

# Steven De Feyter

## List of Publications by Citations

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449  
papers

19,213  
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69  
h-index

117  
g-index

489  
ext. papers

20,818  
ext. citations

9.2  
avg, IF

6.78  
L-index

#	Paper	IF	Citations
449	Two-dimensional supramolecular self-assembly probed by scanning tunneling microscopy. <i>Chemical Society Reviews</i> , <b>2003</b> , 32, 139-50	58.5	908
448	Molecular and supramolecular networks on surfaces: from two-dimensional crystal engineering to reactivity. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7298-332	16.4	565
447	Self-assembly at the liquid/solid interface: STM reveals. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 4290-302	34	418
446	Two-dimensional supramolecular self-assembly: nanoporous networks on surfaces. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 402-21	58.5	409
445	Chemical vapour deposition of zeolitic imidazolate framework thin films. <i>Nature Materials</i> , <b>2016</b> , 15, 304-10	27	387
444	Synthesis of structurally well-defined and liquid-phase-processable graphene nanoribbons. <i>Nature Chemistry</i> , <b>2014</b> , 6, 126-32	17.6	384
443	Two-dimensional porous molecular networks of dehydrobenzo[12]annulene derivatives via alkyl chain interdigitation. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 16613-25	16.4	323
442	One building block, two different supramolecular surface-confined patterns: concentration in control at the solid-liquid interface. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2964-8	16.4	255
441	Scanning tunneling microscopy: a unique tool in the study of chirality, dynamics, and reactivity in physisorbed organic monolayers. <i>Accounts of Chemical Research</i> , <b>2000</b> , 33, 520-31	24.3	246
440	Covalent modification of graphene and graphite using diazonium chemistry: tunable grafting and nanomanipulation. <i>ACS Nano</i> , <b>2015</b> , 9, 5520-35	16.7	221
439	Self-Assembly of Bisurea Compounds in Organic Solvents and on Solid Substrates. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 1238-1243	4.8	209
438	Conjugated Covalent Organic Frameworks via Michael Addition-Elimination. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2421-2427	16.4	194
437	Two-dimensional chirality at liquid-solid interfaces. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 722-36	58.5	192
436	Pi-conjugated oligo-(p-phenylenevinylene) rosettes and their tubular self-assembly. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 74-8	16.4	186
435	Solvent controlled self-assembly at the liquid-solid interface revealed by STM. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 317-25	16.4	185
434	Exploring the complexity of supramolecular interactions for patterning at the liquid-solid interface. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1309-20	24.3	174
433	Structural transformation of a two-dimensional molecular network in response to selective guest inclusion. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2831-4	16.4	174

432	Terryleneimides: New NIR Fluorescent Dyes. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 219-25	4.8	169
431	Light- and STM-Tip-Induced Formation of One-Dimensional and Two-Dimensional Organic Nanostructures $\square$ <i>Langmuir</i> , <b>2003</b> , 19, 6474-6482	4	163
430	Structurally defined graphene nanoribbons with high lateral extension. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 18169-72	16.4	162
429	Temperature-induced structural phase transitions in a two-dimensional self-assembled network. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12068-75	16.4	158
428	Supramolecular surface-confined architectures created by self-assembly of triangular phenylene-ethynylene macrocycles via van der Waals interaction. <i>Chemical Communications</i> , <b>2010</b> , 46, 8507-25	5.8	158
427	Frontiers of supramolecular chemistry at solid surfaces. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 2520-2542	58.5	155
426	Control and induction of surface-confined homochiral porous molecular networks. <i>Nature Chemistry</i> , <b>2011</b> , 3, 714-9	17.6	155
425	Supramolecular Assemblies on Surfaces: Nanopatterning, Functionality, and Reactivity. <i>ACS Nano</i> , <b>2018</b> , 12, 7445-7481	16.7	146
424	Programmable hierarchical three-component 2D assembly at a liquid-solid interface: recognition, selection, and transformation. <i>Nano Letters</i> , <b>2008</b> , 8, 2541-6	11.5	145
423	Two-dimensional crystal engineering: a four-component architecture at a liquid-solid interface. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7353-7	16.4	140
422	Molecular clusters in two-dimensional surface-confined nanoporous molecular networks: structure, rigidity, and dynamics. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7119-29	16.4	140
421	Molecular geometry directed Kagom $\square$ and honeycomb networks: toward two-dimensional crystal engineering. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 3502-3	16.4	133
420	Host-guest chemistry in two-dimensional supramolecular networks. <i>Chemical Communications</i> , <b>2016</b> , 52, 11465-11487	5.8	131
419	Submolecularly Resolved Polymerization of Diacetylene Molecules on the Graphite Surface Observed with Scanning Tunneling Microscopy. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 2601-2603		126
418	Synthesis and controlled self-assembly of covalently linked hexa-peri-hexabenzocoronene/perylene diimide dyads as models to study fundamental energy and electron transfer processes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 5876-86	16.4	124
417	Bottom-up synthesis of liquid-phase-processable graphene nanoribbons with near-infrared absorption. <i>ACS Nano</i> , <b>2014</b> , 8, 11622-30	16.7	122
416	Solvent Codeposition and Cis $\square$ trans Isomerization of Isophthalic Acid Derivatives Studied by STM. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 19636-19641		116
415	2D networks of rhombic-shaped fused dehydrobenzo[12]annulenes: structural variations under concentration control. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17583-90	16.4	114

414	Two-dimensional self-assembly into multicomponent hydrogen-bonded nanostructures. <i>Nano Letters</i> , <b>2005</b> , 5, 77-81	11.5	112
413	Solvent-Resistant Nanofiltration Membranes Based on Multilayered Polyelectrolyte Complexes. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 3876-3883	9.6	110
412	Copper benzene tricarboxylate metal-organic framework with wide permanent mesopores stabilized by Keggin polyoxometallate ions. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 10911-9	16.4	105
411	Fluorescence and Intramolecular Energy Transfer in Polyphenylene Dendrimers. <i>Macromolecules</i> , <b>2003</b> , 36, 5918-5925	5.5	105
410	Controlled self-assembly of C3-symmetric hexa-peri-hexabenzocoronenes with alternating hydrophilic and hydrophobic substituents in solution, in the bulk, and on a surface. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4439-48	16.4	101
409	Host Matrix Dependence on the Photophysical Properties of Individual Conjugated Polymer Chains. <i>Macromolecules</i> , <b>2003</b> , 36, 500-507	5.5	99
408	Detection of different oxidation states of individual manganese porphyrins during their reaction with oxygen at a solid/liquid interface. <i>Nature Chemistry</i> , <b>2013</b> , 5, 621-7	17.6	97
407	Shape-persistent macrocycles with intraannular polar groups: synthesis, liquid crystallinity, and 2D organization. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 214-22	16.4	97
406	Nanostructuring graphene for controlled and reproducible functionalization. <i>Nanoscale</i> , <b>2015</b> , 7, 1566-85.7	5.7	95
405	Oligo(p-phenylenevinylene)-peptide conjugates: synthesis and self-assembly in solution and at the solid-liquid interface. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14576-83	16.4	95
404	Expression of Chirality by Achiral Coadsorbed Molecules in Chiral Monolayers Observed by STM. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 1223-1226	16.4	94
403	Persistent, well-defined, monodisperse, pi-conjugated organic nanoparticles via G-quadruplex self-assembly. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4710-9	16.4	92
402	Influence of supramolecular organization on energy transfer properties in chiral oligo(p-phenylene vinylene) porphyrin assemblies. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9819-28	16.4	91
401	Tuning the supramolecular chirality of one- and two-dimensional aggregates with the number of stereogenic centers in the component porphyrins. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9350-62	16.4	89
400	Star-shaped oligo(p-phenylenevinylene) substituted hexaarylbenzene: purity, stability, and chiral self-assembly. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 16190-6	16.4	88
399	Emerging solvent-induced homochirality by the confinement of achiral molecules against a solid surface. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4997-5001	16.4	87
398	Synthesis and Photomodulation of Rigid Polyphenylene Dendrimers with an Azobenzene Core. <i>Macromolecules</i> , <b>2003</b> , 36, 578-590	5.5	84
397	Dynamic control over supramolecular handedness by selecting chiral induction pathways at the solution-solid interface. <i>Nature Chemistry</i> , <b>2016</b> , 8, 711-7	17.6	83

396	Molekulare und supramolekulare Netzwerke auf Oberflächen: vom zweidimensionalen Kristall-Engineering bis zur Reaktivität. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 7434-7469	3.6	82
395	Imidazo[4,5-f]-1,10-phenanthrolines: Versatile Ligands for the Design of Metallomesogens. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 1278-1291	9.6	82
394	Toward Two-Dimensional Supramolecular Control of Hydrogen-Bonded Arrays: The Case of Isophthalic Acids. <i>Nano Letters</i> , <b>2003</b> , 3, 1485-1488	11.5	82
393	Homo- and Heterochiral Supramolecular Tapes from Achiral, Enantiopure, and Racemic Promesogenic Formamides: Expression of Molecular Chirality in Two and Three Dimensions. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3217-3220	16.4	81
392	Bias-dependent visualization of electron donor (D) and electron acceptor (A) moieties in a chiral DAD triad molecule. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 14968-9	16.4	77
391	Synthesis of dehydrobenzo[18]annulene derivatives and formation of self-assembled monolayers: implications of core size on alkyl chain interdigitation. <i>Langmuir</i> , <b>2007</b> , 23, 10190-7	4	76
390	Hydrogen bonding versus van der Waals interactions: competitive influence of noncovalent interactions on 2D self-assembly at the liquid-solid interface. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 14447-58	4.8	75
389	Noncovalent control for bottom-up assembly of functional supramolecular wires. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12602-3	16.4	75
388	Structure and Mesomorphic Behavior of Alkoxy-Substituted Bis(phthalocyaninato)lanthanide(III) Complexes. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 3930-3938	9.6	75
387	Twisted Aromatic Frameworks: Readily Exfoliable and Solution-Processable Two-Dimensional Conjugated Microporous Polymers. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 6946-6951	16.4	74
386	Assembly and fiber formation of a gemini-type hexathienocoronene amphiphile for electrical conduction. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 13531-7	16.4	74
385	High-resolution scanning tunneling microscopy characterization of mixed monolayer protected gold nanoparticles. <i>ACS Nano</i> , <b>2013</b> , 7, 8529-39	16.7	73
384	Supramolecular $\pi$ -Stacked Assemblies of Bis(urea)-Substituted Thiophene Derivatives and Their Electronic Properties Probed with Scanning Tunneling Microscopy and Scanning Tunneling Spectroscopy. <i>Nano Letters</i> , <b>2001</b> , 1, 201-206	11.5	72
383	Molecular Organization of Bis-urea Substituted Thiophene Derivatives at the Liquid/Solid Interface Studied by Scanning Tunneling Microscopy. <i>Langmuir</i> , <b>2000</b> , 16, 10385-10391	4	71
382	Mesostructure of Evaporated Porphyrin Thin Films: Porphyrin Wheel Formation. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 10588-10598	3.4	70
381	Chemical Vapor Deposition Synthesis and Terahertz Photoconductivity of Low-Band-Gap N = 9 Armchair Graphene Nanoribbons. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3635-3638	16.4	69
380	Role of substrate in directing the self-assembly of multicomponent supramolecular networks at the liquid-solid interface. <i>ACS Nano</i> , <b>2012</b> , 6, 8381-9	16.7	69
379	Hydrogen bond directed self-assembly of core-substituted naphthalene bisimides with melamines in solution and at the graphite interface. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 414-22	3.9	69

378	One building block, two different nanoporous self-assembled monolayers: a combined STM and Monte Carlo study. <i>ACS Nano</i> , <b>2012</b> , 6, 897-903	16.7	68
377	Femtochemistry of Norrish type-I reactions: IV. Highly excited ketones--experimental. <i>ChemPhysChem</i> , <b>2002</b> , 3, 79-97	3.2	68
376	Ordered nanoporous membranes based on diblock copolymers with high chemical stability and tunable separation properties. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4333		67
375	Nanopatterning of a covalent organic framework host-guest system. <i>Chemical Communications</i> , <b>2016</b> , 52, 68-71	5.8	66
374	Induction of chirality in an achiral monolayer at the liquid/solid interface by a supramolecular chiral auxiliary. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 3171-7	16.4	66
373	2D self-assembly of oligo(p-phenylene vinylene) derivatives: from dimers to chiral rosettes. <i>Small</i> , <b>2005</b> , 1, 131-7	11	66
372	2D-Structures of Quadruple Hydrogen Bonded Oligo(p-phenylenevinylene)s on Graphite: Self-Assembly Behavior and Expression of Chirality. <i>Nano Letters</i> , <b>2004</b> , 4, 1175-1179	11.5	65
371	Fluorescent Self-Assembled Polyphenylene Dendrimer Nanofibers. <i>Macromolecules</i> , <b>2003</b> , 36, 8489-8498	8.5	65
370	Site-selective guest inclusion in molecular networks of butadiyne-bridged pyridino and benzeno square macrocycles on a surface. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6666-7	16.4	64
369	Reversible Local and Global Switching in Multicomponent Supramolecular Networks: Controlled Guest Release and Capture at the Solution/Solid Interface. <i>ACS Nano</i> , <b>2015</b> , 9, 11608-17	16.7	63
368	Solvent-induced homochirality in surface-confined low-density nanoporous molecular networks. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19568-71	16.4	63
367	One Building Block, Two Different Supramolecular Surface-Confined Patterns: Concentration in Control at the Solid-Liquid Interface. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 3006-3010	3.6	63
366	Poly(ethylene oxide) Functionalized Graphene Nanoribbons with Excellent Solution Processability. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10136-9	16.4	63
365	Self-Assembly of Polyphenylene Dendrimers into Micrometer Long Nanofibers: An Atomic Force Microscopy Study. <i>Langmuir</i> , <b>2002</b> , 18, 2385-2391	4	62
364	Supramolecular control of two-dimensional phase behavior. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 1198-206	4.8	61
363	Femtosecond dynamics of retro Diels-Alder reactions: the concept of concertedness. <i>Chemical Physics Letters</i> , <b>1999</b> , 304, 134-144	2.5	61
362	Structure and function revealed with submolecular resolution at the liquid-solid interface. <i>Soft Matter</i> , <b>2009</b> , 5, 721-735	3.6	60
361	Morphology and performance of solvent-resistant nanofiltration membranes based on multilayered polyelectrolytes: Study of preparation conditions. <i>Journal of Membrane Science</i> , <b>2010</b> , 358, 150-157	9.6	60

360	Chiral alignment of OPV chromophores: exploitation of the ureidophthalimide-based foldamer. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 16113-21	16.4	60
359	Metal ion complexation: a route to 2 D templates?. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1124-32	4.8	60
358	Adaptive Building Blocks Consisting of Rigid Triangular Core and Flexible Alkoxy Chains for Self-Assembly at Liquid/Solid Interfaces. <i>Bulletin of the Chemical Society of Japan</i> , <b>2016</b> , 89, 1277-1306	5.1	59
357	Lateral Fusion of Chemical Vapor Deposited N = 5 Armchair Graphene Nanoribbons. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9483-9486	16.4	58
356	Self-assembly of tetrathiafulvalene derivatives at a liquid/solid interface—compositional and constitutional influence on supramolecular ordering. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 4601		58
355	Processable Rylene Diimide Dyes up to 4 nm in Length: Synthesis and STM Visualization. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11842-6	4.8	57
354	Scanning tunneling microscopy-induced reversible phase transformation in the two-dimensional crystal of a positively charged discotic polycyclic aromatic hydrocarbon. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5686-8	16.4	56
353	Photoluminescence intensity fluctuations and electric-field-induced photoluminescence quenching in individual nanoclusters of poly(phenylenevinylene). <i>ChemPhysChem</i> , <b>2003</b> , 4, 260-7	3.2	56
352	Singlet-singlet annihilation in multichromophoric peryleneimide dendrimers, determined by fluorescence upconversion. <i>ChemPhysChem</i> , <b>2001</b> , 2, 49-55	3.2	56
351	Expression of Chirality and Visualization of Stereogenic Centers by Scanning Tunneling Microscopy. <i>Langmuir</i> , <b>1999</b> , 15, 2817-2822	4	56
350	Hydrogen-bonding and phase-forming behavior of a soluble quinacridone. <i>Advanced Materials</i> , <b>1996</b> , 8, 490-493	24	55
349	Giant molecular spoked wheels in giant voids: two-dimensional molecular self-assembly goes big. <i>Chemical Communications</i> , <b>2008</b> , 3897-9	5.8	54
348	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 728-735		54
347	Nanoscale Control over the Mixing Behavior of Surface-Confined Bicomponent Supramolecular Networks Using an Oriented External Electric Field. <i>ACS Nano</i> , <b>2017</b> , 11, 10903-10913	16.7	53
346	Tailoring surface-confined nanopores with photoresponsive groups. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8373-6	16.4	53
345	Femtosecond dynamics of valence-bond isomers of azines: transition states and conical intersections. <i>Chemical Physics Letters</i> , <b>1998</b> , 298, 129-140	2.5	53
344	Two-dimensional crystal engineering at the liquid-solid interface. <i>Topics in Current Chemistry</i> , <b>2009</b> , 287, 87-133		53
343	Conjugated Oligo-(p-phenylenevinylene) Rosettes and Their Tubular Self-Assembly. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 76-80	3.6	53

- 342 Aggregation Properties of Soluble Quinacridones in Two and Three Dimensions. *Chemistry of Materials*, **2002**, 14, 989-997 9.6 53
- 341 Direct observation of the femtosecond nonradiative dynamics of azulene in a molecular beam: The anomalous behavior in the isolated molecule. *Journal of Chemical Physics*, **1999**, 110, 9785-9788 3.9 53
- 340 Self-assembled air-stable supramolecular porous networks on graphene. *ACS Nano*, **2013**, 7, 10764-72 16.7 52
- 339 Molecularly defined shape-persistent 2D oligomers: the covalent-template approach to molecular spoked wheels. *Angewandte Chemie - International Edition*, **2007**, 46, 6802-6 16.4 52
- 338 Hydrogen-bonded oligo(p-phenylenevinylene) functionalized with perylene bisimide: self-assembly and energy transfer. *Chemistry - A European Journal*, **2006**, 12, 9046-55 4.8 52
- 337 Dynamics in physisorbed monolayers of 5-alkoxy-isophthalic acid derivatives at the liquid/solid interface investigated by scanning tunneling microscopy. *Chemistry - A European Journal*, **2000**, 6, 3739-46<sup>8</sup> 4.8 52
- 336 A tale of tails: alkyl chain directed formation of 2D porous networks reveals odd-even effects and unexpected bicomponent phase behavior. *ACS Nano*, **2013**, 7, 8031-42 16.7 51
- 335 Switching stiction and adhesion of a liquid on a solid. *Nature*, **2016**, 534, 676-9 50.4 50
- 334 Large all-hydrocarbon spoked wheels of high symmetry: modular synthesis, photophysical properties, and surface assembly. *Journal of the American Chemical Society*, **2010**, 132, 1410-23 16.4 49
- 333 Structural Transformation of a Two-Dimensional Molecular Network in Response to Selective Guest Inclusion. *Angewandte Chemie*, **2007**, 119, 2889-2892 3.6 49
- 332 Substrate Effects in the Supramolecular Assembly of 1,3,5-Benzene Tricarboxylic Acid on Graphite and Graphene. *Langmuir*, **2015**, 31, 7016-24 4 48
- 331 Toward tunable doping in graphene FETs by molecular self-assembled monolayers. *Nanoscale*, **2013**, 5, 9640-4 7.7 48
- 330 Poly(sulfone)/sulfonated poly(ether ether ketone) blend membranes: Morphology study and application in the filtration of alcohol based feeds. *Journal of Membrane Science*, **2008**, 324, 67-75 9.6 48
- 329 Host-Guest Chemistry in Integrated Porous Space Formed by Molecular Self-Assembly at Liquid-Solid Interfaces. *Langmuir*, **2017**, 33, 4601-4618 4 47
- 328 Towards enantioselective adsorption in surface-confined nanoporous systems. *Chemical Communications*, **2015**, 51, 4766-9 5.8 47
- 327 Femtosecond Dynamics of Norrish Type-II Reactions: Nonconcerted Hydrogen-Transfer and Diradical Intermediacy. *Angewandte Chemie - International Edition*, **2000**, 39, 260-263 16.4 47
- 326 Influence of polyanion type and cationic counter ion on the SRNF performance of polyelectrolyte membranes. *Journal of Membrane Science*, **2012**, 403-404, 216-226 9.6 46
- 325 Visualization of various supramolecular assemblies of oligo(para-phenylenevinylene)-melamine and perylene bisimide. *Chemistry - A European Journal*, **2008**, 14, 8579-89 4.8 46



324	Direct X-ray and electron-beam lithography of halogenated zeolitic imidazolate frameworks. <i>Nature Materials</i> , <b>2021</b> , 20, 93-99	27	46
323	Nucleoside-assisted self-assembly of oligo(p-phenylenevinylene)s at liquid/solid interface: chirality and nanostructures. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17764-71	16.4	45
322	Layer-by-Layer Construction of Ultrathin Hybrid Films with Proteins and Clay Minerals. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12730-12740	3.8	45
321	Photodimerization of Cinnamate Derivatives Studied by STM. <i>Nano Letters</i> , <b>2001</b> , 1, 353-359	11.5	45
320	Self-Assembly under Confinement: Nanocorrals for Understanding Fundamentals of 2D Crystallization. <i>ACS Nano</i> , <b>2016</b> , 10, 10706-10715	16.7	44
319	Adding Four Extra K-Regions to Hexa-peri-hexabenzocoronene. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4726-9	16.4	44
318	Two-Dimensional Crystal Engineering: A Four-Component Architecture at a Liquid/Solid Interface. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 7489-7493	3.6	44
317	2-Naphthol Complexation by $\beta$ -Cyclodextrin: Influence of Added Short Linear Alcohols. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 19959-19966		44
316	Molecule-molecule versus molecule-substrate interactions in the assembly of oligothiophenes at surfaces. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7898-908	3.4	43
315	Towards supramolecular electronics. <i>Synthetic Metals</i> , <b>2004</b> , 147, 43-48	3.6	43
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