

# Jürgen P Rabe

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

368  
papers

19,790  
citations

76  
h-index

122  
g-index

393  
ext. papers

20,761  
ext. citations

7.5  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
368	Interfacial Electric Fields Acting on Molecules at Solid Interfaces. <i>Journal of Physical Chemistry C</i> , <b>2022</b> , 126, 6028-6035	3.8	
367	Resonant Electron Tunneling Induces Isomerization of $\pi$ -Expanded Oligothiophene Macrocycles in a 2D Crystal.. <i>Advanced Science</i> , <b>2022</b> , e2200557	13.6	
366	Graphene-Assisted Synthesis of 2D Polyglycerols as Innovative Platforms for Multivalent Virus Interactions. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009003	15.6	3
365	Quantification of Multivalent Interactions between Sialic Acid and Influenza A Virus Spike Proteins by Single-Molecule Force Spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 12181-12192	16.4	20
364	Individual tubular J-aggregates stabilized and stiffened by silica encapsulation. <i>Colloid and Polymer Science</i> , <b>2020</b> , 298, 937-950	2.4	0
363	Metal-Assisted and Solvent-Mediated Synthesis of Two-Dimensional Triazine Structures on Gram Scale. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 12976-12986	16.4	12
362	Reversible Switching of Charge Transfer at the Graphene-Mica Interface with Intercalating Molecules. <i>ACS Nano</i> , <b>2020</b> , 14, 11594-11604	16.7	2
361	Edge Phonon Excitations in a Chiral Self-Assembled Supramolecular Nanoribbon. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 5830-5835	6.4	2
360	Adsorption of polyelectrolytes onto the oppositely charged surface of tubular J-aggregates of a cyanine dye. <i>Colloid and Polymer Science</i> , <b>2019</b> , 297, 729-739	2.4	3
359	Pulsed thermal deposition of binary and ternary transition metal dichalcogenide monolayers and heterostructures. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 162101	3.4	9
358	Force Spectroscopy Shows Dynamic Binding of Influenza Hemagglutinin and Neuraminidase to Sialic Acid. <i>Biophysical Journal</i> , <b>2019</b> , 116, 1037-1048	2.9	15
357	Construction and Evaluation of a Self-Calibrating Multiresponse and Multifunctional Graphene Biosensor. <i>Langmuir</i> , <b>2019</b> , 35, 10461-10474	4	19
356	Scalable Production of Nanographene and Doping via Nondestructive Covalent Functionalization. <i>Small</i> , <b>2019</b> , 15, e1805430	11	18
355	Influence of interface hydration on sliding of graphene and molybdenum-disulfide single-layers. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 540, 142-147	9.3	6
354	Sialyl-LacNAc-PNA?DNA Concatamers by Rolling-Circle Amplification as Multivalent Inhibitors of Influenza A Virus Particles. <i>ChemBioChem</i> , <b>2019</b> , 20, 159-165	3.8	8
353	Nitrogen-doped graphene as an alternative to ecotoxic zinc oxide in rubbers. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46116	2.9	3
352	Silver iodide nanowires grown within tubular J-aggregates. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 424-432	9.3	2

351	Two-Dimensional versus Three-Dimensional Self-Assembly of a Series of 5-Alkoxyisophthalic Acids. <i>Langmuir</i> , <b>2018</b> , 34, 10739-10747	4	1
350	Microstructure and Elastic Constants of Transition Metal Dichalcogenide Monolayers from Friction and Shear Force Microscopy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1803748	24	10
349	Non-monotonous Wetting of Graphene-Mica and MoS-Mica Interfaces with a Molecular Layer of Water. <i>Langmuir</i> , <b>2018</b> , 34, 15228-15237	4	10
348	Reversible Photoisomerization of Monolayers of $\pi$ -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17284-17288	3.6	3
347	Reversible Photoisomerization of Monolayers of $\pi$ -Expanded Oligothiophene Macrocycles at Solid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17038-17042	16.4	11
346	Size-dependent inhibition of herpesvirus cellular entry by polyvalent nanoarchitectures. <i>Nanoscale</i> , <b>2017</b> , 9, 3774-3783	7.7	59
345	Functionalized Graphene as Extracellular Matrix Mimics: Toward Well-Defined 2D Nanomaterials for Multivalent Virus Interactions. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606477	15.6	55
344	Templated bilayer self-assembly of fully conjugated $\pi$ -expanded macrocyclic oligothiophenes complexed with fullerenes. <i>Nature Communications</i> , <b>2017</b> , 8, 14717	17.4	47
343	Controlled Covalent Functionalization of Thermally Reduced Graphene Oxide To Generate Defined Bifunctional 2D Nanomaterials. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2675-2679	16.4	47
342	Controlled Covalent Functionalization of Thermally Reduced Graphene Oxide To Generate Defined Bifunctional 2D Nanomaterials. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2719-2723	3.6	17
341	Diffusion and nucleation in multilayer growth of PTCDI-C studied with in situ X-ray growth oscillations and real-time small angle X-ray scattering. <i>Journal of Chemical Physics</i> , <b>2017</b> , 146, 052803	3.9	16
340	Hydration Effects Turn a Highly Stretched Polymer from an Entropic into an Energetic Spring. <i>ACS Nano</i> , <b>2017</b> , 11, 702-712	16.7	42
339	Strongly enhanced Raman scattering of Cu-phthalocyanine sandwiched between graphene and Au(111). <i>Chemical Communications</i> , <b>2017</b> , 53, 724-727	5.8	3
338	Twinned Growth of Metal-Free, Triazine-Based Photocatalyst Films as Mixed-Dimensional (2D/3D) van der Waals Heterostructures. <i>Advanced Materials</i> , <b>2017</b> , 29, 1703399	24	49
337	Insight into the wetting of a graphene-mica slit pore with a monolayer of water. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	10
336	Porous MgF <sub>2</sub> -over-gold nanoparticles (MON) as plasmonic substrate for analytical applications. <i>RSC Advances</i> , <b>2016</b> , 6, 71557-71566	3.7	3
335	Highly Efficient Multivalent 2D Nanosystems for Inhibition of Orthopoxvirus Particles. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2922-2930	10.1	48
334	Cooperative Switching in Nanofibers of Azobenzene Oligomers. <i>Scientific Reports</i> , <b>2016</b> , 6, 25605	4.9	28

333	Reconstructing interaction potentials in thin films from real-space images. <i>Physical Review E</i> , <b>2016</b> , 93, 043306	2.4	2
332	Nano-mechanical imaging reveals heterogeneous cross-link distribution in sulfur-vulcanized butadiene-styrene rubber comprising ZnO particles. <i>Polymer</i> , <b>2016</b> , 107, 102-107	3.9	7
331	Organic heterojunctions: Contact-induced molecular reorientation, interface states, and charge re-distribution. <i>Scientific Reports</i> , <b>2016</b> , 6, 21291	4.9	34
330	Nucleation, growth, and dissolution of silver nanostructures formed in nanotubular J-aggregates of amphiphilic cyanine dyes. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 472, 187-94	9.3	8
329	Monolayer Phases of a Dipolar Perylene Derivative on Au(111) and Surface Potential Build-Up in Multilayers. <i>Langmuir</i> , <b>2016</b> , 32, 3587-600	4	11
328	Nanostructural Evolution and Self-Healing Mechanism of Micellar Hydrogels. <i>Macromolecules</i> , <b>2016</b> , 49, 2281-2287	5.5	76
327	Epitaxial Growth of an Organic p-n Heterojunction: C60 on Single-Crystal Pentacene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13499-505	9.5	40
326	Folding of Graphene and Other Two-dimensional Materials <b>2016</b> , 211-242		2
325	Light-Controlled Molecular Zippers Based on Azobenzene Main Chain Polymers. <i>Macromolecules</i> , <b>2015</b> , 48, 1531-1537	5.5	36
324	Nanohybrids from nanotubular J-aggregates and transparent silica nanoshells. <i>Chemical Communications</i> , <b>2015</b> , 51, 11980-2	5.8	13
323	Delamination of graphite oxide in a liquid upon cooling. <i>Nanoscale</i> , <b>2015</b> , 7, 12625-30	7.7	24
322	Dense or porous packing? Two-dimensional self-assembly of star-shaped mono-, bi-, and terpyridine derivatives. <i>ChemPhysChem</i> , <b>2015</b> , 16, 949-53	3.2	11
321	C3-Symmetric Pyridine and Bipyridine Derivatives: Simple Preparation by Cyclocondensation and 2D Self-Assembly at a Solution-Graphite Interface. <i>Synlett</i> , <b>2015</b> , 26, 1486-1489	2.2	10
320	A $\beta$ -oligomer Interacting Peptide (AIP) neutralizes toxic amyloid- $\beta$ species and protects synaptic structure and function. <i>Scientific Reports</i> , <b>2015</b> , 5, 15410	4.9	21
319	Mechanical stability of bivalent transition metal complexes analyzed by single-molecule force spectroscopy. <i>Beilstein Journal of Organic Chemistry</i> , <b>2015</b> , 11, 817-27	2.5	6
318	Synthesis, structures, and photophysical properties of expanded oligothiophene 8-mers and their Saturn-like C $\pi$ -complexes. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3877-85	16.4	55
317	Morphology, mechanical stability, and protective properties of ultrathin gallium oxide coatings. <i>Langmuir</i> , <b>2015</b> , 31, 5836-42	4	14
316	Nanotubular J-aggregates and quantum dots coupled for efficient resonance excitation energy transfer. <i>ACS Nano</i> , <b>2015</b> , 9, 1552-60	16.7	34

315	Nile red dye in aqueous surfactant and micellar solution. <i>Langmuir</i> , <b>2015</b> , 31, 2639-48	4	96
314	Mechanical Rupture of Mono- and Bivalent Transition Metal Complexes in Experiment and Theory. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 4333-4343	3.8	7
313	Nanophase separation in monomolecularly thin water-ethanol films controlled by graphene. <i>Nano Letters</i> , <b>2015</b> , 15, 1171-6	11.5	22
312	Site-dependence of van der Waals interaction explains exciton spectra of double-walled tubular J-aggregates. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 6741-7	3.6	36
311	Triazine-based graphitic carbon nitride: a two-dimensional semiconductor. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7450-5	16.4	412
310	Light-induced contraction and extension of single macromolecules on a modified graphite surface. <i>ACS Nano</i> , <b>2014</b> , 8, 11987-93	16.7	18
309	In situ synthesis of semiconductor nanocrystals at the surface of tubular J-aggregates. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9141-9148	7.1	12
308	Influenza A matrix protein M1 multimerizes upon binding to lipid membranes. <i>Biophysical Journal</i> , <b>2014</b> , 107, 912-23	2.9	47
307	Dynamics of ethanol and water mixtures observed in a self-adjusting molecularly thin slit pore. <i>Langmuir</i> , <b>2014</b> , 30, 3455-9	4	27
306	The Side Chain Makes the Difference: Investigation of the 2D Self-Assembly of 1,3,5-Tris[4-(4-pyridinyl)phenyl]benzene Derivatives by Scanning Tunneling Microscopy. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 4985-4992	3.2	7
305	Thermosensitive hollow Janus dumbbells. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 1785-1793	2.4	8
304	Hydration of bilayered graphene oxide. <i>Nano Letters</i> , <b>2014</b> , 14, 3993-8	11.5	109
303	Biantennary oligoglycines and glyco-oligoglycines self-associating in aqueous medium. <i>Beilstein Journal of Organic Chemistry</i> , <b>2014</b> , 10, 1372-82	2.5	11
302	Seleno groups control the energy-level alignment between conjugated organic molecules and metals. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 014705	3.9	8
301	Lattice matching as the determining factor for molecular tilt and multilayer growth mode of the nanographene hexa-peri-hexabenzocoronene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 21484-93	9.5	24
300	Statistics of time-dependent rupture of single ds-DNA. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 8875-9	3.4	1
299	Role of charge transfer, dipole-dipole interactions, and electrostatics in Fermi-level pinning at a molecular heterojunction on a metal surface. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	65
298	Synthesis and Properties of Branched Oligo(2-thienyl)- and Oligo(2,2'-bithien-5-yl)-Substituted Pyridine Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 3463-3474	5.6	10

297	Influence of graphene exfoliation on the properties of water-containing adlayers visualized by graphenes and scanning force microscopy. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 407, 500-4	9.3	22
296	Valence band structure of rubrene single crystals in contact with an organic gate dielectric. <i>Organic Electronics</i> , <b>2013</b> , 14, 1825-1832	3.5	19
295	Origin of mechanical strain sensitivity of pentacene thin-film transistors. <i>Organic Electronics</i> , <b>2013</b> , 14, 1323-1329	3.5	25
294	The Impact of Local Work Function Variations on Fermi Level Pinning of Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 22285-22289	3.8	34
293	Exfoliation of crystalline 2D carbon nitride: thin sheets, scrolls and bundles via mechanical and chemical routes. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 850-4	4.8	65
292	A bifunctional nanocarrier based on amphiphilic hyperbranched polyglycerol derivatives. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 3569-3577	7.3	47
291	Reversible dewetting of a molecularly thin fluid water film in a soft graphene-mica slit pore. <i>Nano Letters</i> , <b>2012</b> , 12, 774-9	11.5	79
290	Synthesis and transport properties of new dendritic core-shell architectures based on hyperbranched polyglycerol with biphenyl-PEG shells. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 371-379	3.6	17
289	Full electronic structure across a polymer heterojunction solar cell. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4418		30
288	Impact of Fluorination on Initial Growth and Stability of Pentacene on Cu(111). <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 7726-7734	3.8	26
287	Porous organic cage crystals: characterising the porous crystal surface. <i>Chemical Communications</i> , <b>2012</b> , 48, 11948-50	5.8	14
286	Nanosopic Properties and Application of Mix-and-Match Plasmonic Surfaces for Microscopic SERS. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 6859-6865	3.8	30
285	Utilizing redox-chemistry to elucidate the nature of exciton transitions in supramolecular dye nanotubes. <i>Nature Chemistry</i> , <b>2012</b> , 4, 655-62	17.6	148
284	Doping of C60 (sub)monolayers by Fermi-level pinning induced electron transfer. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	42
283	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> , <b>2011</b> , 11, 600-606	3.5	41
282	Tuning hole-injection barriers at organic/metal interfaces exploiting the orientation of a molecular acceptor interlayer. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	38
281	Interlayer molecular diffusion and thermodynamic equilibrium in organic heterostructures on a metal electrode. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 113709	2.5	19
280	Synthesis and self-assembly of amphiphilic semi-brush and dual brush block copolymers in solution and on surfaces. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 137-147	4.9	28

279	Ultrafast nonequilibrium carrier dynamics in a single graphene layer. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	308
278	Straightforward Access to Amphiphilic Dual Bottle Brushes by Combining RAFT, ATRP, and NMP Polymerization in One Sequence. <i>Macromolecules</i> , <b>2011</b> , 44, 9635-9641	5.5	44
277	Substrate- and oxidation-induced roughness of individual terraces of pentacene thin films. <i>Thin Solid Films</i> , <b>2011</b> , 519, 1857-1860	2.2	2
276	Organic photovoltaic cells with interdigitated structures based on pentacene nanocolumn arrays. <i>Organic Electronics</i> , <b>2011</b> , 12, 2180-2184	3.5	12
275	Replication of single macromolecules with graphene. <i>Nano Letters</i> , <b>2011</b> , 11, 2436-9	11.5	28
274	Light-orchestrated macromolecular "accordions": reversible photoinduced shrinking of rigid-rod polymers. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 12559-63	16.4	76
273	Synthesis of 5-acetyloxazoles and 1,2-diketones from $\alpha$ -alkoxy- $\beta$ -ketoenamides and their subsequent transformations. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7480-91	4.8	40
272	Singular Value Decomposition Analysis of Spectroelectrochemical Redox Chemistry in Supramolecular Dye Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 14978-14987	3.8	9
271	Formation of intra-island grain boundaries in pentacene monolayers. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 21102-8	3.6	6
270	Metal-to-Acceptor Charge Transfer through a Molecular Spacer Layer. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 17503-17507	3.8	20
269	Single- and Double-Layer Graphenes as Ultrabarrriers for Fluorescent Polymer Films. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 23057-23061	3.8	18
268	Ultrathin polythiophene films on an intrinsically conducting polymer electrode: Charge transfer induced valence states and interface dipoles. <i>Organic Electronics</i> , <b>2011</b> , 12, 916-922	3.5	33
267	Crystallographic STM image processing of 2D periodic and highly symmetric molecule arrays <b>2011</b> ,		3
266	Density-dependent reorientation and rehybridization of chemisorbed conjugated molecules for controlling interface electronic structure. <i>Physical Review Letters</i> , <b>2010</b> , 104, 246805	7.4	51
265	Phase-separation and mixing in thin films of co-deposited rod-like conjugated molecules. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4055		30
264	Band-offset engineering in organic/inorganic semiconductor hybrid structures. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 11642-6	3.6	50
263	Charge-Transfer Localization in Molecularly Doped Thiophene-Based Donor Polymers. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 2037-2041	6.4	86
262	Amphiphilic dual brush block copolymers as "giant surfactants" and their aqueous self-assembly. <i>Langmuir</i> , <b>2010</b> , 26, 3145-55	4	52



261	Photoinitiated growth of sub-7 nm silver nanowires within a chemically active organic nanotubular template. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 2104-5	16.4	76
260	A Core-First Preparation of Poly(3-alkylthiophene) Stars. <i>Macromolecular Symposia</i> , <b>2010</b> , 291-292, 17-25.	5.8	24
259	Electronic Properties of Cu-Phthalocyanine/Fullerene Planar and Bulk Heterojunctions on PEDOT:PSS. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2010</b> , 16, 1732-1737	3.8	23
258	Synthesis with Single Macromolecules: Covalent Connection between a Neutral Dendronized Polymer and Polyelectrolyte Chains as well as Graphene Edges. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 362-7	4.8	9
257	Supramolecular aggregates of water soluble dendritic polyglycerol architectures for the solubilization of hydrophobic compounds. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 1516-20	4.8	32
256	Correlating photocurrent spectra and electrical transport parameters in organic field effect transistors. <i>Organic Electronics</i> , <b>2010</b> , 11, 273-278	3.5	6
255	Graphene-based optically transparent electrodes for spectroelectrochemistry in the UV-Vis region. <i>Small</i> , <b>2010</b> , 6, 184-9	11	80
254	Controlling energy level offsets in organic/organic heterostructures using intramolecular polar bonds. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 033304	3.4	53
253	Tomography of molecular nanographene double layers using scanning tunneling microscopy. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	6
252	Nanostructured solid-state hybrid photovoltaic cells fabricated by electrostatic layer-by-layer deposition. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 124313	2.5	12
251	The morphology of organic nanocolumn arrays: Amorphous versus crystalline solids. <i>Journal of Materials Research</i> , <b>2009</b> , 24, 1492-1497	2.5	6
250	Controlling Electron and Hole Charge Injection in Ambipolar Organic Field-Effect Transistors by Self-Assembled Monolayers. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 2407-2415	15.6	195
249	Intrinsic Surface Dipoles Control the Energy Levels of Conjugated Polymers. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 3874-3879	15.6	59
248	Continuous Tuning of Organic Transistor Operation from Enhancement to Depletion Mode. <i>Advanced Materials</i> , <b>2009</b> , 21, 344-348	24	30
247	A high molecular weight donor for electron injection interlayers on metal electrodes. <i>ChemPhysChem</i> , <b>2009</b> , 10, 2947-54	3.2	14
246	Electronic and structural properties of graphene-based transparent and conductive thin film electrodes. <i>Applied Physics A: Materials Science and Processing</i> , <b>2009</b> , 94, 1-4	2.6	45
245	Manipulation of graphene within a scanning force microscope. <i>Physica Status Solidi (B): Basic Research</i> , <b>2009</b> , 246, 2527-2529	1.3	9
244	Uniform exciton fluorescence from individual molecular nanotubes immobilized on solid substrates. <i>Nature Nanotechnology</i> , <b>2009</b> , 4, 658-63	28.7	176



243	Hybrid photovoltaic cells with II-VI quantum dot sensitizers fabricated by layer-by-layer deposition of water-soluble components. <i>Thin Solid Films</i> , <b>2009</b> , 518, 295-298	2.2	35
242	Generation of multiblock copolymers by PCR: synthesis, visualization and nanomechanical properties. <i>Nano Letters</i> , <b>2009</b> , 9, 3658-62	11.5	29
241	UV-vis Spectroscopy and Cyclic Voltammetry Investigations of Tubular J-Aggregates of Amphiphilic Cyanine Dyes. <i>ECS Transactions</i> , <b>2009</b> , 16, 77-84	1	4
240	Helical nanofilament phases. <i>Science</i> , <b>2009</b> , 325, 456-60	33.3	259
239	Rapid trench channeling of graphenes with catalytic silver nanoparticles. <i>Nano Letters</i> , <b>2009</b> , 9, 457-61	11.5	124
238	Transparent, highly conductive graphene electrodes from acetylene-assisted thermolysis of graphite oxide sheets and nanographene molecules. <i>Nanotechnology</i> , <b>2009</b> , 20, 434007	3.4	91
237	Orientation-dependent ionization energies and interface dipoles in ordered molecular assemblies. <i>Nature Materials</i> , <b>2008</b> , 7, 326-32	27	512
236	Nanographenes as active components of single-molecule electronics and how a scanning tunneling microscope puts them to work. <i>Accounts of Chemical Research</i> , <b>2008</b> , 41, 511-20	24.3	223
235	Isolated and linear arrays of surfactant-encapsulated polyoxometalate clusters on graphite. <i>Langmuir</i> , <b>2008</b> , 24, 2767-71	4	7
234	Spectroelectrochemical Investigation of Double-Walled Tubular J-Aggregates of Amphiphilic Cyanine Dyes. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 1260-1268	3.8	38
233	Investigating molecular charge transfer complexes with a low temperature scanning tunneling microscope. <i>Physical Review Letters</i> , <b>2008</b> , 100, 126102	7.4	70
232	Consecutive conformational transitions and deaggregation of multiple-helical poly(diacetylene)s. <i>Nano Letters</i> , <b>2008</b> , 8, 1660-6	11.5	32
231	Unusual Symmetry Effect on Hexa-peri-hexabenzocoronene. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 1191-1193	9.6	21
230	Hexa-peri-hexabenzocoronene on Ag(111): Monolayer/Multilayer Transition of Molecular Orientation and Electronic Structure. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 1570-1574	3.8	17
229	Adsorption-induced intramolecular dipole: correlating molecular conformation and interface electronic structure. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7300-4	16.4	138
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