 9059-70	9.5	39
268	Supercapacitive hybrid materials from the thermolysis of porous coordination nanorods based on a catechol porphyrin. *Journal of Materials Chemistry A*, **2016**, 4, 5737-5744	13	38
267	Determination of blood potassium using a fouling-resistant PVDF–HFP-based optode. *RSC Advances*, **2016**, 6, 14261-14265	3.7	13
266	Anion binding, electrochemistry and solvatochromism of β-brominated oxoporphyrinogens. *Dalton Transactions*, **2016**, 45, 4006-16	4.3	6
265	Selective octabromination of tetraarylporphyrins based on meso-substituent identity: Structural and electrochemical studies. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 213-222	1.8	5
264	Fabrication and characterization of branched carbon nanostructures. *Beilstein Journal of Nanotechnology*, **2016**, 7, 1260-1266	3	6
263	Self-Construction from 2D to 3D: One-Pot Layer-by-Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. *Angewandte Chemie*, **2016**, 128, 8566-8570	3.6	13
262	Molecular Engineering Combined with Cosensitization Leads to Record Photovoltaic Efficiency for Non-ruthenium Solar Cells. *Angewandte Chemie - International Edition*, **2016**, 55, 2976-8	16.4	40
261	Nanostructured polymeric yolk–shell capsules: a versatile tool for hierarchical nanocatalyst design. *Journal of Materials Chemistry A*, **2016**, 4, 9850-9857	13	11
260	Supramolecular 1-D polymerization of DNA origami through a dynamic process at the 2-dimensionally confined air-water interface. *Physical Chemistry Chemical Physics*, **2016**, 18, 12576-81	3.6	62
259	Tautomerism in Oxoporphyrinogens and Pyrazinacenes **2016**, 203-228		
258	Mesoporous graphitic carbon microtubes derived from fullerene C70 tubes as a high performance electrode material for advanced supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 13899-13906	13	64

257	Nanoporous Carbon Tubes from Fullerene Crystals as the Electron Carbon Source. *Angewandte Chemie*, **2015**, 127, 965-969	3.6	14
256	Current-Driven Supramolecular Motor with In Situ Surface Chiral Directionality Switching. *Nano Letters*, **2015**, 15, 4793-8	11.5	49
255	Vortex-aligned fullerene nanowhiskers as a scaffold for orienting cell growth. *ACS Applied Materials & Interfaces*, **2015**, 7, 15667-73	9.5	90
254	Detection of ethanol in alcoholic beverages or vapor phase using fluorescent molecules embedded in a nanofibrous polymer. *ACS Applied Materials & Interfaces*, **2015**, 7, 6189-94	9.5	36
253	Nonionic amphiphile nanoarchitectonics: self-assembly into micelles and lyotropic liquid crystals. *Nanotechnology*, **2015**, 26, 204002	3.4	30
252	Low-temperature synthesis of copper oxide (CuO) nanostructures with temperature-controlled morphological variations. *Ceramics International*, **2015**, 41, 9426-9432	5.1	14
251	Electrochemical nanoarchitectonics and layer-by-layer assembly: From basics to future. *Nano Today*, **2015**, 10, 138-167	17.9	238
250	Totally Phospholipidic Mesoporous Particles. *Journal of Physical Chemistry C*, **2015**, 119, 7255-7263	3.8	7
249	Functional Nanomaterials Prepared by Nanoarchitectonics-Based Supramolecular Assembly. *NATO Science for Peace and Security Series C: Environmental Security*, **2015**, 45-61	0.3	
248	In situ 2D-extraction of DNA wheels by 3D through-solution transport. *Physical Chemistry Chemical Physics*, **2015**, 17, 32122-5	3.6	19
247	Nanoporous carbon tubes from fullerene crystals as the electron carbon source. *Angewandte Chemie - International Edition*, **2015**, 54, 951-5	16.4	96
246	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
245	Supramolecular Nanotechnology: Soft Assembly of Hard Nanomaterials **2015**, 95-108		
244	Hollow Capsules Fabricated by Template Polymerization of N-Vinylcaprolactam. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 2389-93	1.3	5
243	Mechanochemical Tuning of the Binaphthyl Conformation at the Air-Water Interface. *Angewandte Chemie - International Edition*, **2015**, 54, 8988-91	16.4	86
242	Mechanochemical Tuning of the Binaphthyl Conformation at the Air Water Interface. *Angewandte Chemie*, **2015**, 127, 9116-9119	3.6	19
241	Manipulation of shell morphology of silicate spheres from structural evolution in a purely inorganic system. *Chemistry - an Asian Journal*, **2015**, 10, 1379-86	4.5	12
240	Highly Ordered 1D Fullerene Crystals for Concurrent Control of Macroscopic Cellular Orientation and Differentiation toward Large-Scale Tissue Engineering. *Advanced Materials*, **2015**, 27, 4020-6	24	101

239	Nanoarchitectonics: a new materials horizon for nanotechnology. *Materials Horizons*, **2015**, 2, 406-413	14.4	210
238	Chiral sensing by nonchiral tetrapyrroles. *Accounts of Chemical Research*, **2015**, 48, 521-9	24.3	76
237	Thin Film Nanoarchitectonics. *Journal of Inorganic and Organometallic Polymers and Materials*, **2015**, 25, 466-479	3.2	44
236	Activated interiors of clay nanotubes for agglomeration-tolerant automotive exhaust remediation. *Journal of Materials Chemistry A*, **2015**, 3, 6614-6619	13	63
235	Composite Nanoarchitectonics for Ternary Systems of Reduced Graphene Oxide/Carbon Nanotubes/Nickel Oxide with Enhanced Electrochemical Capacitor Performance. *Journal of Inorganic and Organometallic Polymers and Materials*, **2015**, 25, 267-274	3.2	63
234	Bridging the Difference to the Billionth-of-a-Meter Length Scale: How to Operate Nanoscopic Machines and Nanomaterials by Using Macroscopic Actions. *Chemistry of Materials*, **2014**, 26, 519-532	9.6	77
233	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
232	Conformational interchange of a carbohydrate by mechanical compression at the air-water interface. *Physical Chemistry Chemical Physics*, **2014**, 16, 10286-94	3.6	12
231	Rapid exchange between atmospheric CO2 and carbonate anion intercalated within magnesium rich layered double hydroxide. *ACS Applied Materials & Interfaces*, **2014**, 6, 18352-9	9.5	49
230	Bioinspired nanoarchitectonics as emerging drug delivery systems. *New Journal of Chemistry*, **2014**, 38, 5149-5163	3.6	118
229	New synthesis of unsymmetrically-substituted 2,5-diarylpyrroles from homopropargyl sulfonamides. *RSC Advances*, **2014**, 4, 4897	3.7	18
228	Reaction mediated artificial cell termination: control of vesicle viability using Rh(I)-catalyzed hydrogenation. *Physical Chemistry Chemical Physics*, **2014**, 16, 16454-7	3.6	
227	Media-dependent morphology of supramolecular aggregates of □-cyclodextrin-grafted chitosan and insulin through multivalent interactions. *Journal of Materials Chemistry B*, **2014**, 2, 1802-1812	7.3	17
226	Intracellular imaging of cesium distribution in Arabidopsis using Cesium Green. *ACS Applied Materials & Interfaces*, **2014**, 6, 8208-11	9.5	30
225	Chiral guest binding as a probe of macrocycle dynamics and tautomerism in a conjugated tetrapyrrole. *Journal of the American Chemical Society*, **2014**, 136, 2112-8	16.4	36
224	Research Update: Mesoporous sensor nanoarchitectonics. *APL Materials*, **2014**, 2, 030701	5.7	57
223	Acid/base switching of the tautomerism and conformation of a dioxoporphyrin for integrated binary subtraction. *Chemistry - A European Journal*, **2014**, 20, 12910-6	4.8	14
222	Porphyrin-based sensor nanoarchitectonics in diverse physical detection modes. *Physical Chemistry Chemical Physics*, **2014**, 16, 9713-46	3.6	265

221	Bioactive nanocarbon assemblies: Nanoarchitectonics and applications. *Nano Today*, **2014**, 9, 378-394	17.9	210
220	Aligned 1-D nanorods of a □gelator exhibit molecular orientation and excitation energy transport different from entangled fiber networks. *Journal of the American Chemical Society*, **2014**, 136, 8548-51	16.4	77
219	Layer-by-layer growth of precisely controlled hetero-molecular multi-layers and superlattice structures. *Thin Solid Films*, **2014**, 554, 74-77	2.2	4
218	Simultaneous electropolymerization and electro-click functionalization for highly versatile surface platforms. *ACS Nano*, **2014**, 8, 5240-8	16.7	33
217	Self-assembly: from amphiphiles to chromophores and beyond. *Molecules*, **2014**, 19, 8589-609	4.8	54
216	Layer-by-layer Nanoarchitectonics: Invention, Innovation, and Evolution. *Chemistry Letters*, **2014**, 43, 36-68	1.7	761
215	Homeotropic alignment of dendritic columnar liquid crystal induced by hydrogen-bonded triphenylene core bearing fluoroalkyl chains. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 5130-7	1.3	8
214	Ubiquinone-Rhodol (UQ-Rh) for Fluorescence Imaging of NAD(P)H through Intracellular Activation. *Angewandte Chemie*, **2014**, 126, 4074-4076	3.6	5
213	Unexpected but convenient synthesis of soluble meso-tetrakis(3,4-benzoquinone)-substituted porphyrins. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 173-181	1.8	5
212	Nanoarchitectonics of molecular aggregates: science and technology. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 390-401	1.3	35
211	Arylpyrrole oligomers as tunable anion receptors. *Organic and Biomolecular Chemistry*, **2014**, 12, 5492-9	3.9	13
210	Low-temperature remediation of NO catalyzed by interleaved CuO nanoplates. *Advanced Materials*, **2014**, 26, 4481-5	24	66
209	Multicolour fluorescent memory based on the interaction of hydroxy terphenyls with fluoride anions. *Chemistry - A European Journal*, **2014**, 20, 16293-300	4.8	5
208	Dynamic Processes in Prochiral Solvating Agents (pro-CSAs) Studied by NMR Spectroscopy. *Symmetry*, **2014**, 6, 345-367	2.7	10
207	Two-dimensional nanofabrication and supramolecular functionality controlled by mechanical stimuli. *Thin Solid Films*, **2014**, 554, 32-40	2.2	12
206	Fabrication of a nano-structured Pt-loaded cerium oxide nanowire and its anode performance in the methanol electro-oxidation reaction. *Journal of Materials Chemistry A*, **2013**, 1, 6262	13	27
205	Nanoporous carbon sensor with cage-in-fiber structure: highly selective aniline adsorbent toward cancer risk management. *ACS Applied Materials & Interfaces*, **2013**, 5, 2930-4	9.5	57
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