

# Jürgen P Rabe

## List of Publications by Year in descending order

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379  
papers

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393  
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393  
docs citations

393  
times ranked

18457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial Electric Fields Acting on Molecules at Solid Interfaces. Journal of Physical Chemistry C, 2022, 126, 6028-6035.	3.1	0
2	Resonant Electron Tunneling Induces Isomerization of <i>T</i> â€ Expanded Oligothiophene Macrocycles in a 2D Crystal. Advanced Science, 2022, , 2200557.	11.2	1
3	Atomic resolution with high-eigenmode tapping mode atomic force microscopy. Physical Review Research, 2022, 4, .	3.6	5
4	Grapheneâ€Assisted Synthesis of 2D Polyglycerols as Innovative Platforms for Multivalent Virus Interactions. Advanced Functional Materials, 2021, 31, 2009003.	14.9	9
5	Gerhard Findenegg (1938â€2019). Molecular Physics, 2021, 119, .	1.7	0
6	Shaping surfaces and interfaces of 2D materials on mica with intercalating water and ethanol. Molecular Physics, 2021, 119, .	1.7	3
7	Reversible Switching of Charge Transfer at the Grapheneâ€Mica Interface with Intercalating Molecules. ACS Nano, 2020, 14, 11594-11604.	14.6	7
8	Quantification of Multivalent Interactions between Sialic Acid and Influenza A Virus Spike Proteins by Single-Molecule Force Spectroscopy. Journal of the American Chemical Society, 2020, 142, 12181-12192.	13.7	43
9	Individual tubular J-aggregates stabilized and stiffened by silica encapsulation. Colloid and Polymer Science, 2020, 298, 937-950.	2.1	4
10	Metal-Assisted and Solvent-Mediated Synthesis of Two-Dimensional Triazine Structures on Gram Scale. Journal of the American Chemical Society, 2020, 142, 12976-12986.	13.7	21
11	Construction and Evaluation of a Self-Calibrating Multiresponse and Multifunctional Graphene Biosensor. Langmuir, 2019, 35, 10461-10474.	3.5	23
12	Edge Phonon Excitations in a Chiral Self-Assembled Supramolecular Nanoribbon. Journal of Physical Chemistry Letters, 2019, 10, 5830-5835.	4.6	2
13	Adsorption of polyelectrolytes onto the oppositely charged surface of tubular J-aggregates of a cyanine dye. Colloid and Polymer Science, 2019, 297, 729-739.	2.1	5
14	Pulsed thermal deposition of binary and ternary transition metal dichalcogenide monolayers and heterostructures. Applied Physics Letters, 2019, 114, .	3.3	14
15	Force Spectroscopy Shows Dynamic Binding of Influenza Hemagglutinin and Neuraminidase to Sialic Acid. Biophysical Journal, 2019, 116, 1037-1048.	0.5	33
16	Scalable Production of Nanographene and Doping via Nondestructive Covalent Functionalization. Small, 2019, 15, e1805430.	10.0	19
17	Hooking on Viral Glycoproteins with Single Molecule Force Spectroscopy to Study Single and Multiple Bond Formations. Biophysical Journal, 2019, 116, 428a.	0.5	0
18	Influence of interface hydration on sliding of graphene and molybdenum-disulfide single-layers. Journal of Colloid and Interface Science, 2019, 540, 142-147.	9.4	15

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19	Nitrogen-doped graphene as an alternative to ecotoxic zinc oxide in rubbers. Journal of Applied Polymer Science, 2018, 135, 46116.	2.6	4
20	Non-monotonous Wetting of Graphene-Mica and MoS <sub>2</sub> -Mica Interfaces with a Molecular Layer of Water. Langmuir, 2018, 34, 15228-15237.	3.5	15
21	Sialyl-LacNAc-PNA <sup>TM</sup> DNA concatamers by rolling circle amplification as multivalent inhibitors for Influenza A virus particles. ChemBioChem, 2018, 20, 159-165.	2.6	15
22	Reversible Photoisomerization of Monolayers of $\pi$ -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. Angewandte Chemie, 2018, 130, 17284-17288.	2.0	4
23	Reversible Photoisomerization of Monolayers of $\pi$ -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. Angewandte Chemie - International Edition, 2018, 57, 17038-17042.	13.8	16
24	Silver iodide nanowires grown within tubular J-aggregates. Journal of Colloid and Interface Science, 2018, 530, 424-432.	9.4	4
25	Two-Dimensional versus Three-Dimensional Self-Assembly of a Series of 5-Alkoxyisophthalic Acids. Langmuir, 2018, 34, 10739-10747.	3.5	3
26	Microstructure and Elastic Constants of Transition Metal Dichalcogenide Monolayers from Friction and Shear Force Microscopy. Advanced Materials, 2018, 30, e1803748.	21.0	16
27	Size-dependent inhibition of herpesvirus cellular entry by polyvalent nanoarchitectures. Nanoscale, 2017, 9, 3774-3783.	5.6	70
28	Functionalized Graphene as Extracellular Matrix Mimics: Toward Well-Defined 2D Nanomaterials for Multivalent Virus Interactions. Advanced Functional Materials, 2017, 27, 1606477.	14.9	65
29	Templated bilayer self-assembly of fully conjugated $\pi$ -expanded macrocyclic oligothiophenes complexed with fullerenes. Nature Communications, 2017, 8, 14717.	12.8	62
30	Controlled Covalent Functionalization of Thermally Reduced Graphene Oxide To Generate Defined Bifunctional 2D Nanomaterials. Angewandte Chemie - International Edition, 2017, 56, 2675-2679.	13.8	57
31	Controlled Covalent Functionalization of Thermally Reduced Graphene Oxide To Generate Defined Bifunctional 2D Nanomaterials. Angewandte Chemie, 2017, 129, 2719-2723.	2.0	21
32	Diffusion and nucleation in multilayer growth of PTCDI-C8 studied with <i>in situ</i> X-ray growth oscillations and real-time small angle X-ray scattering. Journal of Chemical Physics, 2017, 146, 052803.	3.0	19
33	Hydration Effects Turn a Highly Stretched Polymer from an Entropic into an Energetic Spring. ACS Nano, 2017, 11, 702-712.	14.6	68
34	Strongly enhanced Raman scattering of Cu-phthalocyanine sandwiched between graphene and Au(111). Chemical Communications, 2017, 53, 724-727.	4.1	6
35	Twinned Growth of Metal-Free, Triazine-Based Photocatalyst Films as Mixed-Dimensional (2D/3D) van der Waals Heterostructures. Advanced Materials, 2017, 29, 1703399.	21.0	59
36	Insight into the wetting of a graphene-mica slit pore with a monolayer of water. Physical Review B, 2017, 95, .	3.2	14

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37	Epitaxial Growth of an Organic p-n Heterojunction: C <sub>60</sub> on Single-Crystal Pentacene. ACS Applied Materials & Interfaces, 2016, 8, 13499-13505.	8.0	49
38	Folding of Graphene and Other Two-dimensional Materials. Science Studies, 2016, , 211-242.	0.0	2
39	Porous MgF <sub>2</sub> -over-gold nanoparticles (MON) as plasmonic substrate for analytical applications. RSC Advances, 2016, 6, 71557-71566.	3.6	6
40	Highly Efficient Multivalent 2D Nanosystems for Inhibition of Orthopoxvirus Particles. Advanced Healthcare Materials, 2016, 5, 2922-2930.	7.6	57
41	Cooperative Switching in Nanofibers of Azobenzene Oligomers. Scientific Reports, 2016, 6, 25605.	3.3	31
42	Reconstructing interaction potentials in thin films from real-space images. Physical Review E, 2016, 93, 043306.	2.1	3
43	Nano-mechanical imaging reveals heterogeneous cross-link distribution in sulfur-vulcanized butadiene-styrene rubber comprising ZnO particles. Polymer, 2016, 107, 102-107.	3.8	12
44	Organic heterojunctions: Contact-induced molecular reorientation, interface states and charge re-distribution. Scientific Reports, 2016, 6, 21291.	3.3	35
45	Nucleation, growth, and dissolution of silver nanostructures formed in nanotubular J-aggregates of amphiphilic cyanine dyes. Journal of Colloid and Interface Science, 2016, 472, 187-194.	9.4	9
46	Monolayer Phases of a Dipolar Perylene Derivative on Au(111) and Surface Potential Build-Up in Multilayers. Langmuir, 2016, 32, 3587-3600.	3.5	11
47	Nanostructural Evolution and Self-Healing Mechanism of Micellar Hydrogels. Macromolecules, 2016, 49, 2281-2287.	4.8	95
48	AÎ²42-oligomer Interacting Peptide (AIP) neutralizes toxic amyloid-Î²42 species and protects synaptic structure and function. Scientific Reports, 2015, 5, 15410.	3.3	23
49	Mechanical stability of bivalent transition metal complexes analyzed by single-molecule force spectroscopy. Beilstein Journal of Organic Chemistry, 2015, 11, 817-827.	2.2	7
50	Synthesis, Structures, and Photophysical Properties of Î€-Expanded Oligothiophene 8-mers and Their Saturn-Like C <sub>60</sub> Complexes. Journal of the American Chemical Society, 2015, 137, 3877-3885.	13.7	69
51	Morphology, Mechanical Stability, and Protective Properties of Ultrathin Gallium Oxide Coatings. Langmuir, 2015, 31, 5836-5842.	3.5	20
52	Nanotubular J-Aggregates and Quantum Dots Coupled for Efficient Resonance Excitation Energy Transfer. ACS Nano, 2015, 9, 1552-1560.	14.6	41
53	Nile Red Dye in Aqueous Surfactant and Micellar Solution. Langmuir, 2015, 31, 2639-2648.	3.5	137
54	Mechanical Rupture of Mono- and Bivalent Transition Metal Complexes in Experiment and Theory. Journal of Physical Chemistry C, 2015, 119, 4333-4343.	3.1	9

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55	Nanophase Separation in Monomolecularly Thin Water/Ethanol Films Controlled by Graphene. Nano Letters, 2015, 15, 1171-1176.	9.1	24
56	Site-dependence of van der Waals interaction explains exciton spectra of double-walled tubular J-aggregates. Physical Chemistry Chemical Physics, 2015, 17, 6741-6747.	2.8	41
57	Light-Controlled "Molecular Zippers" Based on Azobenzene Main Chain Polymers. Macromolecules, 2015, 48, 1531-1537.	4.8	43
58	Nanohybrids from nanotubular J-aggregates and transparent silica nanoshells. Chemical Communications, 2015, 51, 11980-11982.	4.1	17
59	Delamination of graphite oxide in a liquid upon cooling. Nanoscale, 2015, 7, 12625-12630.	5.6	33
60	Dense or Porous Packing? Two-Dimensional Self-Assembly of Star-Shaped Mono-, Bi-, and Terpyridine Derivatives. ChemPhysChem, 2015, 16, 949-953.	2.1	13
61	C3-Symmetric Pyridine and Bipyridine Derivatives: Simple Preparation by Cyclocondensation and 2D Self-Assembly at a Solution/Graphite Interface. Synlett, 2015, 26, 1486-1489.	1.8	12
62	Biantennary oligoglycines and glyco-oligoglycines self-associating in aqueous medium. Beilstein Journal of Organic Chemistry, 2014, 10, 1372-1382.	2.2	14
63	Frontispiece: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, n/a-n/a.	13.8	0
64	Seleno groups control the energy-level alignment between conjugated organic molecules and metals. Journal of Chemical Physics, 2014, 140, 014705.	3.0	11
65	Lattice Matching as the Determining Factor for Molecular Tilt and Multilayer Growth Mode of the Nanographene Hexa-peri-hexabenzocoronene. ACS Applied Materials & Interfaces, 2014, 6, 21484-21493.	8.0	26
66	Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, 7450-7455.	13.8	523
67	Light-Induced Contraction and Extension of Single Macromolecules on a Modified Graphite Surface. ACS Nano, 2014, 8, 11987-11993.	14.6	19
68	In situ synthesis of semiconductor nanocrystals at the surface of tubular J-aggregates. Journal of Materials Chemistry C, 2014, 2, 9141-9148.	5.5	13
69	Influenza A Matrix Protein M1 Multimerizes upon Binding to Lipid Membranes. Biophysical Journal, 2014, 107, 912-923.	0.5	62
70	Dynamics of Ethanol and Water Mixtures Observed in a Self-Adjusting Molecularly Thin Slit Pore. Langmuir, 2014, 30, 3455-3459.	3.5	29
71	The Side Chain Makes the Difference: Investigation of the 2D Self-Assembly of 1,3,5-Tris(4-(pyridinyl)phenyl)benzene Derivatives by Scanning Tunneling Microscopy. European Journal of Organic Chemistry, 2014, 2014, 4985-4992.	2.4	8
72	Furled Membrane Sheets Lead to Self-Assembled Nano- and Microtubes. Biophysical Journal, 2014, 106, 96a.	0.5	0

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73	Thermosensitive hollow Janus dumbbells. Colloid and Polymer Science, 2014, 292, 1785-1793.	2.1	9
74	Hydration of Bilayered Graphene Oxide. Nano Letters, 2014, 14, 3993-3998.	9.1	135
75	Statistics of Time-Dependent Rupture of Single ds-DNA. Journal of Physical Chemistry B, 2013, 117, 8875-8879.	2.6	2
76	Role of charge transfer, dipole-dipole interactions, and electrostatics in Fermi-level pinning at a molecular heterojunction on a metal surface. Physical Review B, 2013, 87, .	3.2	70
77	Synthesis and Properties of Branched Oligo(2-ethienyl)- and Oligo(2,2'-bithien-5-yl)-Substituted Pyridine Derivatives. Advanced Synthesis and Catalysis, 2013, 355, 3463-3474.	4.3	10
78	Influence of graphene exfoliation on the properties of water-containing adlayers visualized by graphenes and scanning force microscopy. Journal of Colloid and Interface Science, 2013, 407, 500-504.	9.4	28
79	Valence band structure of rubrene single crystals in contact with an organic gate dielectric. Organic Electronics, 2013, 14, 1825-1832.	2.6	22
80	Origin of mechanical strain sensitivity of pentacene thin-film transistors. Organic Electronics, 2013, 14, 1323-1329.	2.6	32
81	The Impact of Local Work Function Variations on Fermi Level Pinning of Organic Semiconductors. Journal of Physical Chemistry C, 2013, 117, 22285-22289.	3.1	39
82	Exfoliation of Crystalline 2D Carbon Nitride: Thin Sheets, Scrolls and Bundles via Mechanical and Chemical Routes. Macromolecular Rapid Communications, 2013, 34, 850-854.	3.9	74
83	A bifunctional nanocarrier based on amphiphilic hyperbranched polyglycerol derivatives. Journal of Materials Chemistry B, 2013, 1, 3569.	5.8	50
84	Doping of C60(sub)monolayers by Fermi-level pinning induced electron transfer. Physical Review B, 2012, 86, .	3.2	43
85	Reversible Dewetting of a Molecularly Thin Fluid Water Film in a Soft Graphene-Mica Slit Pore. Nano Letters, 2012, 12, 774-779.	9.1	90
86	Synthesis and transport properties of new dendritic core-shell architectures based on hyperbranched polyglycerol with biphenyl-PEG shells. New Journal of Chemistry, 2012, 36, 371-379.	2.8	19
87	Full electronic structure across a polymer heterojunction solar cell. Journal of Materials Chemistry, 2012, 22, 4418.	6.7	33
88	Impact of Fluorination on Initial Growth and Stability of Pentacene on Cu(111). Journal of Physical Chemistry C, 2012, 116, 7726-7734.	3.1	29
89	Porous organic cage crystals: characterising the porous crystal surface. Chemical Communications, 2012, 48, 11948.	4.1	16
90	Nanoscopic Properties and Application of Mix-and-Match Plasmonic Surfaces for Microscopic SERS. Journal of Physical Chemistry C, 2012, 116, 6859-6865.	3.1	31

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91	Utilizing redox-chemistry to elucidate the nature of exciton transitions in supramolecular dye nanotubes. <i>Nature Chemistry</i> , 2012, 4, 655-662.	13.6	174
92	Singular Value Decomposition Analysis of Spectroelectrochemical Redox Chemistry in Supramolecular Dye Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14978-14987.	3.1	10
93	Formation of intra-island grain boundaries in pentacene monolayers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 21102.	2.8	6
94	Metal-to-Acceptor Charge Transfer through a Molecular Spacer Layer. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17503-17507.	3.1	22
95	Single- and Double-Layer Graphenes as Ultrabarriers for Fluorescent Polymer Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23057-23061.	3.1	19
96	Structure Solution of the 6,13-Pentacenequinone Surface-Induced Polymorph by Combining X-ray Diffraction Reciprocal-Space Mapping and Theoretical Structure Modeling. <i>Crystal Growth and Design</i> , 2011, 11, 600-606.	3.0	44
97	Tuning hole-injection barriers at organic/metal interfaces exploiting the orientation of a molecular acceptor interlayer. <i>Physical Review B</i> , 2011, 84, .	3.2	43
98	Interlayer molecular diffusion and thermodynamic equilibrium in organic heterostructures on a metal electrode. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	22
99	Synthesis and self-assembly of amphiphilic semi-brush and dual brush block copolymers in solution and on surfaces. <i>Polymer Chemistry</i> , 2011, 2, 137-147.	3.9	31
100	Ultrafast nonequilibrium carrier dynamics in a single graphene layer. <i>Physical Review B</i> , 2011, 83, .	3.2	369
101	Straightforward Access to Amphiphilic Dual Bottle Brushes by Combining RAFT, ATRP, and NMP Polymerization in One Sequence. <i>Macromolecules</i> , 2011, 44, 9635-9641.	4.8	46
102	Substrate- and oxidation-induced roughness of individual terraces of pentacene thin films. <i>Thin Solid Films</i> , 2011, 519, 1857-1860.	1.8	2
103	Organic photovoltaic cells with interdigitated structures based on pentacene nanocolumn arrays. <i>Organic Electronics</i> , 2011, 12, 2180-2184.	2.6	12
104	Replication of Single Macromolecules with Graphene. <i>Nano Letters</i> , 2011, 11, 2436-2439.	9.1	30
105	Light-Orchestrated Macromolecular "Accordions": Reversible Photoinduced Shrinking of Rigid-Rod Polymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12559-12563.	13.8	82
106	Synthesis of 5-Acetyloxazoles and 1,2-Diketones from $\alpha$ -Alkoxy- $\beta$ -ketoenamides and Their Subsequent Transformations. <i>Chemistry - A European Journal</i> , 2011, 17, 7480-7491.	3.3	46
107	Ultrathin polythiophene films on an intrinsically conducting polymer electrode: Charge transfer induced valence states and interface dipoles. <i>Organic Electronics</i> , 2011, 12, 916-922.	2.6	33
108	Crystallographic STM image processing of 2D periodic and highly symmetric molecule arrays. , 2011, , .		5

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109	A Core-First Preparation of Poly(3-alkylthiophene) Stars. Macromolecular Symposia, 2010, 291-292, 17-25.	0.7	24
110	Electronic Properties of Cu-Phthalocyanine/Fullerene Planar and Bulk Heterojunctions on PEDOT:PSS. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1732-1737.	2.9	24
111	Synthesis with Single Macromolecules: Covalent Connection between a Neutral Dendronized Polymer and Polyelectrolyte Chains as well as Graphene Edges. Macromolecular Rapid Communications, 2010, 31, 362-367.	3.9	10
112	Supramolecular Aggregates of Water Soluble Dendritic Polyglycerol Architectures for the Solubilization of Hydrophobic Compounds. Macromolecular Rapid Communications, 2010, 31, 1516-1520.	3.9	35
113	Correlating photocurrent spectra and electrical transport parameters in organic field effect transistors. Organic Electronics, 2010, 11, 273-278.	2.6	7
114	Graphene-Based Optically Transparent Electrodes for Spectroelectrochemistry in the UV-Vis Region. Small, 2010, 6, 184-189.	10.0	86
115	High contrast optical detection of single graphenes on optically transparent substrates. Journal of Applied Physics, 2010, 108, 106101.	2.5	37
116	Density-Dependent Reorientation and Rehybridization of Chemisorbed Conjugated Molecules for Controlling Interface Electronic Structure. Physical Review Letters, 2010, 104, 246805.	7.8	55
117	Phase-separation and mixing in thin films of co-deposited rod-like conjugated molecules. Journal of Materials Chemistry, 2010, 20, 4055.	6.7	31
118	Band-offset engineering in organic/inorganic semiconductor hybrid structures. Physical Chemistry Chemical Physics, 2010, 12, 11642.	2.8	57
119	Charge-Transfer Localization in Molecularly Doped Thiophene-Based Donor Polymers. Journal of Physical Chemistry Letters, 2010, 1, 2037-2041.	4.6	91
120	Amphiphilic Dual Brush Block Copolymers as "Giant Surfactants" and Their Aqueous Self-Assembly. Langmuir, 2010, 26, 3145-3155.	3.5	54
121	Photoinitiated Growth of Sub-7 nm Silver Nanowires within a Chemically Active Organic Nanotubular Template. Journal of the American Chemical Society, 2010, 132, 2104-2105.	13.7	83
122	Controlling energy level offsets in organic/organic heterostructures using intramolecular polar bonds. Applied Physics Letters, 2009, 94, .	3.3	57
123	Tomography of molecular nanographene double layers using scanning tunneling microscopy. Physical Review B, 2009, 80, .	3.2	9
124	Nanostructured solid-state hybrid photovoltaic cells fabricated by electrostatic layer-by-layer deposition. Journal of Applied Physics, 2009, 105, 124313.	2.5	13
125	The morphology of organic nanocolumn arrays: Amorphous versus crystalline solids. Journal of Materials Research, 2009, 24, 1492-1497.	2.6	6
126	Controlling Electron and Hole Charge Injection in Ambipolar Organic Field-Effect Transistors by Self-Assembled Monolayers. Advanced Functional Materials, 2009, 19, 2407-2415.	14.9	209



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127	Intrinsic Surface Dipoles Control the Energy Levels of Conjugated Polymers. <i>Advanced Functional Materials</i> , 2009, 19, 3874-3879.	14.9	64
128	Continuous Tuning of Organic Transistor Operation from Enhancement to Depletion Mode. <i>Advanced Materials</i> , 2009, 21, 344-348.	21.0	30
129	A High Molecular Weight Donor for Electron Injection Interlayers on Metal Electrodes. <i>ChemPhysChem</i> , 2009, 10, 2947-2954.	2.1	16
130	Electronic and structural properties of graphene-based transparent and conductive thin film electrodes. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 1-4.	2.3	48
131	Manipulation of graphene within a scanning force microscope. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2527-2529.	1.5	10
132	Uniform exciton fluorescence from individual molecular nanotubes immobilized on solid substrates. <i>Nature Nanotechnology</i> , 2009, 4, 658-663.	31.5	199
133	Hybrid photovoltaic cells with II-VI quantum dot sensitizers fabricated by layer-by-layer deposition of water-soluble components. <i>Thin Solid Films</i> , 2009, 518, 295-298.	1.8	37
134	Generation of Multiblock Copolymers by PCR: Synthesis, Visualization and Nanomechanical Properties. <i>Nano Letters</i> , 2009, 9, 3658-3662.	9.1	30
135	UV-vis Spectroscopy and Cyclic Voltammetry Investigations of Tubular J-Aggregates of Amphiphilic Cyanine Dyes. <i>ECS Transactions</i> , 2009, 16, 77-84.	0.5	4
136	Helical Nanofilament Phases. <i>Science</i> , 2009, 325, 456-460.	12.6	291
137	Rapid Trench Channeling of Graphenes with Catalytic Silver Nanoparticles. <i>Nano Letters</i> , 2009, 9, 457-461.	9.1	136
138	Transparent, highly conductive graphene electrodes from acetylene-assisted thermolysis of graphite oxide sheets and nanographene molecules. <i>Nanotechnology</i> , 2009, 20, 434007.	2.6	103
139	Data scattering in scanning tunneling spectroscopy. <i>Ultramicroscopy</i> , 2008, 109, 85-90.	1.9	2
140	Optical switching studies of an azobenzene rigidly linked to a hexa-peri-hexabenzocoronene derivative in solution and at a solid-liquid interface. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 93, 277-283.	2.3	7
141	Practical Routes to 2,6-Disubstituted Pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2049-2055.	2.4	27
142	Molecular Level Control over Hierarchical Structure Formation and Polymerization of Oligopeptide-Polymer Conjugates. <i>Advanced Materials</i> , 2008, 20, 409-414.	21.0	46
143	Grain-Boundary Evolution in a Pentacene Monolayer. <i>Advanced Materials</i> , 2008, 20, 3254-3257.	21.0	45
144	Self-Folding of Charged Single Dendronized Polymers. <i>Advanced Materials</i> , 2008, 20, 3204-3210.	21.0	31

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145	Ambipolar transport in transparent and flexible all-organic heterojunction field effect transistors at ambient conditions. <i>Organic Electronics</i> , 2008, 9, 191-197.	2.6	35
146	Orientation-dependent ionization energies and interface dipoles in ordered molecular assemblies. <i>Nature Materials</i> , 2008, 7, 326-332.	27.5	564
147	Nanographenes as Active Components of Single-Molecule Electronics and How a Scanning Tunneling Microscope Puts Them To Work. <i>Accounts of Chemical Research</i> , 2008, 41, 511-520.	15.6	244
148	Isolated and Linear Arrays of Surfactant-Encapsulated Polyoxometalate Clusters on Graphite. <i>Langmuir</i> , 2008, 24, 2767-2771.	3.5	7
149	Spectroelectrochemical Investigation of Double-Walled Tubular J-Aggregates of Amphiphilic Cyanine Dyes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1260-1268.	3.1	44
150	Investigating Molecular Charge Transfer Complexes with a Low Temperature Scanning Tunneling Microscope. <i>Physical Review Letters</i> , 2008, 100, 126102.	7.8	73
151	Consecutive Conformational Transitions and Deaggregation of Multiple-Helical Poly(diacetylene)s. <i>Nano Letters</i> , 2008, 8, 1660-1666.	9.1	33
152	Unusual Symmetry Effect on Hexa-peri-hexabenzocoronene. <i>Chemistry of Materials</i> , 2008, 20, 1191-1193.	6.7	22
153	Hexa-peri-hexabenzocoronene on Ag(111): Monolayer/Multilayer Transition of Molecular Orientation and Electronic Structure. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1570-1574.	3.1	18
154	Adsorption-Induced Intramolecular Dipole: Correlating Molecular Conformation and Interface Electronic Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 7300-7304.	13.7	152
155	Electrical Field-Induced Alignment of Nonpolar Hexabenzocoronene Molecules into Columnar Structures on Highly Oriented Pyrolytic Graphite Investigated by STM and SFM. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5563-5566.	3.1	27
156	Structural Order in Perfluoropentacene Thin Films and Heterostructures with Pentacene. <i>Langmuir</i> , 2008, 24, 7294-7298.	3.5	85
157	Soft-Metallic Contact to Isolated C <sub>60</sub> Molecules. <i>Nano Letters</i> , 2008, 8, 3825-3829.	9.1	50
158	Tuning the Ionization Energy of Organic Semiconductor Films: The Role of Intramolecular Polar Bonds. <i>Journal of the American Chemical Society</i> , 2008, 130, 12870-12871.	13.7	152
159	Molecular Workbench for Imaging and Manipulation of Single Macromolecules and Their Complexes with the Scanning Force Microscope. <i>Topics in Current Chemistry</i> , 2008, 285, 77-102.	4.0	14
160	Interface formation and electronic structure of 1,4-sexithiophene on ZnO. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	32
161	Structural and electronic properties of pentacene-fullerene heterojunctions. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	97
162	Gold work function reduction by 2.2eV with an air-stable molecular donor layer. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	75

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