

# Stephen Mann

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

437  
papers

40,686  
citations

105  
h-index

189  
g-index

460  
ext. papers

43,265  
ext. citations

12.4  
avg, IF

7.69  
L-index

#	Paper	IF	Citations
437	Triggerable Protocell Capture in Nanoparticle-Caged Coacervate Microdroplets.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	4
436	Chemical communication at the synthetic cell/living cell interface. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	16
435	Polymer-Surfactant Driven Interactions and the Resultant Microstructure in Protein-Containing Liquid Crystal Droplets. <i>Langmuir</i> , <b>2021</b> , 37, 11949-11960	4	0
434	A Novel Acid-Degradable PEG Crosslinker for the Fabrication of pH-Responsive Soft Materials. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100102	4.8	2
433	Chemical-mediated translocation in protocell-based microactuators. <i>Nature Chemistry</i> , <b>2021</b> , 13, 868-879	7.6	7
432	Giant Coacervate Vesicles As an Integrated Approach to Cytomimetic Modeling. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 2866-2874	16.4	25
431	Mixed liposomes containing gram-positive bacteria lipids: Lipoteichoic acid (LTA) induced structural changes. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 199, 111551	6	3
430	G-Quadruplex-Induced Liquid-Liquid Phase Separation in Biomimetic Protocells. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 11036-11043	16.4	6
429	Self-immobilization of coacervate droplets by enzyme-mediated hydrogelation. <i>Chemical Communications</i> , <b>2021</b> , 57, 5438-5441	5.8	3
428	Programmable Membrane-Mediated Attachment of Synthetic Virus-like Nanoparticles on Artificial Protocells for Enhanced Immunogenicity. <i>Cell Reports Physical Science</i> , <b>2021</b> , 2, 100291	6.1	6
427	Lectin-Glycan-Mediated Nanoparticle Docking as a Step toward Programmable Membrane Catalysis and Adhesion in Synthetic Protocells. <i>ACS Nano</i> , <b>2020</b> , 14, 7899-7910	16.7	9
426	Near-Infrared Fluorescent and Magnetic Resonance Dual-Imaging Coacervate Nanoprobes for Trypsin Mapping and Targeted Payload Delivery of Malignant Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 17302-17313	9.5	12
425	Chemical Information Exchange in Organized Protocells and Natural Cell Assemblies with Controllable Spatial Positions. <i>Small</i> , <b>2020</b> , 16, e1906394	11	28
424	Hydrogel-Immobilized Coacervate Droplets as Modular Microreactor Assemblies. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6853-6859	16.4	25
423	Hydrogel-Immobilized Coacervate Droplets as Modular Microreactor Assemblies. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6920-6926	3.6	
422	Catalytic processing in ruthenium-based polyoxometalate coacervate protocells. <i>Nature Communications</i> , <b>2020</b> , 11, 41	17.4	34
421	Light-Activated Signaling in DNA-Encoded Sender-Receiver Architectures. <i>ACS Nano</i> , <b>2020</b> , 14, 15992-16007	16.7	16

4 <sup>20</sup>	Enzyme-mediated nitric oxide production in vasoactive erythrocyte membrane-enclosed coacervate protocells. <i>Nature Chemistry</i> , <b>2020</b> , 12, 1165-1173	17.6	33
4 <sup>19</sup>	Photosynthetic hydrogen production by droplet-based microbial micro-reactors under aerobic conditions. <i>Nature Communications</i> , <b>2020</b> , 11, 5985	17.4	13
4 <sup>18</sup>	Spontaneous membrane-less multi-compartmentalization aqueous two-phase separation in complex coacervate micro-droplets. <i>Chemical Communications</i> , <b>2020</b> , 56, 12717-12720	5.8	15
4 <sup>17</sup>	Hierarchical microfibrillar gels from evaporation-induced anisotropic self-assembly of in situ-generated nanocrystals. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 558, 78-84	9.3	2
4 <sup>16</sup>	Spatial Positioning and Chemical Coupling in Coacervate-in-Proteinosome Protocells. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9218-9222	3.6	9
4 <sup>15</sup>	Spatial Positioning and Chemical Coupling in Coacervate-in-Proteinosome Protocells. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9120-9124	16.4	57
4 <sup>14</sup>	Modulation of Higher-order Behaviour in Model Protocell Communities by Artificial Phagocytosis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6399-6403	3.6	12
4 <sup>13</sup>	DNA-based communication in populations of synthetic protocells. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 369-378	28.7	137
4 <sup>12</sup>	Modulation of Higher-order Behaviour in Model Protocell Communities by Artificial Phagocytosis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6333-6337	16.4	30
4 <sup>11</sup>	Photoswitchable Phase Separation and Oligonucleotide Trafficking in DNA Coacervate Microdroplets. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14736-14740	3.6	18
4 <sup>10</sup>	Photoswitchable Phase Separation and Oligonucleotide Trafficking in DNA Coacervate Microdroplets. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14594-14598	16.4	65
4 <sup>09</sup>	Artificial morphogen-mediated differentiation in synthetic protocells. <i>Nature Communications</i> , <b>2019</b> , 10, 3321	17.4	35
4 <sup>08</sup>	Acoustic deformation for the extraction of mechanical properties of lipid vesicle populations. <i>Physical Review E</i> , <b>2019</b> , 99, 063002	2.4	11
4 <sup>07</sup>	Response-Retaliatio Behavior in Synthetic Protocell Communities. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17926-17927	3.6	11
4 <sup>06</sup>	Response-Retaliatio Behavior in Synthetic Protocell Communities. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17758-17763	16.4	27
4 <sup>05</sup>	Chemical communication in spatially organized protocell colonies and protocell/living cell micro-arrays. <i>Chemical Science</i> , <b>2019</b> , 10, 9446-9453	9.4	43
4 <sup>04</sup>	Autonomic Behaviors in Lipase-Active Oil Droplets. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1067-1071	16.4	30
4 <sup>03</sup>	Autonomic Behaviors in Lipase-Active Oil Droplets. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1079-1083	3.6	17

402	Preparation of Swellable Hydrogel-Containing Colloidosomes from Aqueous Two-Phase Pickering Emulsion Droplets. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7780-7784	16.4	32
401	Preparation of Swellable Hydrogel-Containing Colloidosomes from Aqueous Two-Phase Pickering Emulsion Droplets. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7906-7910	3.6	9
400	Emergence and dynamics of self-producing information niches as a step towards pre-evolutionary organization. <i>Journal of the Royal Society Interface</i> , <b>2018</b> , 15,	4.1	1
399	Chloroplast-containing coacervate micro-droplets as a step towards photosynthetically active membrane-free protocells. <i>Chemical Communications</i> , <b>2018</b> , 54, 3594-3597	5.8	41
398	Electric field-induced circulation and vacuolization regulate enzyme reactions in coacervate-based protocells. <i>Soft Matter</i> , <b>2018</b> , 14, 6514-6520	3.6	10
397	Construction of supramolecular hydrogels using photo-generated nitric oxide radicals. <i>Soft Matter</i> , <b>2018</b> , 14, 5950-5954	3.6	4
396	Enzyme-powered motility in buoyant organoclay/DNA protocells. <i>Nature Chemistry</i> , <b>2018</b> , 10, 1154-1163	17.6	68
395	The artificial cell: biology-inspired compartmentalization of chemical function. <i>Interface Focus</i> , <b>2018</b> , 8, 20180046	3.9	8
394	Gene-Mediated Chemical Communication in Synthetic Protocell Communities. <i>ACS Synthetic Biology</i> , <b>2018</b> , 7, 339-346	5.7	89
393	Microfluidic formation of proteinosomes. <i>Chemical Communications</i> , <b>2018</b> , 54, 287-290	5.8	33
392	Nonequilibrium Spatiotemporal Sensing within Acoustically Patterned Two-Dimensional Protocell Arrays. <i>ACS Central Science</i> , <b>2018</b> , 4, 1551-1558	16.8	26
391	Spontaneous Sequestration of Proteins into Liquid Crystalline Microdroplets. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 6, 1801593	4.6	7
390	Programmed assembly of synthetic protocells into thermoresponsive prototissues. <i>Nature Materials</i> , <b>2018</b> , 17, 1145-1153	27	90
389	Antagonistic chemical coupling in self-reconfigurable host-guest protocells. <i>Nature Communications</i> , <b>2018</b> , 9, 3652	17.4	56
388	Fabrication of Micropatterned Dipeptide Hydrogels by Acoustic Trapping of Stimulus-Responsive Coacervate Droplets. <i>Small</i> , <b>2018</b> , 14, e1800739	11	26
387	Multi-enzyme cascade reactions using protein-polymer surfactant self-standing films. <i>Chemical Communications</i> , <b>2017</b> , 53, 2094-2097	5.8	24
386	Light-induced dynamic shaping and self-division of multipodal polyelectrolyte-surfactant microarchitectures via azobenzene photomechanics. <i>Scientific Reports</i> , <b>2017</b> , 7, 41327	4.9	26
385	Coordinated Membrane Fusion of Proteinosomes by Contact-Induced Hydrogel Self-Healing. <i>Small</i> , <b>2017</b> , 13, 1700467	11	27

384	Phagocytosis-inspired behaviour in synthetic protocell communities of compartmentalized colloidal objects. <i>Nature Materials</i> , <b>2017</b> , 16, 857-863	27	92
383	Catanionic Coacervate Droplets as a Surfactant-Based Membrane-Free Protocell Model. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13877-13881	3.6	12
382	Catanionic Coacervate Droplets as a Surfactant-Based Membrane-Free Protocell Model. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13689-13693	16.4	45
381	Construction and in vivo assembly of a catalytically proficient and hyperthermostable de novo enzyme. <i>Nature Communications</i> , <b>2017</b> , 8, 358	17.4	66
380	Higher-order assembly of crystalline cylindrical micelles into membrane-extendable colloidosomes. <i>Nature Communications</i> , <b>2017</b> , 8, 426	17.4	47
379	Design and construction of artificial photoresponsive protocells capable of converting day light to chemical energy. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24612-24616	13	21
378	Single-step fabrication of multi-compartmentalized biphasic proteinosomes. <i>Chemical Communications</i> , <b>2017</b> , 53, 8537-8540	5.8	18
377	Predatory behaviour in synthetic protocell communities. <i>Nature Chemistry</i> , <b>2017</b> , 9, 110-119	17.6	177
376	Self-Assembly of Colloidal Nanocomposite Hydrogels Using 1D Cellulose Nanocrystals and 2D Exfoliated Organoclay Layers. <i>Gels</i> , <b>2017</b> , 3,	4.2	4
375	Non-equilibrium behaviour in coacervate-based protocells under electric-field-induced excitation. <i>Nature Communications</i> , <b>2016</b> , 7, 10658	17.4	69
374	Spontaneous assembly of chemically encoded two-dimensional coacervate droplet arrays by acoustic wave patterning. <i>Nature Communications</i> , <b>2016</b> , 7, 13068	17.4	83
373	Chemical Signaling and Functional Activation in Colloidosome-Based Protocells. <i>Small</i> , <b>2016</b> , 12, 1920-7	11	81
372	Dynamic Behavior in Enzyme-Polymer Surfactant Hydrogel Films. <i>Advanced Materials</i> , <b>2016</b> , 28, 1597-6024	24	13
371	Selective Uptake and Refolding of Globular Proteins in Coacervate Microdroplets. <i>Langmuir</i> , <b>2016</b> , 32, 5881-9	4	57
370	Self-transformation and structural reconfiguration in coacervate-based protocells. <i>Chemical Science</i> , <b>2016</b> , 7, 5879-5887	9.4	18
369	Secretion and Reversible Assembly of Extracellular-like Matrix by Enzyme-Active Colloidosome-Based Protocells. <i>Langmuir</i> , <b>2016</b> , 32, 2912-9	4	17
368	A suite of de novo c-type cytochromes for functional oxidoreductase engineering. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, 493-502	4.6	15
367	Hierarchical Proteinosomes for Programmed Release of Multiple Components. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7095-100	16.4	96

366	Hierarchical Proteinosomes for Programmed Release of Multiple Components. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 7211-7216	3.6	30
365	Artificial membrane-binding proteins stimulate oxygenation of stem cells during engineering of large cartilage tissue. <i>Nature Communications</i> , <b>2015</b> , 6, 7405	17.4	53
364	In vitro gene expression within membrane-free coacervate protocells. <i>Chemical Communications</i> , <b>2015</b> , 51, 11429-32	5.8	122
363	Photocatalytic multiphase micro-droplet reactors based on complex coacervation. <i>Chemical Communications</i> , <b>2015</b> , 51, 8600-2	5.8	24
362	Hydrophobic nanoparticles promote lamellar to inverted hexagonal transition in phospholipid mesophases. <i>Soft Matter</i> , <b>2015</b> , 11, 8789-800	3.6	21
361	Cell paintballing using optically targeted coacervate microdroplets. <i>Chemical Science</i> , <b>2015</b> , 6, 6106-6111	1.4	16
360	Fabrication of photoluminescent hybrid protein crystals of lysozyme and bromophenol blue. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 7026-7030	4.3	5
359	Multimodal plasmonics in fused colloidal networks. <i>Nature Materials</i> , <b>2015</b> , 14, 87-94	27	48
358	Synthesis and confinement of carbon dots in lysozyme single crystals produces ordered hybrid materials with tuneable luminescence. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9008-13	4.8	14
357	Microfluidic Formation of Membrane-Free Aqueous Coacervate Droplets in Water. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8518-8521	3.6	19
356	Microfluidic Formation of Membrane-Free Aqueous Coacervate Droplets in Water. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8398-401	16.4	60
355	High-Temperature Electrochemistry of a Solvent-Free Myoglobin Melt. <i>ChemElectroChem</i> , <b>2015</b> , 2, 976-981	1.3	7
354	Structure and function of the silicifying peptide R5. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2607-2614	7.3	49
353	Membrane Assembly: Spontaneous Structuration in Coacervate-Based Protocells by Polyoxometalate-Mediated Membrane Assembly (Small 9/2014). <i>Small</i> , <b>2014</b> , 10, 1658-1658	11	
352	Multifunctional Porous Microspheres Based on Peptide-Porphyrin Hierarchical Co-Assembly. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2398-2402	3.6	45
351	Fatty acid membrane assembly on coacervate microdroplets as a step towards a hybrid protocell model. <i>Nature Chemistry</i> , <b>2014</b> , 6, 527-33	17.6	238
350	Molecular dynamics simulations reveal a dielectric-responsive coronal structure in protein-polymer surfactant hybrid nanoconstructs. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16824-31	16.4	35
349	Multifunctional porous microspheres based on peptide-porphyrin hierarchical co-assembly. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2366-70	16.4	143

348	Synthesis and crystallization-driven solution self-assembly of polyferrocenylsilane diblock copolymers with polymethacrylate corona-forming blocks. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1923-1929	4.9	29
347	In situ precipitation of amorphous and crystalline calcium sulphates in cellulose thin films. <i>CrystEngComm</i> , <b>2014</b> , 16, 3843-3847	3.3	9
346	In situ X-ray reflectivity studies of molecular and molecular-cluster intercalation within purple membrane films. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5447-5452	7.1	6
345	Bioactive Hybrid Organogels Based on Miniemulsion Synthesis of Morphologically Complex Polymer/Surfactant/Calcium Phosphate Nanostructures. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 5965-5972	9.6	11
344	Spontaneous structuration in coacervate-based protocells by polyoxometalate-mediated membrane assembly. <i>Small</i> , <b>2014</b> , 10, 1830-40	11	57
343	Synthetic cellularity based on non-lipid micro-compartments and protocell models. <i>Current Opinion in Chemical Biology</i> , <b>2014</b> , 22, 1-11	9.7	125
342	Spontaneous growth and division in self-reproducing inorganic colloidosomes. <i>Small</i> , <b>2014</b> , 10, 3291-8	11	66
341	Self-organization of glucose oxidase-polymer surfactant nanoconstructs in solvent-free soft solids and liquids. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 11573-80	3.4	18
340	Enzyme activity in liquid lipase melts as a step towards solvent-free biology at 150 °C. <i>Nature Communications</i> , <b>2014</b> , 5, 5058	17.4	62
339	Membrane-mediated cascade reactions by enzyme-polymer proteinosomes. <i>Chemical Communications</i> , <b>2014</b> , 50, 6278-80	5.8	73
338	Design and construction of higher-order structure and function in proteinosome-based protocells. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9225-34	16.4	131
337	Membrane engineering of colloidosome microcompartments using partially hydrophobic mesoporous silica nanoparticles. <i>Langmuir</i> , <b>2014</b> , 30, 15047-52	4	37
336	Nanoparticle-based membrane assembly and silicification in coacervate microdroplets as a route to complex colloidosomes. <i>Langmuir</i> , <b>2014</b> , 30, 14591-6	4	20
335	Interfacial assembly of protein-polymer nano-conjugates into stimulus-responsive biomimetic protocells. <i>Nature Communications</i> , <b>2013</b> , 4, 2239	17.4	316
334	Integrative self-assembly of functional hybrid nanoconstructs by inorganic wrapping of single biomolecules, biomolecule arrays and organic supramolecular assemblies. <i>Nanoscale</i> , <b>2013</b> , 5, 7161-74	7.7	7
333	Redox transitions in an electrolyte-free myoglobin fluid. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18311-4	16.4	21
332	Conductive, monodisperse polyaniline nanofibers of controlled length using well-defined cylindrical block copolymer micelles as templates. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13030-9	4.8	25
331	Electrochemical crystallization of spatially organized copper microwire arrays within biomineralized (dentine) templates. <i>CrystEngComm</i> , <b>2013</b> , 15, 7152	3.3	3

330	Apo ferritin-encapsulated PbS quantum dots significantly inhibit growth of colorectal carcinoma cells. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 6254-6260	7.3	13
329	Small-molecule uptake in membrane-free peptide/nucleotide protocells. <i>Soft Matter</i> , <b>2013</b> , 9, 7647	3.6	47
328	Enhanced catalytic activity in organic solvents using molecularly dispersed haemoglobin-polymer surfactant constructs. <i>Chemical Communications</i> , <b>2013</b> , 49, 9561-3	5.8	12
327	Bio-inspired protein-gold nanoconstruct with core-void-shell structure: beyond a chemo drug carrier. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 3136-3143	7.3	20
326	Wie entsteht Leben: Ein altes Problem gebiert neue Chemie. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 166-173	3.6	27
325	The origins of life: old problems, new chemistries. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 155-62	16.4	103
324	Enzymatically active self-standing protein-polymer surfactant films prepared by hierarchical self-assembly. <i>Advanced Materials</i> , <b>2013</b> , 25, 2005-10	24	33
323	Calcium sulfate hemihydrate-mediated crystallization of gypsum on Ca <sup>2+</sup> -activated cellulose thin films. <i>CrystEngComm</i> , <b>2013</b> , 15, 3793-3798	3.3	9
322	Electrostatically gated membrane permeability in inorganic protocells. <i>Nature Chemistry</i> , <b>2013</b> , 5, 529-36	7.6	190
321	Artificial cytoskeletal structures within enzymatically active bio-inorganic protocells. <i>Small</i> , <b>2013</b> , 9, 357-62	6.2	42
320	Controlled assembly of Sb <sub>2</sub> S <sub>3</sub> nanoparticles on silica/polymer nanotubes: insights into the nature of hybrid interfaces. <i>Scientific Reports</i> , <b>2013</b> , 3, 1336	4.9	29
319	Isolation of a highly reactive $\beta$ -sheet-rich intermediate of lysozyme in a solvent-free liquid phase. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 8400-7	3.4	22
318	Plasmonic Response of Ag- and Au-Infiltrated Cross-Linked Lysozyme Crystals. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 281-290	15.6	20
317	Mesoscale integration in titania/J-aggregate hybrid nanofibers. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 733-7	16.4	11
316	Systems of creation: the emergence of life from nonliving matter. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 2131-41	24.3	162
315	Interactions of nanoparticles with purple membrane films. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 15635	11	
314	Stabilization and enhanced reactivity of actinorhodin polyketide synthase minimal complex in polymer-nucleotide coacervate droplets. <i>Chemical Communications</i> , <b>2012</b> , 48, 11832-4	5.8	77
313	Polymer/nucleotide droplets as bio-inspired functional micro-compartments. <i>Soft Matter</i> , <b>2012</b> , 8, 6004	3.6	76

312	The differential effect of apoferritin-PbS nanocomposites on cell cycle progression in normal and cancerous cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 660-665		13
311	Fabrication of polypyrrole nano-arrays in lysozyme single crystals. <i>Nanoscale</i> , <b>2012</b> , 4, 6710-3	7.7	15
310	Designs for life: protocell models in the laboratory. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 79-85	58.5	191
309	Hyper-thermal stability and unprecedented re-folding of solvent-free liquid myoglobin. <i>Chemical Science</i> , <b>2012</b> , 3, 1839	9.4	40
308	A polymer surfactant corona dynamically replaces water in solvent-free protein liquids and ensures macromolecular flexibility and activity. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 13168-71	16.4	41
307	Liquid viruses by nanoscale engineering of capsid surfaces. <i>Advanced Materials</i> , <b>2012</b> , 24, 4557-63	24	23
306	Nematic director-induced switching of assemblies of hexagonally packed gold nanorods. <i>Advanced Materials</i> , <b>2012</b> , 24, 4424-9	24	11
305	Mesoscale Integration in Titania/J-Aggregate Hybrid Nanofibers. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 757-763	16	5
304	Contrast in electron-transfer mediation between graphene oxide and reduced graphene oxide. <i>ChemPhysChem</i> , <b>2012</b> , 13, 2956-63	3.2	2
303	Cerium oxide nanoparticle-mediated self-assembly of hybrid supramolecular hydrogels. <i>Chemical Communications</i> , <b>2012</b> , 48, 7934-6	5.8	26
302	In vitro gene expression and enzyme catalysis in bio-inorganic protocells. <i>Chemical Science</i> , <b>2011</b> , 2, 1739-4	9.4	83
301	Synthesis of fluorescent core-shell hydroxyapatite nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 1250-1254		40
300	Fabrication of functional bioinorganic nanoconstructs by polymer-silica wrapping of individual myoglobin molecules. <i>Nanoscale</i> , <b>2011</b> , 3, 1031-6	7.7	7
299	A flexible one-pot route to metal/metal oxide nanocomposites. <i>Green Chemistry</i> , <b>2011</b> , 13, 272-275	10	37
298	Peptide-nucleotide microdroplets as a step towards a membrane-free protocell model. <i>Nature Chemistry</i> , <b>2011</b> , 3, 720-4	17.6	333
297	Tris(8-hydroxyquinolino)gallium(III)-loaded copolymer micelles as cytotoxic nanoconstructs for cosolvent-free organometallic drug delivery. <i>Small</i> , <b>2011</b> , 7, 1635-40	11	4
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