

Paolo Samorini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/601441/publications.pdf>

Version: 2024-02-01

384
papers

22,741
citations

6592

79
h-index

12558

132
g-index

413
all docs

413
docs citations

413
times ranked

25701
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertical organic transistors with short channels for multifunctional optoelectronic devices. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2494-2506.	2.7	13
2	Molecular Approach to Engineer Two-Dimensional Devices for CMOS and beyond-CMOS Applications. <i>Chemical Reviews</i> , 2022, 122, 50-131.	23.0	46
3	Untying the Bundles of Solution-Synthesized Graphene Nanoribbons for Highly Capacitive Micro-Supercapacitors. <i>Advanced Functional Materials</i> , 2022, 32, 2109543.	7.8	13
4	Tuning interfacial charge transfer in atomically precise nanographene-graphene heterostructures by engineering van der Waals interactions. <i>Journal of Chemical Physics</i> , 2022, 156, 074702.	1.2	5
5	Metal-biomolecule frameworks (BioMOFs): a novel approach for green-optoelectronic applications. <i>Chemical Communications</i> , 2022, 58, 677-680.	2.2	7
6	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices. <i>Nature Communications</i> , 2022, 13, 510.	5.8	19
7	Asymmetric Chemical Functionalization of Top-Contact Electrodes: Tuning the Charge Injection for High-Performance MoS ₂ Field-Effect Transistors and Schottky Diodes. <i>Advanced Materials</i> , 2022, 34, e2109445.	11.1	17
8	Janus 2D materials via asymmetric molecular functionalization. <i>Chemical Science</i> , 2022, 13, 315-328.	3.7	25
9	High-Performance Humidity Sensing in π -Conjugated Molecular Assemblies through the Engineering of Electron/Proton Transport and Device Interfaces. <i>Journal of the American Chemical Society</i> , 2022, 144, 2546-2555.	6.6	17
10	Small Size, Big Impact: Recent Progress in Bottom-Up Synthesized Nanographenes for Optoelectronic and Energy Applications. <i>Advanced Science</i> , 2022, 9, e2106055.	5.6	54
11	Defect Engineering Strategies Toward Controlled Functionalization of Solution-Processed Transition Metal Dichalcogenides. <i>Small Science</i> , 2022, 2, .	5.8	25
12	Two-Dimensional Violet Phosphorus: A p-Type Semiconductor for (Opto)electronics. <i>Journal of the American Chemical Society</i> , 2022, 144, 3660-3666.	6.6	56
13	A robust vertical nanoscaffold for recyclable, paintable, and flexible light-emitting devices. <i>Science Advances</i> , 2022, 8, eabn2225.	4.7	10
14	Dinaphthotetrathienoacenes: Synthesis, Characterization, and Applications in Organic Field-Effect Transistors. <i>Advanced Science</i> , 2022, 9, e2105674.	5.6	6
15	Non-invasive digital etching of van der Waals semiconductors. <i>Nature Communications</i> , 2022, 13, 1844.	5.8	8
16	Schiff base capped gold nanoparticles for transition metal cation sensing in organic media. <i>Chemical Communications</i> , 2022, 58, 5773-5776.	2.2	13
17	Novel thiophene-based donor-acceptor scaffolds as cathodes for rechargeable aqueous zinc-ion hybrid supercapacitors. <i>Chemical Communications</i> , 2022, 58, 6689-6692.	2.2	6
18	Selective Ion Sensing in Artificial Sweat Using Low-Cost Reduced Graphene Oxide Liquid-Gated Plastic Transistors. <i>Small</i> , 2022, 18, .	5.2	10

#	ARTICLE	IF	CITATIONS
19	MoS ₂ Defect Healing for High-Performance Chemical Sensing of Polycyclic Aromatic Hydrocarbons. ACS Nano, 2022, 16, 11234-11243.	7.3	9
20	Molecular Donor-Acceptor Dyads for Efficient Single-Material Organic Solar Cells. Solar Rrl, 2021, 5, 2000653.	3.1	30
21	Harnessing Selectivity and Sensitivity in Ion Sensing via Supramolecular Recognition: A 3D Hybrid Gold Nanoparticle Network Chemiresistor. Advanced Functional Materials, 2021, 31, 2008554.	7.8	10
22	Chemical sensing with Au and Ag nanoparticles. Chemical Society Reviews, 2021, 50, 1269-1304.	18.7	85
23	Harnessing selectivity in chemical sensing via supramolecular interactions: from functionalization of nanomaterials to device applications. Materials Horizons, 2021, 8, 2685-2708.	6.4	18
24	High-sorption terpyridine-graphene oxide hybrid for the efficient removal of heavy metal ions from wastewater. Nanoscale, 2021, 13, 10490-10499.	2.8	16
25	2D materials production and generation of functional inks: general discussion. Faraday Discussions, 2021, 227, 141-162.	1.6	2
26	Synthesis and characterization of ultralong copper sulfide nanowires and their electrical properties. Journal of Materials Chemistry C, 2021, 9, 12133-12140.	2.7	8
27	Multiscale Charge Transport in van der Waals Thin Films: Reduced Graphene Oxide as a Case Study. ACS Nano, 2021, 15, 2654-2667.	7.3	17
28	Functionalized 4,4'-Bipyridines: Synthesis and 2D Organization on Highly Oriented Pyrolytic Graphite. Journal of Organic Chemistry, 2021, 86, 3356-3366.	1.7	5
29	Covalently interconnected transition metal dichalcogenide networks via defect engineering for high-performance electronic devices. Nature Nanotechnology, 2021, 16, 592-598.	15.6	74
30	Analysis of External and Internal Disorder to Understand Band-Like Transport in n-Type Organic Semiconductors. Advanced Materials, 2021, 33, 2007870.	11.1	24
31	Graphene: A Disruptive Opportunity for COVID-19 and Future Pandemics?. Advanced Materials, 2021, 33, e2007847.	11.1	34
32	Chemical Conversion and Locking of the Imine Linkage: Enhancing the Functionality of Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 14236-14250.	7.2	105
33	Au(111) Surface Contamination in Ambient Conditions: Unravelling the Dynamics of the Work Function in Air. Advanced Materials Interfaces, 2021, 8, 2100068.	1.9	12
34	Multiresponsive Nonvolatile Memories Based on Optically Switchable Ferroelectric Organic Field-Effect Transistors. Advanced Materials, 2021, 33, e2007965.	11.1	52
35	Oxidant-dependent antioxidant activity of polydopamine films: The chemistry-morphology interplay. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126134.	2.3	14
36	2D MXene-Molecular Hybrid Additive for High-Performance Ambipolar Polymer Field-Effect Transistors and Logic Gates. Advanced Materials, 2021, 33, e2008215.	11.1	26

#	ARTICLE	IF	CITATIONS
37	Graphene-Based Cementitious Composites: Toward Next-Generation Construction Technologies. <i>Advanced Functional Materials</i> , 2021, 31, 2101887.	7.8	43
38	Ternary-Responsive Field-Effect Transistors and Multilevel Memories Based on Asymmetrically Functionalized Janus Few-Layer WSe_2 . <i>Advanced Functional Materials</i> , 2021, 31, 2102721.	7.8	15
39	Wafer-Scale and Full-Coverage Two-Dimensional Molecular Monolayers Strained by Solvent Surface Tension Balance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26218-26226.	4.0	5
40	Electrochemically Exfoliated Graphene for High-Durability Cement Composites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23000-23010.	4.0	9
41	Molecular Doping of 2D Indium Selenide for Ultrahigh Performance and Low-Power Consumption Broadband Photodetectors. <i>Advanced Functional Materials</i> , 2021, 31, 2103353.	7.8	17
42	Supramolecular engineering of charge transfer in wide bandgap organic semiconductors with enhanced visible-to-NIR photoresponse. <i>Nature Communications</i> , 2021, 12, 3667.	5.8	30
43	Graphene-Based Hybrid Functional Materials. <i>Small</i> , 2021, 17, e2100514.	5.2	31
44	Asymmetric Dressing of WSe_2 with (Macro)molecular Switches: Fabrication of Quaternary-Responsive Transistors. <i>ACS Nano</i> , 2021, 15, 10668-10677.	7.3	14
45	Self-Assembly of Functionalized Lipophilic Guanosines into Cation-Free Stacked Guanine-Quartets. <i>Journal of Organic Chemistry</i> , 2021, 86, 9970-9978.	1.7	2
46	Universal Fabrication of Highly Efficient Plasmonic Thin-Films for Label-Free SERS Detection. <i>Small</i> , 2021, 17, e2100755.	5.2	23
47	Synaptic Plasticity Powering Long-Afterglow Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2021, 33, e2103369.	11.1	23
48	Light-Programmable Logic-in-Memory in 2D Semiconductors Enabled by Supramolecular Functionalization: Photoresponsive Collective Effect of Aligned Molecular Dipoles. <i>ACS Nano</i> , 2021, 15, 13732-13741.	7.3	18
49	Biomedical applications: general discussion. <i>Faraday Discussions</i> , 2021, 227, 245-258.	1.6	2
50	Highly Sensitive Strain Sensors Based on Molecules-Gold Nanoparticles Networks for High-Resolution Human Pulse Analysis. <i>Small</i> , 2021, 17, e2007593.	5.2	47
51	Chemical Conversion and Locking of the Imine Linkage: Enhancing the Functionality of Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 14356-14370.	1.6	22
52	Solution-Processed Graphene-Nanographene van der Waals Heterostructures for Photodetectors with Efficient and Ultralong Charge Separation. <i>Journal of the American Chemical Society</i> , 2021, 143, 17109-17116.	6.6	19
53	Quantum Capacitance through Molecular Infiltration of 7,7,8,8-Tetracyanoquinodimethane in Metal-Organic Framework/Covalent Organic Framework Hybrids. <i>ACS Nano</i> , 2021, 15, 18580-18589.	7.3	30
54	Field-effect-transistor-based ion sensors: ultrasensitive mercury(II) detection via healing MoS_2 defects. <i>Nanoscale</i> , 2021, 13, 19682-19689.	2.8	9

#	ARTICLE	IF	CITATIONS
55	Atomically Thick Membranes for Water Purification and Blue Energy Harvesting. <i>Advanced Functional Materials</i> , 2020, 30, 1902394.	7.8	58
56	The Role of Morphology in Optically Switchable Transistors Based on a Photochromic Molecule/polymer Type Polymer Semiconductor Blend. <i>Advanced Functional Materials</i> , 2020, 30, 1907507.	7.8	20
57	Tetrapodal Diazatriptycene Enforces Orthogonal Orientation in Self-Assembled Monolayers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6565-6572.	4.0	10
58	Phototuning Selectively Hole and Electron Transport in Optically Switchable Ambipolar Transistors. <i>Advanced Functional Materials</i> , 2020, 30, 1908944.	7.8	27
59	Graphene oxide-mesoporous SiO ₂ hybrid composite for fast and efficient removal of organic cationic contaminants. <i>Carbon</i> , 2020, 158, 193-201.	5.4	36
60	Molecular Springs: Integration of Complex Dynamic Architectures into Functional Devices. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7319-7330.	7.2	27
61	Effect of temperature and exfoliation time on the properties of chemically exfoliated MoS ₂ nanosheets. <i>Chemical Communications</i> , 2020, 56, 15573-15576.	2.2	14
62	Organic photodetectors based on supramolecular nanostructures. <i>SmartMat</i> , 2020, 1, .	6.4	91
63	Comparative Effects of Graphene and Molybdenum Disulfide on Human Macrophage Toxicity. <i>Small</i> , 2020, 16, e2002194.	5.2	30
64	Reduced graphene oxide-silsesquioxane hybrid as a novel supercapacitor electrode. <i>Nanoscale</i> , 2020, 12, 18733-18741.	2.8	16
65	Ultrafast and Highly Sensitive Chemically Functionalized Graphene Oxide-Based Humidity Sensors: Harnessing Device Performances via the Supramolecular Approach. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44017-44025.	4.0	28
66	Graphene transistors for real-time monitoring molecular self-assembly dynamics. <i>Nature Communications</i> , 2020, 11, 4731.	5.8	20
67	Molecular Functionalization of Chemically Active Defects in WSe ₂ for Enhanced Optoelectronics. <i>Advanced Functional Materials</i> , 2020, 30, 2005045.	7.8	22
68	Photomodulation of Charge Transport in All-semiconducting 2D-1D van der Waals Heterostructures with Suppressed Persistent Photoconductivity Effect. <i>Advanced Materials</i> , 2020, 32, e2001268.	11.1	20
69	X-ray-Induced Growth Dynamics of Luminescent Silver Clusters in Zeolites. <i>Small</i> , 2020, 16, e2002063.	5.2	14
70	Engineering Optically Switchable Transistors with Improved Performance by Controlling Interactions of Diarylethenes in Polymer Matrices. <i>Journal of the American Chemical Society</i> , 2020, 142, 11050-11059.	6.6	37
71	Harnessing Selectivity and Sensitivity in Electronic Biosensing: A Novel Lab-on-Chip Multigate Organic Transistor. <i>Analytical Chemistry</i> , 2020, 92, 9330-9337.	3.2	33
72	Controlled functionalization of carbon nanodots for targeted intracellular production of reactive oxygen species. <i>Nanoscale Horizons</i> , 2020, 5, 1240-1249.	4.1	36

#	ARTICLE	IF	CITATIONS
73	Nitrogen-Doped Carbon Dots/TiO ₂ Nanoparticle Composites for Photoelectrochemical Water Oxidation. ACS Applied Nano Materials, 2020, 3, 3371-3381.	2.4	71
74	Molecular Approach to Electrochemically Switchable Monolayer MoS ₂ Transistors. Advanced Materials, 2020, 32, e2000740.	11.1	37
75	Synthesis of Robust MOFs@COFs Porous Hybrid Materials via an Aza-Diels-Alder Reaction: Towards High-Performance Supercapacitor Materials. Angewandte Chemie, 2020, 132, 19770-19777.	1.6	13
76	Collective Dipole-Dominated Doping of Monolayer MoS ₂ : Orientation and Magnitude Control via the Supramolecular Approach. Advanced Functional Materials, 2020, 30, 2002846.	7.8	27
77	Synthesis of Robust MOFs@COFs Porous Hybrid Materials via an Aza-Diels-Alder Reaction: Towards High-Performance Supercapacitor Materials. Angewandte Chemie - International Edition, 2020, 59, 19602-19609.	7.2	133
78	Announcing the 2020 ACS Nano Award Lecture Laureates. ACS Nano, 2020, 14, 1213-1215.	7.3	4
79	Molecular Springs: Integration of Complex Dynamic Architectures into Functional Devices. Angewandte Chemie, 2020, 132, 7387-7398.	1.6	10
80	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	2.0	333
81	Simultaneous Optical Tuning of Hole and Electron Transport in Ambipolar WSe ₂ Interfaced with a Bicomponent Photochromic Layer: From High-Mobility Transistors to Flexible Multilevel Memories. Advanced Materials, 2020, 32, e1907903.	11.1	29
82	Simultaneous non-covalent bi-functionalization of 1T-MoS ₂ ruled by electrostatic interactions: towards multi-responsive materials. Chemical Communications, 2020, 56, 6878-6881.	2.2	7
83	Introduction to "Chemistry of 2D materials: graphene and beyond"™. Nanoscale, 2020, 12, 24309-24310.	2.8	7
84	Water-Dispersed High-Quality Graphene: A Green Solution for Efficient Energy Storage Applications. ACS Nano, 2019, 13, 9431-9441.	7.3	33
85	Modulating the Charge Transport in 2D Semiconductors via Energy-Level Phototuning. Advanced Materials, 2019, 31, 1903402.	11.1	30
86	Chemical Synthesis at Surfaces with Atomic Precision: Taming Complexity and Perfection. Angewandte Chemie - International Edition, 2019, 58, 18758-18775.	7.2	14
87	3D hybrid networks of gold nanoparticles: mechanoresponsive electrical humidity sensors with on-demand performances. Nanoscale, 2019, 11, 19319-19326.	2.8	17
88	Chemische Synthese an Oberflächen mit Präzision in atomarer Größenordnung: Beherrschung von Komplexität und Genauigkeit. Angewandte Chemie, 2019, 131, 18932-18951.	1.6	0
89	2D hybrid networks of gold nanoparticles: mechanoresponsive optical humidity sensors. Nanoscale, 2019, 11, 19315-19318.	2.8	15
90	Enhancement of Charge Transport in Polythiophene Semiconducting Polymer by Blending with Graphene Nanoparticles. ChemPlusChem, 2019, 84, 1366-1374.	1.3	3

#	ARTICLE	IF	CITATIONS
91	Liquid-Gated Transistors Based on Reduced Graphene Oxide for Flexible and Wearable Electronics. <i>Advanced Functional Materials</i> , 2019, 29, 1905375.	7.8	37
92	From Supramolecular Chemistry to Complex Chemical Systems. <i>Chemistry - A European Journal</i> , 2019, 25, 13229-13230.	1.7	2
93	Tuning the Optical and Electrical Properties of Few-Layer Black Phosphorus via Physisorption of Small Solvent Molecules. <i>Small</i> , 2019, 15, e1903432.	5.2	21
94	Conjugated Molecules: From Structure to Function. <i>ChemPlusChem</i> , 2019, 84, 1177-1178.	1.3	10
95	Tuning graphene transistors through <i>ad hoc</i> electrostatics induced by a nanometer-thick molecular underlayer. <i>Nanoscale</i> , 2019, 11, 19705-19712.	2.8	13
96	Boosting and Balancing Electron and Hole Mobility in Single- and Bilayer WSe ₂ Devices via Tailored Molecular Functionalization. <i>ACS Nano</i> , 2019, 13, 11613-11622.	7.3	34
97	Dynamic covalent conjugated polymer epitaxy on graphene. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12240-12247.	2.7	7
98	Nonvolatile Memories Based on Graphene and Related 2D Materials. <i>Advanced Materials</i> , 2019, 31, e1806663.	11.1	230
99	Charge transport enhancement in supramolecular oligothiophene assemblies using Pt centers as a guide. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16777-16784.	5.2	8
100	Tailoring the physicochemical properties of solution-processed transition metal dichalcogenides via molecular approaches. <i>Chemical Communications</i> , 2019, 55, 8900-8914.	2.2	22
101	Photomodulation of Two-Dimensional Self-Assembly of Azobenzene-Hexaperi-hexabenzocoronene Azobenzene Triads. <i>Chemistry of Materials</i> , 2019, 31, 6979-6985.	3.2	18
102	A New Class of Rigid Multi(azobenzene) Switches Featuring Electronic Decoupling: Unravelling the Isomerization in Individual Photochromes. <i>Journal of the American Chemical Society</i> , 2019, 141, 9273-9283.	6.6	43
103	Interface Engineering in Organic Devices. <i>Advanced Materials Technologies</i> , 2019, 4, 1900303.	3.0	0
104	Functionalization of 2D Materials with Photosensitive Molecules: From Light-Responsive Hybrid Systems to Multifunctional Devices. <i>Advanced Optical Materials</i> , 2019, 7, 1900286.	3.6	44
105	High-Performance Graphene-Based Cementitious Composites. <i>Advanced Science</i> , 2019, 6, 1801195.	5.6	73
106	Production and Patterning of Liquid Phase-Exfoliated 2D Sheets for Applications in Optoelectronics. <i>Advanced Functional Materials</i> , 2019, 29, 1901126.	7.8	71
107	Persian waxing of graphite: towards green large-scale production of graphene. <i>Chemical Communications</i> , 2019, 55, 5331-5334.	2.2	9
108	A Universal Approach toward Light-Responsive Two-Dimensional Electronics: Chemically Tailored Hybrid van der Waals Heterostructures. <i>ACS Nano</i> , 2019, 13, 4814-4825.	7.3	51

#	ARTICLE	IF	CITATIONS
109	Unconventional Nanofabrication for Supramolecular Electronics. <i>Advanced Materials</i> , 2019, 31, e1900599.	11.1	42
110	Two-dimensional self-assembly and electrical properties of the donor-acceptor tetrathiafulvalene-polychlorotriphenylmethyl radical on graphite substrates. <i>Journal of Applied Physics</i> , 2019, 125, 142909.	1.1	5
111	Nano-Subsidence-Assisted Precise Integration of Patterned Two-Dimensional Materials for High-Performance Photodetector Arrays. <i>ACS Nano</i> , 2019, 13, 2654-2662.	7.3	14
112	Optically switchable organic light-emitting transistors. <i>Nature Nanotechnology</i> , 2019, 14, 347-353.	15.6	139
113	Covalently linked donor-acceptor dyad for efficient single material organic solar cells. <i>Chemical Communications</i> , 2019, 55, 14202-14205.	2.2	30
114	Controlling Ambipolar Transport and Voltage Inversion in Solution-Processed Thin-Film Devices through Polymer Blending. <i>Chemistry of Materials</i> , 2019, 31, 6491-6498.	3.2	17
115	Novel Keplerate type polyoxometalate-surfactant-graphene hybrids as advanced electrode materials for supercapacitors. <i>Energy Storage Materials</i> , 2019, 17, 186-193.	9.5	34
116	Doping of Monolayer Transition-Metal Dichalcogenides via Physisorption of Aromatic Solvent Molecules. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 540-547.	2.1	52
117	Molecule-Graphene Hybrid Materials with Tunable Mechanoresponse: Highly Sensitive Pressure Sensors for Health Monitoring. <i>Advanced Materials</i> , 2019, 31, e1804600.	11.1	159
118	Graphene Oxide Hybrid with Sulfur-Nitrogen Polymer for High-Performance Pseudocapacitors. <i>Journal of the American Chemical Society</i> , 2019, 141, 482-487.	6.6	61
119	Oxacyclic-Fused [1]Benzothieno[3,2-b]benzothiophene Derivatives: Synthesis, Electronic Structure, Electrochemical Properties, Ionisation Potential, and Crystal Structure. <i>ChemPlusChem</i> , 2019, 84, 1263-1269.	1.3	6
120	Phenoxyaluminum(salophen) Scaffolds: Synthesis, Electrochemical Properties, and Self-Assembly at Surfaces of Multifunctional Systems. <i>Chemistry - A European Journal</i> , 2018, 24, 11954-11960.	1.7	12
121	Photoelectrochemical response of carbon dots (CDs) derived from chitosan and their use in electrochemical imaging. <i>Materials Horizons</i> , 2018, 5, 423-428.	6.4	55
122	When 2D Materials Meet Molecules: Opportunities and Challenges of Hybrid Organic/Inorganic van der Waals Heterostructures. <i>Advanced Materials</i> , 2018, 30, e1706103.	11.1	194
123	Imine-Based Architectures at Surfaces and Interfaces: From Self-Assembly to Dynamic Covalent Chemistry in 2D. <i>Chemistry - an Asian Journal</i> , 2018, 13, 465-481.	1.7	36
124	Graphene exfoliation in the presence of semiconducting polymers for improved film homogeneity and electrical performances. <i>Carbon</i> , 2018, 130, 495-502.	5.4	13
125	Graphene oxide-branched polyethylenimine foams for efficient removal of toxic cations from water. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9384-9390.	5.2	84
126	Concentration-dependent supramolecular patterns of C3 and C2 symmetric molecules at the solid/liquid interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 211-216.	2.5	9

#	ARTICLE	IF	CITATIONS
127	Self-Assembly of Functionalized Oligothiophene into Hygroscopic Fibers: Fabrication of Highly Sensitive and Fast Humidity Sensors. <i>Advanced Electronic Materials</i> , 2018, 4, 1700382.	2.6	10
128	Fluorescence Commutation and Surface Photopatterning with Porphyrin Tetrathienylethene Switches. <i>Chemistry - A European Journal</i> , 2018, 24, 1631-1639.	1.7	6
129	Thermal insulation with 2D materials: liquid phase exfoliated vermiculite functional nanosheets. <i>Nanoscale</i> , 2018, 10, 23182-23190.	2.8	40
130	Electronic Decoupling in C ₃ -Symmetrical Light-Responsive Tris(Azobenzene) Scaffolds: Self-Assembly and Multiphotochromism. <i>Journal of the American Chemical Society</i> , 2018, 140, 16062-16070.	6.6	37
131	Self-Suspended Nanomesh Scaffold for Ultrafast Flexible Photodetectors Based on Organic Semiconducting Crystals. <i>Advanced Materials</i> , 2018, 30, e1801181.	11.1	32
132	MoS ₂ nanosheets via electrochemical lithium-ion intercalation under ambient conditions. <i>FlatChem</i> , 2018, 9, 33-39.	2.8	40
133	Chemical sensing with 2D materials. <i>Chemical Society Reviews</i> , 2018, 47, 4860-4908.	18.7	513
134	Nanomaterials properties tuned by their environment: integrating supramolecular concepts into sensing devices. <i>Chemical Society Reviews</i> , 2018, 47, 4675-4676.	18.7	11
135	Modular Preparation of Graphene-Based Functional Architectures through Two-Step Organic Reactions: Towards High-Performance Energy Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 18518-18528.	1.7	21
136	Molecular chemistry approaches for tuning the properties of two-dimensional transition metal dichalcogenides. <i>Chemical Society Reviews</i> , 2018, 47, 6845-6888.	18.7	202
137	Collective molecular switching in hybrid superlattices for light-modulated two-dimensional electronics. <i>Nature Communications</i> , 2018, 9, 2661.	5.8	53
138	Direct Photolithography on Molecular Crystals for High Performance Organic Optoelectronic Devices. <i>Journal of the American Chemical Society</i> , 2018, 140, 6984-6990.	6.6	68
139	(Supra)molecular Approaches to 2D Materials: from Self-Assembly to Molecule-Assisted Liquid-Phase Exfoliation. <i>Microscopy and Microanalysis</i> , 2018, 24, 1572-1573.	0.2	0
140	Self-Assembled Two-Dimensional Supramolecular Networks Characterized by Scanning Tunneling Microscopy and Spectroscopy in Air and under Vacuum. <i>Langmuir</i> , 2018, 34, 7698-7707.	1.6	4
141	Current crowding issues on nanoscale planar organic transistors for spintronic applications. <i>Nanotechnology</i> , 2018, 29, 365201.	1.3	1
142	Fast-Response Photonic Device Based on Organic-Crystal Heterojunctions Assembled into a Vertical-Open Asymmetric Architecture. <i>Advanced Materials</i> , 2017, 29, 1605760.	11.1	21
143	High, Anisotropic, and Substrate-Independent Mobility in Polymer Field-Effect Transistors Based on Preassembled Semiconducting Nanofibrils. <i>ACS Nano</i> , 2017, 11, 2000-2007.	7.3	6
144	Engineering Chemically Active Defects in Monolayer MoS ₂ Transistors via Ion-Beam Irradiation and Their Healing via Vapor Deposition of Alkanethiols. <i>Advanced Materials</i> , 2017, 29, 1606760.	11.1	165

#	ARTICLE	IF	CITATIONS
145	Photoisomerisation and light-induced morphological switching of a polyoxometalate-azobenzene hybrid. <i>Chemical Communications</i> , 2017, 53, 7278-7281.	2.2	20
146	Ultrafast Delamination of Graphite into High-Quality Graphene Using Alternating Currents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6669-6675.	7.2	134
147	Generation of Low-Dimensional Architectures through the Self-Assembly of Pyromellitic Diimide Derivatives. <i>ACS Omega</i> , 2017, 2, 1672-1678.	1.6	6
148	Improving the electrical performance of solution processed oligothiophene thin-film transistors via structural similarity blending. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5048-5054.	2.7	1
149	Ultraschnelle Schichtablösung von Graphit zu qualitativ hochwertigem Graphen durch Nutzung von Wechselstrom. <i>Angewandte Chemie</i> , 2017, 129, 6770-6776.	1.6	11
150	Graphene/Polymer Nanocomposites for Supercapacitors. <i>ChemNanoMat</i> , 2017, 3, 362-372.	1.5	44
151	Periodic potentials in hybrid van der Waals heterostructures formed by supramolecular lattices on graphene. <i>Nature Communications</i> , 2017, 8, 14767.	5.8	68
152	Punctured Two-Dimensional Sheets for Harvesting Blue Energy. <i>ACS Nano</i> , 2017, 11, 10654-10658.	7.3	24
153	Light-Induced Contraction/Expansion of 1D Photoswitchable Metallopolymer Monitored at the Solid-Liquid Interface. <i>Small</i> , 2017, 13, 1701790.	5.2	18
154	Supramolecular Self-Assembly in a Sub-micrometer Electrode Cavity: Fabrication of Heat-Reversible Hydrogel Memristor. <i>Journal of the American Chemical Society</i> , 2017, 139, 14406-14411.	6.6	32
155	Hybrid Copper Nanowire-Reduced Graphene Oxide Coatings: A "Green Solution" Toward Highly Transparent, Highly Conductive, and Flexible Electrodes for (Opto)Electronics. <i>Advanced Materials</i> , 2017, 29, 1703225.	11.1	74
156	Reversible, Fast, and Wide-Range Oxygen Sensor Based on Nanostructured Organometal Halide Perovskite. <i>Advanced Materials</i> , 2017, 29, 1702469.	11.1	127
157	Asymmetric Injection in Organic Transistors via Direct SAM Functionalization of Source and Drain Electrodes. <i>ACS Omega</i> , 2017, 2, 3502-3508.	1.6	11
158	Self-organization of amino-acid-derived NDI assemblies into a nanofibrillar superstructure with humidity sensitive n-type semiconducting properties. <i>Chemical Communications</i> , 2017, 53, 9713-9716.	2.2	13
159	Morphology and Electronic Properties of Electrochemically Exfoliated Graphene. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3347-3355.	2.1	28
160	Exfoliation of Few-Layer Graphene in Volatile Solvents Using Aromatic Perylene Diimide Derivatives as Surfactants. <i>ChemPlusChem</i> , 2017, 82, 358-367.	1.3	18
161	6. Graphene via Molecule-Assisted Ultrasound- Induced Liquid-Phase Exfoliation: A Supramolecular Approach. , 2017, , .		0
162	Graphene via Molecule-Assisted Ultrasound-Induced Liquid-Phase Exfoliation: A Supramolecular Approach. <i>ChemistrySelect</i> , 2016, 1, .	0.7	0

#	ARTICLE	IF	CITATIONS
163	Perchlorination of Coronene Enhances its Propensity for Self-Assembly on Graphene. <i>ChemPhysChem</i> , 2016, 17, 330-330.	1.0	1
164	Supramolecular Approaches to Graphene: From Self-Assembly to Molecule-Assisted Liquid-Phase Exfoliation. <i>Advanced Materials</i> , 2016, 28, 6030-6051.	11.1	154
165	Light-Modulation of the Charge Injection in a Polymer Thin-Film Transistor by Functionalizing the Electrodes with Bistable Photochromic Self-Assembled Monolayers. <i>Advanced Materials</i> , 2016, 28, 6606-6611.	11.1	57
166	Perchlorination of Coronene Enhances its Propensity for Self-Assembly on Graphene. <i>ChemPhysChem</i> , 2016, 17, 352-357.	1.0	24
167	Unraveling Unprecedented Charge Carrier Mobility through Structure Property Relationship of Four Isomers of Didodecyl[1]benzothieno[3,2- <i>b</i>][1]benzothiophene. <i>Advanced Materials</i> , 2016, 28, 7106-7114.	11.1	138
168	Carbon-Passivated Ni Electrodes for Charge Injection in Organic Semiconductors. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500501.	1.9	4
169	Direct Patterning of Organic Functional Polymers through Conventional Photolithography and Noninvasive Cross-Link Agents. <i>Advanced Materials</i> , 2016, 28, 5249-5254.	11.1	17
170	Maßgeschneiderte funktionelle Graphen-Nanokomposite durch einfaches Stapeln, Schneiden und Falten. <i>Angewandte Chemie</i> , 2016, 128, 15698-15700.	1.6	4
171	Self-Assembly of Natural and Unnatural Nucleobases at Surfaces and Interfaces. <i>Small</i> , 2016, 12, 83-95.	5.2	48
172	Graphene: Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications (<i>Small</i> 8/2016). <i>Small</i> , 2016, 12, 1108-1108.	5.2	1
173	Silver-induced reconstruction of an adeninate-based metal-organic framework for encapsulation of luminescent adenine-stabilized silver clusters. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4259-4268.	2.7	22
174	Waveguide and Plasmonic Absorption-Induced Transparency. <i>ACS Nano</i> , 2016, 10, 4570-4578.	7.3	16
175	High-Performance Phototransistors Based on PDIF-CN ₂ Solution-Processed Single Fiber and Multifiber Assembly. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9829-9838.	4.0	33
176	Design, synthesis, chemical stability, packing, cyclic voltammetry, ionisation potential, and charge transport of [1]benzothieno[3,2- <i>b</i>][1]benzothiophene derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4863-4879.	2.7	33
177	Chemical Tailoring of Functional Graphene-Based Nanocomposites by Simple Stacking, Cutting, and Folding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15472-15474.	7.2	8
178	Chemical Approaches to 2D Materials. <i>Advanced Materials</i> , 2016, 28, 6027-6029.	11.1	46
179	Discrete polygonal supramolecular architectures of isocytosine-based Pt(II) complexes at the solution/graphite interface. <i>Chemical Communications</i> , 2016, 52, 11163-11166.	2.2	8
180	Modifying the Size of Ultrasound-Induced Liquid-Phase Exfoliated Graphene: From Nanosheets to Nanodots. <i>ACS Nano</i> , 2016, 10, 10768-10777.	7.3	51

#	ARTICLE	IF	CITATIONS
181	2D Materials Beyond Graphene for High-Performance Energy Storage Applications. <i>Advanced Energy Materials</i> , 2016, 6, 1600671.	10.2	436
182	A nanomesh scaffold for supramolecular nanowire optoelectronic devices. <i>Nature Nanotechnology</i> , 2016, 11, 900-906.	15.6	72
183	Light-enhanced liquid-phase exfoliation and current photoswitching in graphene-azobenzene composites. <i>Nature Communications</i> , 2016, 7, 11090.	5.8	97
184	Coupling carbon nanomaterials with photochromic molecules for the generation of optically responsive materials. <i>Nature Communications</i> , 2016, 7, 11118.	5.8	217
185	Photoresponse of supramolecular self-assembled networks on graphene-diamond interfaces. <i>Nature Communications</i> , 2016, 7, 10700.	5.8	40
186	Atomically Precise Prediction of 2D Self-Assembly of Weakly Bonded Nanostructures: STM Insight into Concentration-Dependent Architectures. <i>Small</i> , 2016, 12, 343-350.	5.2	33
187	Tuning the energetics and tailoring the optical properties of silver clusters confined in zeolites. <i>Nature Materials</i> , 2016, 15, 1017-1022.	13.3	153
188	Coherent Coupling of WS ₂ Monolayers with Metallic Photonic Nanostructures at Room Temperature. <i>Nano Letters</i> , 2016, 16, 4368-4374.	4.5	256
189	Flexible non-volatile optical memory thin-film transistor device with over 256 distinct levels based on an organic bicomponent blend. <i>Nature Nanotechnology</i> , 2016, 11, 769-775.	15.6	300
190	Molecular design driving tetraporphyrin self-assembly on graphite: a joint STM, electrochemical and computational study. <i>Nanoscale</i> , 2016, 8, 13678-13686.	2.8	19
191	Electrochemical Functionalization of Graphene at the Nanoscale with Self-Assembling Diazonium Salts. <i>ACS Nano</i> , 2016, 10, 7125-7134.	7.3	132
192	Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications. <i>Small</i> , 2016, 12, 1044-1052.	5.2	25
193	Liquid-Phase Exfoliation of Graphite into Single- and Few-Layer Graphene with \pm -Functionalized Alkanes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2714-2721.	2.1	73
194	Hybrid Organic/Photochromic Approaches to Generate Multifunctional Materials, Interfaces, and Devices. , 2016, , 243-280.		0
195	Degradation of Methylammonium Lead Iodide Perovskite Structures through Light and Electron Beam Driven Ion Migration. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 561-566.	2.1	234
196	Optical Input/Electrical Output Memory Elements based on a Liquid Crystalline Azobenzene Polymer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6563-6569.	4.0	25
197	Influence of the supramolecular order on the electrical properties of 1D coordination polymers based materials. <i>Nanoscale</i> , 2016, 8, 2386-2394.	2.8	8
198	Charge transport and mobility engineering in two-dimensional transition metal chalcogenide semiconductors. <i>Chemical Society Reviews</i> , 2016, 45, 118-151.	18.7	423

#	ARTICLE	IF	CITATIONS
199	Enhancing the Liquid-Phase Exfoliation of Graphene in Organic Solvents upon Addition of n-Octylbenzene. <i>Scientific Reports</i> , 2015, 5, 16684.	1.6	79
200	Optically switchable transistors by simple incorporation of photochromic systems into small-molecule semiconducting matrices. <i>Nature Communications</i> , 2015, 6, 6330.	5.8	162
201	Modulating the charge injection in organic field-effect transistors: fluorinated oligophenyl self-assembled monolayers for high work function electrodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3007-3015.	2.7	62
202	A Multifunctional Polymer-Graphene Thin-Film Transistor with Tunable Transport Regimes. <i>ACS Nano</i> , 2015, 9, 2357-2367.	7.3	31
203	The dramatic effect of the annealing temperature and dielectric functionalization on the electron mobility of indene-C ₆₀ bis-adduct thin films. <i>Chemical Communications</i> , 2015, 51, 5414-5417.	2.2	7
204	Surface-Induced Selection During In-Situ Photoswitching at the Solid/Liquid Interface. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4865-4869.	7.2	48
205	Nanopatterning of Surfaces with Monometallic and Heterobimetallic 1D Coordination Polymers: A Molecular Tectonics Approach at the Solid/Liquid Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 8450-8459.	6.6	32
206	Au nanoparticle scaffolds modulating intermolecular interactions among the conjugated azobenzenes chemisorbed on curved surfaces: tuning the kinetics of <i>cis</i> → <i>trans</i> isomerisation. <i>Nanoscale</i> , 2015, 7, 13836-13839.	2.8	17
207	Self-Assembly of an Amphiphilic Conjugated Dyad into Fibers: Ultrafast and Ultrasensitive Humidity Sensor. <i>Advanced Materials</i> , 2015, 27, 3170-3174.	11.1	75
208	The Relationship between Structural and Electrical Characteristics in Perylenecarboxydiimide-Based Nanoarchitectures. <i>Advanced Functional Materials</i> , 2015, 25, 2501-2510.	7.8	25
209	Dispersibility-Dependent Biodegradation of Graphene Oxide by Myeloperoxidase. <i>Small</i> , 2015, 11, 3985-3994.	5.2	215
210	Guanosine-based hydrogen-bonded 2D scaffolds: metal-free formation of G-quartet and G-ribbon architectures at the solid/liquid interface. <i>Chemical Communications</i> , 2015, 51, 11677-11680.	2.2	38
211	Two-dimensional soft supramolecular networks. <i>Chemical Communications</i> , 2015, 51, 17297-17300.	2.2	12
212	Organic Radical-Assisted Electrochemical Exfoliation for the Scalable Production of High-Quality Graphene. <i>Journal of the American Chemical Society</i> , 2015, 137, 13927-13932.	6.6	288
213	Self-assembly of diphenylalanine backbone homologues and their combination with functionalized carbon nanotubes. <i>Nanoscale</i> , 2015, 7, 15873-15879.	2.8	42
214	A Supramolecular Strategy to Leverage the Liquid-Phase Exfoliation of Graphene in the Presence of Surfactants: Unraveling the Role of the Length of Fatty Acids. <i>Small</i> , 2015, 11, 1691-1702.	5.2	87
215	Also disorder can improve thin film transistor performance. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s521-s521.	0.0	0
216	Electronic characterization of supramolecular materials at the nanoscale by Conductive Atomic Force and Kelvin Probe Force microscopies. <i>Materials Today</i> , 2014, 17, 504-517.	8.3	49

#	ARTICLE	IF	CITATIONS
217	High Mobility in Solution-Processed 2,7-Dialkyl[1]benzothieno[3,2-b][1]benzothiophene-Based Field-Effect Transistors Prepared with a Simplified Deposition Method. <i>ChemPlusChem</i> , 2014, 79, 371-374.	1.3	14
218	Exfoliation of graphene with an industrial dye: teaching an old dog new tricks. <i>2D Materials</i> , 2014, 1, 035006.	2.0	11
219	Graphene via sonication assisted liquid-phase exfoliation. <i>Chemical Society Reviews</i> , 2014, 43, 381-398.	18.7	976
220	Graphene nanoribbon blends with P3HT for organic electronics. <i>Nanoscale</i> , 2014, 6, 6301-6314.	2.8	85
221	Charge Transport Over Multiple Length Scales in Supramolecular Fiber Transistors: Single Fiber Versus Ensemble Performance. <i>Advanced Materials</i> , 2014, 26, 430-435.	11.1	29
222	25th Anniversary Article: Organic Electronics Marries Photochromism: Generation of Multifunctional Interfaces, Materials, and Devices. <i>Advanced Materials</i> , 2014, 26, 1827-1845.	11.1	259
223	Titanium Dioxide Mesoporous Electrodes for Solid-State Dye-Sensitized Solar Cells: Cross-Analysis of the Critical Parameters. <i>Advanced Energy Materials</i> , 2014, 4, 1301362.	10.2	7
224	Molecular Wires: Nanoscale Electrical Investigation of Layer-by-Layer Grown Molecular Wires (Adv.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	11.1	6
225	Nanoscale Electrical Investigation of Layer-by-Layer Grown Molecular Wires. <i>Advanced Materials</i> , 2014, 26, 1688-1693.	11.1	36
226	The role of size and coating in Au nanoparticles incorporated into bi-component polymeric thin-film transistors. <i>Nanoscale</i> , 2014, 6, 5075-5080.	2.8	4
227	Leveraging the Ambipolar Transport in Polymeric Field-Effect Transistors via Blending with Liquid-Phase Exfoliated Graphene. <i>Advanced Materials</i> , 2014, 26, 4814-4819.	11.1	27
228	Solution-Processed Field-Effect Transistors Based on Dihexylquaterthiophene Films with Performances Exceeding Those of Vacuum-Sublimed Films. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21248-21255.	4.0	12
229	Light-induced reversible modification of the work function of a new perfluorinated biphenyl azobenzene chemisorbed on Au (111). <i>Nanoscale</i> , 2014, 6, 8969-8977.	2.8	31
230	Elucidating the nanoscale origins of organic electronic function by conductive atomic force microscopy. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3118-3128.	2.7	46
231	Graphene-Induced Enhancement of n-Type Mobility in Perylene diimide Thin Films. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24819-24826.	1.5	16
232	Enhancing the Charge Transport in Solution-Processed Perylene Diimide Transistors via Thermal Annealing of Metastable Disordered Films. <i>Advanced Functional Materials</i> , 2014, 24, 5503-5510.	7.8	27
233	Molecular tectonics based nanopatterning of interfaces with 2D metal-organic frameworks (MOFs). <i>Chemical Communications</i> , 2014, 50, 12250-12253.	2.2	40
234	Harnessing the Liquid-Phase Exfoliation of Graphene Using Aliphatic Compounds: A Supramolecular Approach. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10355-10361.	7.2	92

#	ARTICLE	IF	CITATIONS
235	Dynamic covalent chemistry of bisimines at the solid/liquid interface monitored by scanning tunnelling microscopy. <i>Nature Chemistry</i> , 2014, 6, 1017-1023.	6.6	124
236	Photoswitching Azobenzene Derivatives in Single Molecule Junctions: A Theoretical Insight into the Characteristics. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18721-18729.	1.5	32
237	Isothermal Titration Calorimetry Study of a Bistable Supramolecular System: Reversible Complexation of Cryptand[2.2.2] with Potassium Ions. <i>ChemPhysChem</i> , 2014, 15, 2743-2748.	1.0	0
238	Large Work Function Shift of Gold Induced by a Novel Perfluorinated Azobenzene-Based Self-Assembled Monolayer. <i>Advanced Materials</i> , 2013, 25, 432-436.	11.1	93
239	Controlling the morphology of conductive PEDOT by in situ electropolymerization: from thin films to nanowires with variable electrical properties. <i>Nanoscale</i> , 2013, 5, 7756.	2.8	23
240	Effect of the molecular weight of the polymer gate dielectric on the performances of solution-processed ambipolar OTFTs. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7725.	2.7	13
241	Quantitative Analysis of Scanning Tunneling Microscopy Images of Mixed-Ligand-Functionalized Nanoparticles. <i>Langmuir</i> , 2013, 29, 13723-13734.	1.6	32
242	Self-Assembly of N ³ -Substituted Xanthenes in the Solid State and at the Solid-Liquid Interface. <i>Langmuir</i> , 2013, 29, 7283-7290.	1.6	15
243	Orthogonal self-assembly and selective solvent vapour annealing: simplified processing of a photovoltaic blend. <i>Chemical Communications</i> , 2013, 49, 4322.	2.2	7
244	Nanoscale insight into the exfoliation mechanism of graphene with organic dyes: effect of charge, dipole and molecular structure. <i>Nanoscale</i> , 2013, 5, 4205.	2.8	116
245	Concentration-Dependent Supramolecular Engineering of Hydrogen-Bonded Nanostructures at Surfaces: Predicting Self-Assembly in 2D. <i>Journal of the American Chemical Society</i> , 2013, 135, 6942-6950.	6.6	153
246	Supramolecular H-bonded porous networks at surfaces: exploiting primary and secondary interactions in a bi-component melamine-xanthine system. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12442.	1.3	17
247	Tuning the Work Function Via Strong Coupling. <i>Advanced Materials</i> , 2013, 25, 2481-2485.	11.1	177
248	Gated Systems for Multifunctional Optoelectronic Devices. <i>Advanced Materials</i> , 2013, 25, 301-301.	11.1	1
249	Nanopatterning the Surface with Ordered Supramolecular Architectures: Controlling the Self-assembly of Guanine-based Hydrogen-bonded Motifs. , 2012, , 40-47.		0
250	Self-assembly and electrical properties of a novel heptameric thiophene-benzothiadiazole based architectures. <i>Chemical Communications</i> , 2012, 48, 12162.	2.2	15
251	Tuning the Photoresponse in Organic Field-Effect Transistors. <i>Journal of the American Chemical Society</i> , 2012, 134, 2429-2433.	6.6	96
252	Conformationally pre-organized and pH-responsive flat dendrons: synthesis and self-assembly at the liquid-solid interface. <i>Nanoscale</i> , 2012, 4, 467-472.	2.8	29

#	ARTICLE	IF	CITATIONS
253	Optically switchable organic field-effect transistors based on photoresponsive gold nanoparticles blended with poly(3-hexylthiophene). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12375-12380.	3.3	70
254	Photoconductive and supramolecularly engineered organic field-effect transistors based on fibres from donor-acceptor dyads. <i>Nanoscale</i> , 2012, 4, 1677.	2.8	17
255	Enhanced mobility in P3HT-based OTFTs upon blending with a phenylene-thiophene-phenylene small molecule. <i>Chemical Communications</i> , 2012, 48, 1562-1564.	2.2	29
256	Improving charge transport in poly(3-hexylthiophene) transistors via blending with an alkyl-substituted phenylene-thiophene-phenylene molecule. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 642-649.	2.4	6
257	A Quaterthiophene-Based Rotaxane: Synthesis, Spectroscopy, and Self-Assembly at Surfaces. <i>Small</i> , 2012, 8, 1835-1839.	5.2	7
258	Predicting self-assembly: from empirism to determinism. <i>Chemical Society Reviews</i> , 2012, 41, 3713.	18.7	179
259	Ambipolar organic field-effect transistors with balanced mobilities through solvent vapour annealing induced phase-separation of bi-component mixtures. <i>Journal of Materials Chemistry</i> , 2012, 22, 9509.	6.7	20
260	Charge transport in fibre-based perylene-diimide transistors: effect of the alkyl substitution and processing technique. <i>Nanoscale</i> , 2012, 4, 2387.	2.8	36
261	Multiscale Charge Injection and Transport Properties in Self-Assembled Monolayers of Biphenyl Thiols with Varying Torsion Angles. <i>Chemistry - A European Journal</i> , 2012, 18, 10335-10347.	1.7	30
262	Optically switchable transistor via energy-level phototuning in a bicomponent organic semiconductor. <i>Nature Chemistry</i> , 2012, 4, 675-679.	6.6	217
263	H-Bonding Tuned Self-Assembly of Phenylene-Thiophene-Phenylene Derivatives at Surfaces: Structural and Electrical Studies. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9753-9759.	1.5	14
264	Modulating the self-assembly of rigid dendrimers at the solid-liquid interface by tuning non-covalent interactions between side groups. <i>Chemical Communications</i> , 2011, 47, 10578.	2.2	26
265	Graphene Transistors via in Situ Voltage-Induced Reduction of Graphene-Oxide under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 14320-14326.	6.6	55
266	Charge transport in graphene-polythiophene blends as studied by Kelvin Probe Force Microscopy and transistor characterization. <i>Journal of Materials Chemistry</i> , 2011, 21, 2924.	6.7	127
267	Nanopatterning the graphite surface with ordered macrocyclic or ribbon-like assemblies of isocytosine derivatives: an STM study. <i>CrystEngComm</i> , 2011, 13, 5535.	1.3	11
268	Self-templating 2D supramolecular networks: a new avenue to reach control over a bilayer formation. <i>Nanoscale</i> , 2011, 3, 4125.	2.8	46
269	Supramolecular assembly/reassembly processes: molecular motors and dynamers operating at surfaces. <i>Nanoscale</i> , 2011, 3, 1397.	2.8	53
270	Blueprinting macromolecular electronics. <i>Nature Chemistry</i> , 2011, 3, 431-436.	6.6	158

#	ARTICLE	IF	CITATIONS
271	Rigid Dimers Formed through Strong Interdigitated H-Bonds Yield Compact 1D Supramolecular Helical Polymers. <i>Small</i> , 2011, 7, 342-350.	5.2	21
272	Local Surface Potential of π -Conjugated Nanostructures by Kelvin Probe Force Microscopy: Effect of the Sampling Depth. <i>Small</i> , 2011, 7, 634-639.	5.2	20
273	Supramolecular Polymers: Rigid Dimers Formed through Strong Interdigitated H-Bonds Yield Compact 1D Supramolecular Helical Polymers (<i>Small</i> 3/2011). <i>Small</i> , 2011, 7, 286-286.	5.2	0
274	Self-Assembled Conjugated Thiophene-Based Rotaxane Architectures: Structural, Computational, and Spectroscopic Insights into Molecular Aggregation. <i>Advanced Functional Materials</i> , 2011, 21, 834-844.	7.8	24
275	Non-conventional Processing and Post-processing Methods for the Nanostructuring of Conjugated Materials for Organic Electronics. <i>Advanced Functional Materials</i> , 2011, 21, 1279-1295.	7.8	81
276	Mastering Self-Organization of Functional Materials at Different Length Scale. <i>Advanced Functional Materials</i> , 2011, 21, 1210-1211.	7.8	3
277	Organic Electronics: Non-conventional Processing and Post-processing Methods for the Nanostructuring of Conjugated Materials for Organic Electronics (<i>Adv. Funct. Mater.</i> 7/2011). <i>Advanced Functional Materials</i> , 2011, 21, 1206-1206.	7.8	1
278	Optical Modulation of the Charge Injection in an Organic Field-Effect Transistor Based on Photochromic Self-Assembled Monolayer-Functionalized Electrodes. <i>Advanced Materials</i> , 2011, 23, 1447-1452.	11.1	140
279	Enhanced luminescence properties of highly threaded conjugated polyelectrolytes with potassium counter-ions upon blending with poly(ethylene oxide). <i>Journal of Applied Physics</i> , 2010, 107, 124509.	1.1	16
280	Adsorption of Aromatic and Anti-Aromatic Systems on Graphene through π - π Stacking. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3407-3412.	2.1	344
281	Macromolecular Scaffolding: The Relationship Between Nanoscale Architecture and Function in Multichromophoric Arrays for Organic Electronics. <i>Advanced Materials</i> , 2010, 22, E81-8.	11.1	39
282	Towards Supramolecular Engineering of Functional Nanomaterials: Pre-Programming Multi-Component 2D Self-Assembly at Solid-Liquid Interfaces. <i>Advanced Materials</i> , 2010, 22, 3506-3520.	11.1	276
283	Bottom-Up Fabricated Asymmetric Electrodes for Organic Electronics. <i>Advanced Materials</i> , 2010, 22, 5018-5023.	11.1	27
284	A Conjugated Thiophene-Based Rotaxane: Synthesis, Spectroscopy, and Modeling. <i>Chemistry - A European Journal</i> , 2010, 16, 3933-3941.	1.7	29
285	Photoswitching Vertically Oriented Azobenzene Self-Assembled Monolayers at the Solid-Liquid Interface. <i>Chemistry - A European Journal</i> , 2010, 16, 14256-14260.	1.7	70
286	Dynamers at the Solid-Liquid Interface: Controlling the Reversible Assembly/Reassembly Process between Two Highly Ordered Supramolecular Guanine Motifs. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1963-1966.	7.2	156
287	Facile covalent functionalization of graphene oxide using microwaves: bottom-up development of functional graphitic materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 9052.	6.7	82
288	Local Current Mapping and Patterning of Reduced Graphene Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 14130-14136.	6.6	140

#	ARTICLE	IF	CITATIONS
289	Synthesis, Characterization, and Surface Initiated Polymerization of Carbazole Functionalized Isocyanides. <i>Chemistry of Materials</i> , 2010, 22, 2597-2607.	3.2	27
290	Nanoscale Quantitative Measurement of the Potential of Charged Nanostructures by Electrostatic and Kelvin Probe Force Microscopy: Unraveling Electronic Processes in Complex Materials. <i>Accounts of Chemical Research</i> , 2010, 43, 541-550.	7.6	167
291	Solvent vapour annealing of organic thin films: controlling the self-assembly of functional systems across multiple length scales. <i>Journal of Materials Chemistry</i> , 2010, 20, 2493.	6.7	63
292	Tuning the charge injection of P3HT-based organic thin-film transistors through electrode functionalization with oligophenylene SAMs. <i>Journal of Materials Chemistry</i> , 2010, 20, 10798.	6.7	27
293	Atomistic Simulations of 2D Bicomponent Self-Assembly: From Molecular Recognition to Self-Healing. <i>Journal of the American Chemical Society</i> , 2010, 132, 17880-17885.	6.6	76
294	Solidâ€“solid transfer of organic semiconductors for field-effect transistor fabrication. <i>Journal of Materials Chemistry</i> , 2010, 20, 9018.	6.7	13
295	Light-responsive reversible solvation and precipitation of gold nanoparticles. <i>Chemical Communications</i> , 2010, 46, 1147-1149.	2.2	60
296	Nanopatterning the surface with ordered supramolecular architectures of N9-alkylated guanines: STM reveals. <i>Chemical Communications</i> , 2010, 46, 4493.	2.2	26
297	Phase separation and affinity between a fluorinated perylene diimide dye and an alkyl-substituted hexa-peri-hexabenzocoronene. <i>Journal of Materials Chemistry</i> , 2010, 20, 71-82.	6.7	28
298	Selective Formation of Biâ€“Component Arrays Through Hâ€“Bonding of Multivalent Molecular Modules. <i>Advanced Functional Materials</i> , 2009, 19, 1207-1214.	7.8	26
299	Selfâ€“Assembly of a Donorâ€“Acceptor Dyad Across Multiple Length Scales: Functional Architectures for Organic Electronics. <i>Advanced Functional Materials</i> , 2009, 19, 2486-2494.	7.8	138
300	Molecular Tectonics at the Solid/Liquid Interface: Controlling the Nanoscale Geometry, Directionality, and Packing of 1D Coordination Networks on Graphite Surfaces. <i>Advanced Materials</i> , 2009, 21, 1131-1136.	11.1	42
301	Supramolecular Crystal Engineering at the Solidâ€“Liquid Interface from First Principles: Toward Unraveling the Thermodynamics of 2D Selfâ€“Assembly. <i>Advanced Materials</i> , 2009, 21, 1383-1386.	11.1	39
302	Taming Complexity: From Supramolecules to Suprafuctions. <i>Advanced Materials</i> , 2009, 21, 1037-1040.	11.1	0
303	â€œHelterâ€“Skelterâ€“Likeâ€“Perylene Polyisocyanopeptides. <i>Chemistry - A European Journal</i> , 2009, 15, 2536-2547.	1.7	64
304	Modulating Largeâ€“Area Selfâ€“Assembly at the Solidâ€“Liquid Interface by pHâ€“Mediated Conformational Switching. <i>Chemistry - A European Journal</i> , 2009, 15, 4788-4792.	1.7	53
305	Selfâ€“Assembly of Alkoxyâ€“Substituted Bis(hydrazone)â€“Based Organic Ligands and of a Metallosupramolecular Grid on Graphite. <i>ChemPhysChem</i> , 2009, 10, 699-705.	1.0	27
306	STM Insight into Hydrogenâ€“Bonded Bicomponent 1â€“D Supramolecular Polymers with Controlled Geometries at the Liquidâ€“Solid Interface. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2039-2043.	7.2	67

#	ARTICLE	IF	CITATIONS
307	Large-area bi-component processing of organic semiconductors by spray deposition and spin coating with orthogonal solvents. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 15-20.	1.1	12
308	Temperature-Enhanced Solvent Vapor Annealing of a C_{30} Symmetric Hexa-peri-hexabenzocoronene: Controlling the Self-Assembly from Nano- to Macroscale. <i>Small</i> , 2009, 5, 112-119.	5.2	51
309	Competitive Physisorption Among Alkyl-Substituted Conjugated Oligomers at the Solid-Liquid Interface: Towards Prediction of Self-Assembly at Surfaces from a Multicomponent Solution. <i>Small</i> , 2009, 5, 1521-1526.	5.2	24
310	Single-Molecule Wires Get a Lift. <i>Small</i> , 2009, 5, 1927-1930.	5.2	1
311	The Relationship between Nanoscale Architecture and Charge Transport in Conjugated Nanocrystals Bridged by Multichromophoric Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 7055-7063.	6.6	52
312	Photoinduced structural modifications in multicomponent architectures containing azobenzene moieties as photoswitchable cores. <i>Journal of Materials Chemistry</i> , 2009, 19, 4715.	6.7	47
313	Engineering of Supramolecular H-Bonded Nanopolygons via Self-Assembly of Programmed Molecular Modules. <i>Journal of the American Chemical Society</i> , 2009, 131, 509-520.	6.6	105
314	Tailoring Bicomponent Supramolecular Nanoporous Networks: Phase Segregation, Polymorphism, and Glasses at the Solid-Liquid Interface. <i>Journal of the American Chemical Society</i> , 2009, 131, 13062-13071.	6.6	134
315	Influence of π - π stacking on the self-assembly and coiling of multi-chromophoric polymers based on perylenebis(dicarboximides): an AFM study. <i>Soft Matter</i> , 2009, 5, 4680.	1.2	10
316	High-Contrast Visualization of Graphene Oxide on Dye-Sensitized Glass, Quartz, and Silicon by Fluorescence Quenching. <i>Journal of the American Chemical Society</i> , 2009, 131, 15576-15577.	6.6	280
317	Subnanometer-Resolved Patterning of Bicomponent Self-Assembled Monolayers on Au(111). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2484-2488.	7.2	22
318	Light-Powered Electrical Switch Based on Cargo-Lifting Azobenzene Monolayers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3407-3409.	7.2	276
319	Single Component Self-Assembled Monolayers of Aromatic Azo-Biphenyl: Influence of the Packing Tightness on the SAM Structure and Light-Induced Molecular Movements. <i>Advanced Functional Materials</i> , 2008, 18, 2972-2983.	7.8	78
320	Electronic Transport Properties of Ensembles of Perylene-Substituted Polyisocyanopeptide Arrays. <i>Advanced Functional Materials</i> , 2008, 18, 3947-3955.	7.8	70
321	Guanosine-based Hydrogen-bonded Scaffolds: Controlling the Assembly of Oligothiophenes. <i>Advanced Materials</i> , 2008, 20, 2433-2438.	11.1	90
322	Photovoltaic Charge Generation Visualized at the Nanoscale: A Proof of Principle. <i>Journal of the American Chemical Society</i> , 2008, 130, 780-781.	6.6	120
323	Self-assembly of hydrogen-bond assisted supramolecular azatriphenylene architectures. <i>Soft Matter</i> , 2008, 4, 303-310.	1.2	21
324	Azobenzenes as Light-Controlled Molecular Electronic Switches in Nanoscale Metal-Molecule-Metal Junctions. <i>Journal of the American Chemical Society</i> , 2008, 130, 9192-9193.	6.6	257

#	ARTICLE	IF	CITATIONS
325	Exploring Electronic Transport in Molecular Junctions by Conducting Atomic Force Microscopy. <i>Topics in Current Chemistry</i> , 2008, 285, 157-202.	4.0	21
326	The Relationship between Nanoscale Architecture and Function in Photovoltaic Multichromophoric Arrays as Visualized by Kelvin Probe Force Microscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 14605-14614.	6.6	85
327	Self-assembly of discotic molecules into mesoscopic crystals by solvent-vapour annealing. <i>Soft Matter</i> , 2008, 4, 2064.	1.2	54
328	Pre-programmed bicomponent porous networks at the solid-liquid interface: the low concentration regime. <i>Chemical Communications</i> , 2008, , 5289.	2.2	69
329	Tip-Sample Interactions in Kelvin Probe Force Microscopy: Quantitative Measurement of the Local Surface Potential. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17368-17377.	1.5	62
330	Cooperative light-induced molecular movements of highly ordered azobenzene self-assembled monolayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9937-9942.	3.3	273
331	Unconventional nanotubes self-assembled in alumina channels: morphology and surface potential of isolated nanostructures at surfaces. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1577-1588.	1.6	3
332	Scanning force microscopy and optical spectroscopy of phase-segregated thin films of poly(9,9-dioctylfluorene-alt-benzothiadiazole) and poly(ethylene oxide). <i>Journal of Materials Chemistry</i> , 2007, 17, 1387-1391.	6.7	16
333	Exploring nanoscale electrical and electronic properties of organic and polymeric functional materials by atomic force microscopy based approaches. <i>Chemical Communications</i> , 2007, , 3326.	2.2	42
334	Self-Assembly of an Alkylated Guanosine Derivative into Ordered Supramolecular Nanoribbons in Solution and on Solid Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 3757-3764.	1.7	53
335	Molecular Tectonics on Surfaces: Bottom-Up Fabrication of 1D Coordination Networks That Form 1D and 2D Arrays on Graphite. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 245-249.	7.2	110
336	Molecular Self-Assembly across Multiple Length Scales. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4428-4432.	7.2	181
337	Ultrathin π -Conjugated Polymer Films for Simple Fabrication of Large-Area Molecular Junctions. <i>ChemPhysChem</i> , 2007, 8, 515-518.	1.0	43
338	Scanning Probe Microscopy Investigation of Self-Organized Perylenetetracarboxydiimide Nanostructures at Surfaces: Structural and Electronic Properties. <i>Small</i> , 2007, 3, 161-167.	5.2	25
339	Multicomponent Monolayer Architectures at the Solid-Liquid Interface: Towards Controlled Space-Confined Properties and Reactivity of Functional Building Blocks. <i>Small</i> , 2007, 3, 190-194.	5.2	80
340	Functional polymers: scanning force microscopy insights. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3927-3938.	1.3	43
341	Self-organized nanofibers from a giant nanographene: effect of solvent and deposition method. <i>Journal of Materials Chemistry</i> , 2006, 16, 266-271.	6.7	41
342	Reversible Interconversion between a Supramolecular Polymer and a Discrete Octameric Species from a Guanosine Derivative by Dynamic Cation Binding and Release. <i>Organic Letters</i> , 2006, 8, 3125-3128.	2.4	45

#	ARTICLE	IF	CITATIONS
343	Atomic Force Microscopy-Based Single-Molecule Force Spectroscopy of Synthetic Supramolecular Dimers and Polymers. , 2006, , 315-353.		10
344	Influence of the Side Functionalization of Quinquethiophene-S,S-Dioxides on the Morphology of Blends with Poly(3-hexylthiophene): Scanning Force Microscopy Reveals. Journal of Nanoscience and Nanotechnology, 2006, 6, 1673-1677.	0.9	1
345	STM Investigation of Alkylated Thiotriphenylene Monolayers at the Solid-Liquid Interface: Structure and Dynamics. Australian Journal of Chemistry, 2006, 59, 376.	0.5	7
346	Processing of giant graphene molecules by soft-landing mass spectrometry. Nature Materials, 2006, 5, 276-280.	13.3	172
347	Nanoscale Structural and Electronic Properties of Ultrathin Blends of Two Polyaromatic Molecules: A Kelvin Probe Force Microscopy Investigation. ChemPhysChem, 2006, 7, 847-853.	1.0	10
348	Influence of Molecular Order on the Local Work Function of Nanographene Architectures: A Kelvin-Probe Force Microscopy Study. ChemPhysChem, 2005, 6, 2371-2375.	1.0	36
349	Pyrazolino[60]fullerene-Oligophenylenevinylene Dumbbell-Shaped Arrays: Synthesis, Electrochemistry, Photophysics, and Self-Assembly on Surfaces. Chemistry - A European Journal, 2005, 11, 4405-4415.	1.7	45
350	Exploring Supramolecular Interactions and Architectures by Scanning Force Microscopies. ChemInform, 2005, 36, no.	0.1	1
351	Exploring supramolecular interactions and architectures by scanning force microscopies. Chemical Society Reviews, 2005, 34, 551.	18.7	80
352	SFM Characterization of Poly(isocyanodipeptide) Single Polymer Chains in Controlled Environments: Effect of Tip Adhesion and Chain Swelling. Macromolecules, 2005, 38, 473-480.	2.2	49
353	Influence of the solvent on the aggregation of a poly(3-hexylthiophene)-quinquethiophene-S,S-dioxide blend at surfaces: an SFM study. Journal of Materials Chemistry, 2005, 15, 1704.	6.7	14
354	All-thiophene donor-acceptor blends: photophysics, morphology and photoresponse. Journal of Materials Chemistry, 2005, 15, 895-901.	6.7	20
355	Supramolecular architectures. Materials Today, 2004, 7, 24-32.	8.3	34
356	Alignment of Extremely Long Single Polymer Chains by Exploiting Hydrodynamic Flow. ChemPhysChem, 2004, 5, 128-130.	1.0	19
357	Tuning Intermolecular Interactions in a Rodlike Polymer Assembled at Surfaces and in Solution. Langmuir, 2004, 20, 8955-8957.	1.6	9
358	Self-Assembly of Electron Donor-Acceptor Dyads into Ordered Architectures in Two and Three Dimensions: A Surface Patterning and Columnar Double Cables. Journal of the American Chemical Society, 2004, 126, 3567-3575.	6.6	111
359	Scanning probe microscopies beyond imaging. Journal of Materials Chemistry, 2004, 14, 1353-1366.	6.7	114
360	Growth of ordered poly(ethylene-oxide) thin films from solutions: an SFM study. Synthetic Metals, 2004, 147, 123-125.	2.1	3

#	ARTICLE	IF	CITATIONS
361	Self-assembly of π -conjugated discs on heterogeneous surfaces: effect of the micro- and nano-scale dewetting. <i>Synthetic Metals</i> , 2004, 147, 117-121.	2.1	12
362	Correlating electrical properties and molecular structure of SAMs organized between two metal surfaces. <i>Synthetic Metals</i> , 2004, 147, 11-18.	2.1	19
363	Dynamic Materials through Metal-Directed and Solvent-Driven Self-Assembly of Cavitands. <i>Angewandte Chemie</i> , 2003, 115, 1422-1425.	1.6	18
364	Dynamic Materials through Metal-Directed and Solvent-Driven Self-Assembly of Cavitands. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1384-1387.	7.2	81
365	Ordered Architectures of a Soluble Hexa-peri-hexabenzocoronene~Pyrene Dyad: Thermotropic Bulk Properties and Nanoscale Phase Segregation at Surfaces. <i>Journal of the American Chemical Society</i> , 2003, 125, 9734-9739.	6.6	89
366	Shape-Persistent Macrocycles with Terpyridine Units: Synthesis, Characterization, and Structure in the Crystal. <i>Journal of the American Chemical Society</i> , 2003, 125, 6907-6918.	6.6	102
367	Synthesis and Solid State Structures of Functionalized Phenyleneethynylene Trimers in 2D and 3D. <i>Chemistry of Materials</i> , 2003, 15, 1032-1039.	3.2	57
368	Supramolecular Helices via Self-Assembly of 8-Oxoguanosines. <i>Journal of the American Chemical Society</i> , 2003, 125, 14741-14749.	6.6	123
369	High Shape Persistence in Single Polymer Chains Rigidified with Lateral Hydrogen Bonded Networks. <i>Macromolecules</i> , 2002, 35, 5290-5294.	2.2	104
370	Epitaxial Composite Layers of Electron Donors and Acceptors from Very Large Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2002, 124, 9454-9457.	6.6	158
371	Ordered Monolayers of Nanographitic Sheets Processed from Solutions via Oxidative Cyclodehydrogenation. <i>Langmuir</i> , 2002, 18, 4183-4185.	1.6	16
372	Crystalline C60 monolayers at the solid~organic solution interface. <i>Journal of Materials Chemistry</i> , 2002, 12, 3366-3367.	6.7	20
373	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. <i>Nature Materials</i> , 2002, 1, 160-164.	13.3	471
374	Supramolecular Staircase via Self-Assembly of Disklike Molecules at the Solid~Liquid Interface. <i>Journal of the American Chemical Society</i> , 2001, 123, 11462-11467.	6.6	101
375	Growth of Ordered Hexakis-dodecyl-hexabenzocoronene Layers from Solution: A SFM and ARUPS Study. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11114-11119.	1.2	21
376	Self-Assembly and Manipulation of Crown Ether Phthalocyanines at the Gel~Graphite Interface. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2348-2350.	7.2	85
377	Ordered Nanostructures of a [2]Catenane Through Self-Assembly at Surfaces~An STM Study With Sub-Molecular Resolution. <i>ChemPhysChem</i> , 2001, 2, 461-464.	1.0	1
378	The Self-Assembly of Lipophilic Guanosine Derivatives in Solution and on Solid Surfaces. <i>Chemistry - A European Journal</i> , 2000, 6, 3242-3248.	1.7	151

#	ARTICLE	IF	CITATIONS
379	Extended triphenylenes: synthesis, mesomorphic properties and molecularly resolved scanning tunneling microscopy images of hexakis(dialkoxyphenyl)triphenylenes and dodeca(alkoxy)tris(triphenylenylene)s. <i>Journal of Materials Chemistry</i> , 2000, 10, 1519-1525.	6.7	94
380	The Self-Assembly of Lipophilic Guanosine Derivatives in Solution and on Solid Surfaces. <i>Chemistry - A European Journal</i> , 2000, 6, 3242-3248.	1.7	111
381	Self-Assembly of a Conjugated Polymer: From Molecular Rods to a Nanoribbon Architecture with Molecular Dimensions. <i>Chemistry - A European Journal</i> , 1999, 5, 2312-2317.	1.7	191
382	Nanoribbons from conjugated macromolecules on amorphous substrates observed by SFM and TEM. <i>Nanotechnology</i> , 1999, 10, 77-80.	1.3	42
383	Self-Assembly of a Conjugated Polymer: From Molecular Rods to a Nanoribbon Architecture with Molecular Dimensions. , 1999, 5, 2312.		3
384	The Influence of Thermal Annealing on the Morphology of Sexithienyl Thin Films. <i>Advanced Materials</i> , 1998, 10, 57-60.	11.1	34