

Francesco Zerbetto

List of Publications by Year in descending order

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399
papers

19,508
citations

16411

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17055

122
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422
all docs

422
docs citations

422
times ranked

16033
citing authors

#	ARTICLE	IF	CITATIONS
1	Fullerenes against COVID-19: Repurposing C60 and C70 to Clog the Active Site of SARS-CoV-2 Protease. <i>Molecules</i> , 2022, 27, 1916.	1.7	11
2	Photothermal motion: effect of low-intensity irradiation on the thermal motion of organic nanoparticles. <i>Nanoscale</i> , 2022, 14, 7233-7241.	2.8	2
3	Green Fabrication of (6,5)Carbon Nanotube/Protein Transistor Endowed with Specific Recognition. <i>Advanced Electronic Materials</i> , 2021, 7, 2001114.	2.6	11
4	A Bio-Conjugated Fullerene as a Subcellular-Targeted and Multifaceted Phototheranostic Agent. <i>Advanced Functional Materials</i> , 2021, 31, 2101527.	7.8	22
5	Single-molecule mechanics of synthetic aromatic amide helices: Ultrafast and robust non-dissipative winding. <i>CheM</i> , 2021, 7, 1333-1346.	5.8	13
6	Incorporation of Molecular Nanoparticles Inside Proteins: The Trojan Horse Approach in Theranostics. <i>Accounts of Materials Research</i> , 2021, 2, 594-605.	5.9	20
7	Human Serum Albumin-Oligothiophene Bioconjugate: A Phototheranostic Platform for Localized Killing of Cancer Cells by Precise Light Activation. <i>Jacs Au</i> , 2021, 1, 925-935.	3.6	19
8	Viscoelasticity and Noise Properties Reveal the Formation of Biomemory in Cells. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10883-10892.	1.2	5
9	Dissecting the Supramolecular Dispersion of Fullerenes by Proteins/Peptides: Amino Acid Ranking and Driving Forces for Binding to C60. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11567.	1.8	4
10	Complex Nanoparticle Diffusional Motion in Liquid-Cell Transmission Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14881-14890.	1.5	18
11	Inhibition of $\hat{\Gamma}$ -chymotrypsin by pristine single-wall carbon nanotubes: Clogging up the active site. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 174-184.	5.0	22
12	Electron Dynamics with Explicit-Time Density Functional Theory of the [4+2] Diels-Alder Reaction. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2172-2180.	2.3	3
13	White and Colored Noises as Driving Forces of Electron Transfer: The Photolyase Repair Mechanism as a Test Case. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4511-4516.	2.1	2
14	Oriented External Electric Fields Affect Rate and Stereoselectivity of Electrocyclic Reactions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26370-26378.	1.5	20
15	Retinoic acid/calcite micro-carriers inserted in fibrin scaffolds modulate neuronal cell differentiation. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5808-5813.	2.9	11
16	Identification and preparation of stable water dispersions of protein - Carbon nanotube hybrids and efficient design of new functional materials. <i>Carbon</i> , 2019, 147, 70-82.	5.4	30
17	CNT-Catalyzed Oxidative Dehydrogenation of Ethylbenzene to Styrene: DFT Calculations Disclose the Pathways. <i>ChemNanoMat</i> , 2019, 5, 499-505.	1.5	5
18	Photocatalytic activity of exfoliated graphite-TiO ₂ nanoparticle composites. <i>Nanoscale</i> , 2019, 11, 19301-19314.	2.8	18

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19	Controlling Size-Dispersion of Single Walled Carbon Nanotubes by Interaction with Polyoxometalates Armed with a Tryptophan Tweezer. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 374-379.	1.0	6
20	Dynamic Self-Organization and Catalysis: Periodic versus Random Driving Forces. <i>Journal of Physical Chemistry C</i> , 2019, 123, 825-835.	1.5	3
21	Stable and Biocompatible Monodispersion of C ₆₀ in Water by Peptides. <i>Bioconjugate Chemistry</i> , 2019, 30, 808-814.	1.8	18
22	Functionalization Pattern of Graphene Oxide Sheets Controls Entry or Produces Lipid Turmoil in Phospholipid Membranes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15487-15493.	4.0	16
23	Structural determinants in the bulk heterojunction. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5708-5720.	1.3	3
24	Delivery systems for agriculture: Fe-EDDHA/CaCO ₃ hybrid crystals as adjuvants for prevention of iron chlorosis. <i>Chemical Communications</i> , 2018, 54, 1635-1638.	2.2	6
25	Proteins as supramolecular hosts for C ₆₀ : a true solution of C ₆₀ in water. <i>Nanoscale</i> , 2018, 10, 9908-9916.	2.8	33
26	Tackling the Challenges of Dynamic Experiments Using Liquid-Cell Transmission Electron Microscopy. <i>Accounts of Chemical Research</i> , 2018, 51, 3-11.	7.6	78
27	New insights into the composition of Indian yellow and its use in a Rajasthani wall painting. <i>Microchemical Journal</i> , 2018, 137, 238-249.	2.3	16
28	Interactions between Endohedral Metallofullerenes and Proteins: The Gd@C ₆₀ -Lysozyme Model. <i>ACS Omega</i> , 2018, 3, 13782-13789.	1.6	12
29	Interaction of Single Cells with 2D Organic Monolayers: A Scanning Electrochemical Microscopy Study. <i>ChemElectroChem</i> , 2018, 5, 2975-2981.	1.7	16
30	Temperature and Conductivity as Indicators of the Morphology and Activity of a Submarine Volcano: Avyssos (Nisyros) in the South Aegean Sea, Greece. <i>Geosciences (Switzerland)</i> , 2018, 8, 193.	1.0	7
31	C ₆₀ Bioconjugation with Proteins: Towards a Palette of Carriers for All pH Ranges. <i>Materials</i> , 2018, 11, 691.	1.3	25
32	Graphene Materials Strengthen Aqueous Polyurethane Adhesives. <i>ACS Omega</i> , 2018, 3, 8829-8835.	1.6	12
33	Multifractal structure of microscopic eye-head coordination. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 512, 945-953.	1.2	3
34	Graphene Oxide Promotes Site-Selective Allylic Alkylation of Thiophenes with Alcohols. <i>Organic Letters</i> , 2018, 20, 3705-3709.	2.4	30
35	Impact of the green tea ingredient epigallocatechin gallate and a short pentapeptide (Ile-Ile-Ala-Glu-Lys) on the structural organization of mixed micelles and the related uptake of cholesterol. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1956-1963.	1.1	3
36	Breathing modes of Kolumbo submarine volcano (Santorini, Greece). <i>Scientific Reports</i> , 2017, 7, 46515.	1.6	11

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37	Optical and theoretical investigation of Indian yellow (euxanthic acid and euxanthone). <i>Dyes and Pigments</i> , 2017, 144, 234-241.	2.0	6
38	Modeling Living Cells Response to Surface Tension and Chemical Patterns. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19552-19561.	4.0	11
39	Engineering the Fullerene-protein Interface by Computational Design: The Sum is More than its Parts. <i>Israel Journal of Chemistry</i> , 2017, 57, 547-552.	1.0	14
40	Analysis of the vibronic structure of the trans-stilbene fluorescence and excitation spectra: the S_0 and S_1 PES along the $C=C$ and $C=C$ torsions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25095-25104.	1.3	6
41	Directly Observing Micelle Fusion and Growth in Solution by Liquid-Cell Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 17140-17151.	6.6	118
42	Aromatic Bromination of <i>N</i> -Phenylacetamide Inside CNTs. Are CNTs Real Nanoreactors Controlling Regioselectivity and Kinetics? A QM/MM Investigation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27674-27682.	1.5	17
43	Bioinspired Nanocomposites: Ordered 2D Materials Within a 3D Lattice. <i>Advanced Functional Materials</i> , 2016, 26, 5569-5575.	7.8	23
44	Time-dependent quantum simulation of coronene photoemission spectra. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13604-13615.	1.3	4
45	Biorecognition in Organic Field Effect Transistors Biosensors: The Role of the Density of States of the Organic Semiconductor. <i>Analytical Chemistry</i> , 2016, 88, 12330-12338.	3.2	58
46	CNT-Confinement Effects on the Menshutkin S_N2 Reaction: The Role of Nonbonded Interactions. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 4082-4092.	2.3	21
47	Time Fractional Diffusion Equations and Analytical Solvable Models. <i>Journal of Physics: Conference Series</i> , 2016, 738, 012106.	0.3	1
48	Electric Field Promotes Pentacene Dimerization in Thin Film Transistors. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13942-13947.	1.5	2
49	Active-drops as phantom models for living cells: a mesoscopic particle-based approach. <i>Soft Matter</i> , 2016, 12, 3538-3544.	1.2	3
50	Stochastic analysis of movements on surfaces: The case of C60 on Au(111). <i>Chemical Physics Letters</i> , 2015, 633, 163-168.	1.2	12
51	Are Two Station Biased Random Walkers Always Potential Molecular Motors?. <i>ChemPhysChem</i> , 2015, 16, 104-107.	1.0	1
52	Conformation Diversity of a Fused Ring Pyrazine Derivative on Au(111) and Highly Ordered Pyrolytic Graphite. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1311-1317.	1.7	7
53	Calcite Single Crystals as Hosts for Atomic Scale Entrapment and Slow Release of Drugs. <i>Advanced Healthcare Materials</i> , 2015, 4, 1510-1516.	3.9	32
54	Modeling Nanotube Caps: The Relationship Between Fullerenes and Caps. <i>Journal of Physical Chemistry A</i> , 2015, 119, 12839-12844.	1.1	6

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55	Graphene Can Wreak Havoc with Cell Membranes. ACS Applied Materials & Interfaces, 2015, 7, 4406-4414.	4.0	142
56	In situ nanomechanical characterization of the early stages of swelling and degradation of a biodegradable polymer. Nanoscale, 2015, 7, 5403-5410.	2.8	16
57	Changes of the Molecular Structure in Organic Thin Film Transistors during Operation. Journal of Physical Chemistry C, 2015, 119, 15912-15918.	1.5	10
58	Blocking the Passage: C ₆₀ Geometrically Clogs K ⁺ Channels. ACS Nano, 2015, 9, 4827-4834.	7.3	41
59	Fast photodynamics of azobenzene probed by scanning excited-state potential energy surfaces using slow spectroscopy. Nature Communications, 2015, 6, 5860.	5.8	82
60	Crossover of two power laws in the anomalous diffusion of a two lipid membrane. Journal of Chemical Physics, 2015, 142, 215102.	1.2	28
61	Thermodynamics of Binding Between Proteins and Carbon Nanoparticles: The Case of C ₆₀ @Lysozyme. Journal of Physical Chemistry C, 2015, 119, 28077-28082.	1.5	40
62	Graphite Oxide and Aromatic Amines: Size Matters. Advanced Functional Materials, 2015, 25, 263-269.	7.8	44
63	Operations and Thermodynamics of an Artificial Rotary Molecular Motor in Solution. ChemPhysChem, 2014, 15, 1834-1840.	1.0	3
64	Imaging, photophysical properties and DFT calculations of manganese blue (barium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (mang 15297-15300.	2.2	12
65	Electrochemical Fabrication of Surface Chemical Gradients in Thiol Self-Assembled Monolayers with Tailored Work-Functions. Langmuir, 2014, 30, 11591-11598.	1.6	13
66	Atomistic molecular dynamics simulations reveal insights into adsorption, packing, and fluxes of molecules with carbon nanotubes. Journal of Materials Chemistry A, 2014, 2, 12123-12135.	5.2	41
67	Explaining Fullerene Dispersion by using Micellar Solutions. ChemPhysChem, 2014, 15, 2998-3005.	1.0	19
68	Redox active Double Wall Carbon Nanotubes show intrinsic anti-proliferative effects and modulate autophagy in cancer cells. Carbon, 2014, 78, 589-600.	5.4	9
69	C ₆₀ @Lysozyme: Direct Observation by Nuclear Magnetic Resonance of a 1:1 Fullerene Protein Adduct. ACS Nano, 2014, 8, 1871-1877.	7.3	70
70	Î±,Î¼-Hybrid Foldamers with 1,2,3-Triazole Rings: Order versus Disorder. Journal of Organic Chemistry, 2014, 79, 5958-5969.	1.7	14
71	Playing peekaboo with graphene oxide: a scanning electrochemical microscopy investigation. Chemical Communications, 2014, 50, 13117-13120.	2.2	30
72	Cl ^(âˆ—) Exchange S _N ² Reaction inside Carbon Nanotubes: Câ€™HÂˆÂˆ and ClÂˆÂˆ Interactions Govern the Course of the Reaction. Journal of Physical Chemistry C, 2014, 118, 5032-5040.	1.5	29

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73	Customizing Properties of β -Chitin in Squid Pen (<i>Gladius</i>) by Chemical Treatments. <i>Marine Drugs</i> , 2014, 12, 5979-5992.	2.2	31
74	A Strongly Emitting Liquid-Crystalline Derivative of $\text{Y}_3\text{N@C}_{80}$: Bright and Long-Lived Near-IR Luminescence from a Charge Transfer State. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12303-12307.	7.2	21
75	Morphological and mechanical characterization of composite calcite/SWCNT-COOH single crystals. <i>Nanoscale</i> , 2013, 5, 6944.	2.8	20
76	An Experimentally Observed Trimetallofullerene $\text{Sm}_3\text{Ih-C}_{80}$: Encapsulation of Three Metal Atoms in a Cage without a Nonmetallic Mediator. <i>Journal of the American Chemical Society</i> , 2013, 135, 4187-4190.	6.6	67
77	Rolling up a Graphene Sheet. <i>ChemPhysChem</i> , 2013, 14, 3447-3453.	1.0	49
78	And Yet it Moves! Microfluidics Without Channels and Troughs. <i>Advanced Functional Materials</i> , 2013, 23, 5543-5549.	7.8	22
79	The Devil and Holy Water: Protein and Carbon Nanotube Hybrids. <i>Accounts of Chemical Research</i> , 2013, 46, 2454-2463.	7.6	136
80	Reverse Engineering of Monolayers and Nanopatterns. <i>Advanced Materials</i> , 2013, 25, 449-455.	11.1	8
81	Common Force Field Thermodynamics of Cholesterol. <i>Scientific World Journal, The</i> , 2013, 2013, 1-7.	0.8	1
82	Temperature-Dependent Fluorescence of Cu_5 Metal Clusters: A Molecular Thermometer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9662-9665.	7.2	87
83	Role of Substrate in Directing the Self-Assembly of Multicomponent Supramolecular Networks at the Liquid-Solid Interface. <i>ACS Nano</i> , 2012, 6, 8381-8389.	7.3	74
84	Engineering molecular chains in carbon nanotubes. <i>Nanoscale</i> , 2012, 4, 7540.	2.8	6
85	Local Ice Melting by an Antifreeze Protein. <i>Biomacromolecules</i> , 2012, 13, 2046-2052.	2.6	18
86	GPU-accelerated computation of electron transfer. <i>Journal of Computational Chemistry</i> , 2012, 33, 2351-2356.	1.5	7
87	Amyloid- β fibril disruption by C60 molecular guidance for rational drug design. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8599.	1.3	56
88	Excitation Energy Transfer and Low-Efficiency Photolytic Splitting of Water Ice by Vacuum UV Light. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3610-3615.	2.1	11
89	Structural features of aquaporin 4 supporting the formation of arrays and junctions in biomembranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2234-2243.	1.4	7
90	Thermal collapse of snowflake fractals. <i>Chemical Physics Letters</i> , 2012, 543, 82-85.	1.2	1

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91	Shape Governs the Motion of Chemically Propelled Janus Swimmers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 592-598.	1.5	47
92	Stability, Dynamics, and Lubrication of MoS ₂ Platelets and Nanotubes. <i>Langmuir</i> , 2012, 28, 7393-7400.	1.6	80
93	A Simple Road for the Transformation of Few-Layer Graphene into MWNTs. <i>Journal of the American Chemical Society</i> , 2012, 134, 13310-13315.	6.6	58
94	Selective Enhancement of Photoluminescence in Filled Single-Walled Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2012, 22, 3202-3208.	7.8	40
95	Probing the Structure of Lysozyme-Carbon Nanotube Hybrids with Molecular Dynamics. <i>Chemistry - A European Journal</i> , 2012, 18, 4308-4313.	1.7	84
96	Conformational Selection and Folding-upon-binding of Intrinsically Disordered Protein CP12 Regulate Photosynthetic Enzymes Assembly. <i>Journal of Biological Chemistry</i> , 2012, 287, 21372-21383.	1.6	57
97	Fullerenol entrapment in calcite microspheres. <i>Chemical Communications</i> , 2011, 47, 10662.	2.2	10
98	Polymorphism and isomerisation of an azobenzene derivative on gold. <i>Chemical Communications</i> , 2011, 47, 8662.	2.2	3
99	The effect of temperature on the internal dynamics of dansylated POPAM dendrimers. <i>RSC Advances</i> , 2011, 1, 1778.	1.7	9
100	Laws of thermal diffusion of individual molecules on the gold surface. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13690.	1.3	5
101	In Silico Carborane Docking to Proteins and Potential Drug Targets. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 1882-1896.	2.5	43
102	Fullerene sorting proteins. <i>Nanoscale</i> , 2011, 3, 2873.	2.8	41
103	A computational analysis of the insertion of carbon nanotubes into cellular membranes. <i>Biomaterials</i> , 2011, 32, 7079-7085.	5.7	53
104	Dynamics of a lipid bilayer induced by electric fields. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9216.	1.3	8
105	A molecular dynamics investigation of structure and dynamics of SDS and SDBS micelles. <i>Soft Matter</i> , 2011, 7, 9148.	1.2	99
106	Fast Calculation of Electrostatic Potentials on the GPU or the ASIC MD-GRAPE-3. <i>Computer Journal</i> , 2011, 54, 1181-1187.	1.5	10
107	A RNA-based nanodevice recording temperature over time. <i>Chemical Physics</i> , 2010, 369, 91-95.	0.9	3
108	Dual-Gate Organic Field-Effect Transistors as Potentiometric Sensors in Aqueous Solution. <i>Advanced Functional Materials</i> , 2010, 20, 898-905.	7.8	136

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109	Controlled Hydrogenâ€Bond Breaking in a Rotaxane by Discrete Solvation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3896-3900.	7.2	32
110	Electronic structure and radial breathing mode for carbon nanotubes with ultraâ€high curvature. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2774-2778.	0.7	5
111	Nanopatterning of carbonaceous structures by field-induced carbon dioxide splitting with a force microscope. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	43
112	Baiting Proteins with C₆₀. <i>ACS Nano</i> , 2010, 4, 2283-2299.	7.3	104
113	Electric Field Effects on Short Fibrils of AÎ² Amyloid Peptides. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 3516-3526.	2.3	39
114	Quantum Study of Laser-Induced Initial Activation of Graphite-to-Diamond Conversion. <i>Journal of the American Chemical Society</i> , 2010, 132, 12166-12167.	6.6	9
115	Electronic Structure of Carbon Nanotubes with Ultrahigh Curvature. <i>ACS Nano</i> , 2010, 4, 4515-4522.	7.3	57
116	Splitting CO₂ with Electric Fields: A Computational Investigation. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3256-3260.	2.1	34
117	Internal Dynamics and Energy Transfer in Dansylated POPAM Dendrimers and Their Eosin Complexes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1548-1558.	1.2	15
118	What Is Adenine Doing in Photolyase?. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4101-4106.	1.2	38
119	Molecules on gold. <i>Chemical Communications</i> , 2010, 46, 667-676.	2.2	28
120	Sensing Biomolecules with Ultra-Thin Film Organic Field Effect Transistors. <i>Biophysical Journal</i> , 2010, 98, 658a.	0.2	1
121	Hydroxyl vacancies in single-walled aluminosilicate and aluminogermanate nanotubes. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 195301.	0.7	20
122	Dynamics of molecular self-ordering in tetraphenyl porphyrin monolayers on metallic substrates. <i>Nanotechnology</i> , 2009, 20, 275602.	1.3	75
123	A Carbon Nanoâ€Onionâ€Ferrocene Donorâ€Acceptor System: Synthesis, Characterization and Properties. <i>Chemistry - A European Journal</i> , 2009, 15, 4419-4427.	1.7	58
124	Quantitative analysis of charge-carrier trapping in organic thin-film transistors from transfer characteristics. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 55-60.	1.1	17
125	FTâ€Raman characterization of the antipodal bisâ€adduct of C₆₀ and anthracene. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2794-2797.	0.7	5
126	Wrapping Nanotubes with Micelles, Hemimicelles, and Cylindrical Micelles. <i>Small</i> , 2009, 5, 2191-2198.	5.2	77

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127	Introducing temperature dependence in an enhanced Poisson-Boltzmann approach. <i>Chemical Physics Letters</i> , 2009, 480, 313-317.	1.2	7
128	Intermolecular Repulsion through Interfacial Attraction: Toward Engineering of Polymorphs. <i>Journal of the American Chemical Society</i> , 2009, 131, 15655-15659.	6.6	32
129	Multistate Photo-Induced Relaxation and Photoisomerization Ability of Fumaramide Threads: A Computational and Experimental Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 104-117.	6.6	27
130	Water-induced polaron formation at the pentacene surface: Quantum mechanical molecular mechanics simulations. <i>Physical Review B</i> , 2009, 79, .	1.1	44
131	Effects of Electric Field Stress on a β -Amyloid Peptide. <i>Journal of Physical Chemistry B</i> , 2009, 113, 369-376.	1.2	83
132	Branched Substituents Generate Improved Supramolecular Ordering in Physisorbed Molecular Assemblies. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4955-4959.	1.5	11
133	Polyarene-Functionalized Fullerenes in Carbon Nanotubes: Towards Controlled Geometry of Molecular Chains. <i>Small</i> , 2008, 4, 2262-2270.	5.2	21
134	Interactions of Aromatic Heterocycles with Water: The Driving Force from Free-Rotational Spectroscopy and Model Electrostatic Calculations. <i>ChemPhysChem</i> , 2008, 9, 1303-1308.	1.0	10
135	Shaping of a Conformationally Flexible Molecular Structure for Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3174-3179.	7.2	29
136	Cadiot-Chodkiewicz Active Template Synthesis of Rotaxanes and Switchable Molecular Shuttles with Weak Intercomponent Interactions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4392-4396.	7.2	101
137	Double-wall carbon nanotubes: The outer shell may pattern the structure of the inner one. <i>Chemical Physics Letters</i> , 2008, 463, 139-140.	1.2	12
138	Growth of <i>p</i> - and <i>n</i> -Dopable Films from Electrochemically Generated C_{60} Cations. <i>Journal of the American Chemical Society</i> , 2008, 130, 3788-3796.	6.6	35
139	The Erratic Emission of Pyrene on Gold Nanoparticles. <i>ACS Nano</i> , 2008, 2, 77-84.	7.3	60
140	Molecular Mechanism of Water Bridge Buildup: Field-Induced Formation of Nanoscale Menisci. <i>Langmuir</i> , 2008, 24, 6116-6120.	1.6	86
141	Singling out the Electrochemistry of Individual Single-Walled Carbon Nanotubes in Solution. <i>Journal of the American Chemical Society</i> , 2008, 130, 7393-7399.	6.6	99
142	Driving Force for the Adsorption of Sexithiophene on Gold. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19516-19520.	1.5	11
143	Atomistic Simulation of "Drop-on-Demand" Inkjet Dynamics. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10616-10621.	1.5	5
144	On-the-Fly, Electric-Field-Driven, Coupled Electron-Nuclear Dynamics. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9650-9656.	1.1	36

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145	Self-assembly of semifluorinated n-alkanethiols on {111}-oriented Au investigated with scanning tunneling microscopy experiment and theory. <i>Journal of Chemical Physics</i> , 2007, 127, 024702.	1.2	11
146	Towards Understanding Different Spatial and Temporal Scales. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
147	Extremely Strong and Readily Accessible AAA~DDD Triple Hydrogen Bond Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 476-477.	6.6	103
148	Role of the Intracellular Cavity in Potassium Channel Conductivity. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13993-14000.	1.2	13
149	Adsorption of Organic Molecules on Gold Electrodes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13879-13885.	1.5	22
150	Synthetic Molecular Motors and Mechanical Machines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 72-191.	7.2	2,428
151	Molecular Dynamics of Nanobubbles~™ Collapse in Ionic Solutions. <i>ChemPhysChem</i> , 2007, 8, 47-49.	1.0	13
152	Charge~Metal Interaction of a Carbon Nanotube. <i>ChemPhysChem</i> , 2007, 8, 1005-1008.	1.0	9
153	Dynamics of Thiolate Chains on a Gold Nanoparticle. <i>Small</i> , 2007, 3, 386-388.	5.2	42
154	C₆₀ on Gold: Adsorption, Motion, and Viscosity. <i>Small</i> , 2007, 3, 1694-1698.	5.2	19
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156	Potential energy surface and kinetics of the helix~coil transition in a 33-peptide. <i>Theoretical Chemistry Accounts</i> , 2007, 118, 25-34.	0.5	3
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