Kasper Moth-Poulsen

List of Publications by Year
in descending order

155	7,381	53939	71088
papers	citations	47 h-index	80 g-index

169	169	169	8686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, characterization and computational evaluation of bicyclooctadienes towards molecular solar thermal energy storage. Chemical Science, 2022, 13, 834-841.	3.7	14
2	Thermo-optical performance of molecular solar thermal energy storage films. Applied Energy, 2022, 310, 118541.	5.1	11
3	Approaching the Spin-Statistical Limit in Visible-to-Ultraviolet Photon Upconversion. Journal of the American Chemical Society, 2022, 144, 3706-3716.	6.6	45
4	Chip-scale solar thermal electrical power generation. Cell Reports Physical Science, 2022, 3, 100789.	2.8	18
5	A rechargeable molecular solar thermal system below 0 Â°C. Chemical Science, 2022, 13, 6950-6958.	3.7	21
6	Status and challenges for molecular solar thermal energy storage system based devices. Chemical Society Reviews, 2022, 51, 7313-7326.	18.7	40
7	Single molecule electronic devices with carbon-based materials: status and opportunity. Nanoscale, 2021, 13, 659-671.	2.8	18
8	Photon upconverting bioplastics with high efficiency and in-air durability. Journal of Materials Chemistry C, 2021, 9, 11655-11661.	2.7	13
9	Photoisomerization Efficiency of a Solar Thermal Fuel in the Strong Coupling Regime. Advanced Functional Materials, 2021, 31, 2010737.	7.8	32
10	Highly Permeable Fluorinated Polymer Nanocomposites for Plasmonic Hydrogen Sensing. ACS Applied Materials & Interfaces, 2021, 13, 21724-21732.	4.0	17
11	Intramolecular Tripletâ€“Triplet Annihilation Photon Upconversion in Diffusionally Restricted Anthracene Polymer. Journal of Physical Chemistry B, 2021, 125, 6255-6263.	1.2	19
12	Tuning Electrostatic Gating of Semiconducting Carbon Nanotubes by Controlling Protein Orientation in Biosensing Devices. Angewandte Chemie - International Edition, 2021, 60, 20184-20189.	7.2	15
13	Tuning Electrostatic Gating of Semiconducting Carbon Nanotubes by Controlling Protein Orientation in Biosensing Devices. Angewandte Chemie, 2021, 133, 20346-20351.	1.6	3
14	Robust Colloidal Synthesis of Palladiumâ€“Gold Alloy Nanoparticles for Hydrogen Sensing. ACS Applied Materials & Interfaces, 2021, 13, 45758-45767.	4.0	7
15	Liquidâ€Based Multijunction Molecular Solar Thermal Energy Collection Device. Advanced Science, 2021, 8, e2103060.	5.6	27
16	Catalytically active and thermally stable coreâ€“shell goldâ€“silica nanorods for CO oxidation. RSC Advances, 2021, 11, 11642-11650.	1.7	3
17	Synthesis of highly monodisperse Pd nanoparticles using a binary surfactant combination and sodium oleate as a reductant. Nanoscale Advances, 2021, 3, 2481-2487.	2.2	3
18	Investigation of the Structural and Thermochemical Properties of [2.2.2]-Bicyclooctadiene Photoswitches. Journal of Physical Chemistry A, 2021, 125, 10330-10339.	1.1	8

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19	Storing energy with molecular photoisomers. Joule, 2021, 5, 3116-3136.	11.7	86
20	InnenrÃ¼cktitelbild: A Memristive Element Based on an Electrically Controlled Singleâ€Molecule Reaction (Angew. Chem. 28/2020). Angewandte Chemie, 2020, 132, 11767-11767.	1.6	0
21	Engineering of Norbornadiene/Quadricyclane Photoswitches for Molecular Solar Thermal Energy Storage Applications. Accounts of Chemical Research, 2020, 53, 1478-1487.	7.6	91
22	A Nonâ€Conjugated Polymer Acceptor for Efficient and Thermally Stable Allâ€Polymer Solar Cells. Angewandte Chemie, 2020, 132, 20007-20012.	1.6	16
23	A Nonâ€Conjugated Polymer Acceptor for Efficient and Thermally Stable Allâ€Polymer Solar Cells. Angewandte Chemie - International Edition, 2020, 59, 19835-19840.	7.2	105
24	Covalent incorporation of diphenylanthracene in oxotriphenylhexanoate organogels as a quasi-solid photon upconversion matrix. Journal of Chemical Physics, 2020, 153, 214705.	1.2	11
25	Bulk-Processed Pd Nanocubeâ€“Poly(methyl methacrylate) Nanocomposites as Plasmonic Plastics for Hydrogen Sensing. ACS Applied Nano Materials, 2020, 3, 8438-8445.	2.4	20
26	Microwaveâ€heated Î³â€Alumina Applied to the Reduction of Aldehydes to Alcohols. ChemCatChem, 2020, 12, 6344-6355.	1.8	6
27	Tripletâ€“triplet annihilation based near infrared to visible molecular photon upconversion. Chemical Society Reviews, 2020, 49, 6529-6554.	18.7	181
28	Evolution from Tunneling to Hopping Mediated Triplet Energy Transfer from Quantum Dots to Molecules. Journal of the American Chemical Society, 2020, 142, 17581-17588.	6.6	28
29	Constructing a library of metal and metalâ€“oxide nanoparticle heterodimers through colloidal assembly. Nanoscale, 2020, 12, 11297-11305.	2.8	6
30	Photo- and Collision-Induced Isomerization of a Charge-Tagged Norbornadieneâ€“Quadricyclane System. Journal of Physical Chemistry Letters, 2020, 11, 6045-6050.	2.1	15
31	Photochemical Phase Transitions Enable Coharvesting of Photon Energy and Ambient Heat for Energetic Molecular Solar Thermal Batteries That Upgrade Thermal Energy. Journal of the American Chemical Society, 2020, 142, 12256-12264.	6.6	96
32	Impact of Surfactants and Stabilizers on Palladium Nanoparticleâ€“Hydrogen Interaction Kinetics: Implications for Hydrogen Sensors. ACS Applied Nano Materials, 2020, 3, 2647-2653.	2.4	24
33	A Memristive Element Based on an Electrically Controlled Singleâ€Molecule Reaction. Angewandte Chemie - International Edition, 2020, 59, 11641-11646.	7.2	37
34	Donor-Acceptor Substituted Benzo-, Naphtho- and Phenanthro-Fused Norbornadienes. Molecules, 2020, 25, 322.	1.7	18
35	Synthesis of Palladium Nanodendrites Using a Mixture of Cationic and Anionic Surfactants. Langmuir, 2020, 36, 1745-1753.	1.6	17
36	Establishing linear-free-energy relationships for the quadricyclane-to-norbornadiene reaction. Organic and Biomolecular Chemistry, 2020, 18, 2113-2119.	1.5	6

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37	Electrochemically controlled energy release from a norbornadiene-based solar thermal fuel: increasing the reversibility to 99.8% using HOPG as the electrode material. Journal of Materials Chemistry A, 2020, 8, 15658-15664.	5.2	25
38	Norbornadiene photoswitches anchored to well-defined oxide surfaces: From ultrahigh vacuum into the liquid and the electrochemical environment. Journal of Chemical Physics, 2020, 152, 044708.	1.2	18
39	Understanding Interactions Driving the Template-Directed Self-Assembly of Colloidal Nanoparticles at Surfaces. Journal of Physical Chemistry C, 2020, 124, 4660-4667.	1.5	5
40	A Memristive Element Based on an Electrically Controlled Singleâ€Molecule Reaction. Angewandte Chemie, 2020, 132, 11738-11743.	1.6	5
41	Macroscopic heat release in a molecular solar thermal energy storage system. Energy and Environmental Science, 2019, 12, 187-193.	15.6	120
42	Ionic liquid based battery electrolytes using lithium and sodium pseudo-delocalized pyridinium anion salts. Physical Chemistry Chemical Physics, 2019, 21, 18393-18399.	1.3	2
43	Water-in-Bisalt Electrolyte with Record Salt Concentration and Widened Electrochemical Stability Window. Journal of Physical Chemistry Letters, 2019, 10, 4942-4946.	2.1	29
44	Continuous Microfluidic Synthesis of Pd Nanocubes and PdPt Coreâ€“Shell Nanoparticles and Their Catalysis of NO₂ Reduction. ACS Applied Materials & Interfaces, 2019, 11, 36196-36204.	4.0	41
45	Norbornadieneâ€“dihydroazulene conjugates. Organic and Biomolecular Chemistry, 2019, 17, 7735-7746.	1.5	25
46	Intermolecular London Dispersion Interactions of Azobenzene Switches for Tuning Molecular Solar Thermal Energy Storage Systems. ChemPlusChem, 2019, 84, 1145-1148.	1.3	34
47	Electrochemically controlled energy storage in a norbornadiene-based solar fuel with 99% reversibility. Nano Energy, 2019, 63, 103872.	8.2	31
48	Solvent-free lithium and sodium containing electrolytes based on pseudo-delocalized anions. Chemical Communications, 2019, 55, 632-635.	2.2	9
49	Dithiafulvene derivatized donorâ€“acceptor norbornadienes with redshifted absorption. Physical Chemistry Chemical Physics, 2019, 21, 3092-3097.	1.3	13
50	Solar energy storage at an atomically defined organic-oxide hybrid interface. Nature Communications, 2019, 10, 2384.	5.8	37
51	Demonstration of an azobenzene derivative based solar thermal energy storage system. Journal of Materials Chemistry A, 2019, 7, 15042-15047.	5.2	75
52	Solar Energy Storage by Molecular Norbornadieneâ€“Quadricyclane Photoswitches: Polymer Film Devices. Advanced Science, 2019, 6, 1900367.	5.6	45
53	Tuningâ€‰Molecular Solar Thermal Properties by Modification of a Promising Norbornadiene Photoswitch. European Journal of Organic Chemistry, 2019, 2019, 2354-2361.	1.2	10
54	Solvent Effects on the Absorption Profile, Kinetic Stability, and Photoisomerization Process of the Norbornadieneâ€“Quadricyclanes System. Journal of Physical Chemistry C, 2019, 123, 7081-7087.	1.5	27

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55	From Single Molecules to Thin Film Electronics, Nanofibers, eâ€Textiles and Power Cables: Bridging Length Scales with Organic Semiconductors. Advanced Materials, 2019, 31, e1807286.	11.1	20
56	Towards efficient solid-state tripletâ€“triplet annihilation based photon upconversion: Supramolecular, macromolecular and self-assembled systems. Coordination Chemistry Reviews, 2018, 362, 54-71.	9.5	201
57	Release of Terminal Alkynes via Tandem Photodeprotection and Decarboxylation of o-Nitrobenzyl Arylpropiolates in a Flow Microchannel Reactor. Bioconjugate Chemistry, 2018, 29, 1178-1185.	1.8	5
58	Liquid Norbornadiene Photoswitches for Solar Energy Storage. Advanced Energy Materials, 2018, 8, 1703401.	10.2	61
59	Singlet and triplet energy transfer dynamics in self-assembled axial porphyrinâ€“anthracene complexes: towards supra-molecular structures for photon upconversion. Physical Chemistry Chemical Physics, 2018, 20, 7549-7558.	1.3	23
60	A gold-nanoparticle stoppered [2]rotaxane. Nanoscale, 2018, 10, 9133-9140.	2.8	9
61	Probing variable range hopping lengths by magneto conductance in carbonized polymer nanofibers. Scientific Reports, 2018, 8, 4948.	1.6	7
62	Molecular Solar-Thermal Energy Storage: Molecular Design and Functional Devices. Green Chemistry and Sustainable Technology, 2018, , 327-352.	0.4	11
63	Nanoelectrode Gaps: Parallel Fabrication of Selfâ€Assembled Nanogaps for Molecular Electronic Devices (Small 50/2018). Small, 2018, 14, 1870243.	5.2	1
64	Uniform doping of graphene close to the Dirac point by polymer-assisted assembly of molecular dopants. Nature Communications, 2018, 9, 3956.	5.8	61
65	Three-Input Molecular Keypad Lock Based on a Norbornadieneâ€“Quadricyclane Photoswitch. Journal of Physical Chemistry Letters, 2018, 9, 6174-6178.	2.1	23
66	Parallel Fabrication of Selfâ€Assembled Nanogaps for Molecular Electronic Devices. Small, 2018, 14, 1803471.	5.2	9
67	Triazoleâ€Functionalized Norbornadieneâ€Quadricyclane Photoswitches for Solar Energy Storage. European Journal of Organic Chemistry, 2018, 2018, 4465-4474.	1.2	6
68	Molecular solar thermal energy storage in photoswitch oligomers increases energy densities and storage times. Nature Communications, 2018, 9, 1945.	5.8	104
69	Norbornadieneâ€Based Photoswitches with Exceptional Combination of Solar Spectrum Match and Longâ€Term Energy Storage. Chemistry - A European Journal, 2018, 24, 12767-12772.	1.7	67
70	Heteroaryl-linked norbornadiene dimers with redshifted absorptions. Organic and Biomolecular Chemistry, 2018, 16, 5585-5590.	1.5	27
71	Turn-off mode fluorescent norbornadiene-based photoswitches. Physical Chemistry Chemical Physics, 2018, 20, 23195-23201.	1.3	17
72	Reconfigurable Carbon Nanotube Multiplexed Sensing Devices. Nano Letters, 2018, 18, 4130-4135.	4.5	52

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73	Heterogeneity in the fluorescence of graphene and graphene oxide quantum dots. Mikrochimica Acta, 2017, 184, 871-878.	2.5	47
74	CdS/ZnS coreâ€“shell nanocrystal photosensitizers for visible to UV upconversion. Chemical Science, 2017, 8, 5488-5496.	3.7	98
75	Unraveling factors leading to efficient norbornadieneâ€“quadricyclane molecular solar-thermal energy storage systems. Journal of Materials Chemistry A, 2017, 5, 12369-12378.	5.2	65
76	Loss channels in tripletâ€“triplet annihilation photon upconversion: importance of annihilator singlet and triplet surface shapes. Physical Chemistry Chemical Physics, 2017, 19, 10931-10939.	1.3	98
77	Effect of Ring Strain on the Charge Transport of a Robust Norbornadieneâ€“Quadricyclane-Based Molecular Photoswitch. Journal of Physical Chemistry C, 2017, 121, 7094-7100.	1.5	42
78	FRET enhancement close to gold nanoparticles positioned in DNA origami constructs. Nanoscale, 2017, 9, 673-683.	2.8	59
79	Synthesis of Cu Nanoparticles: Stability and Conversion into Cu2S Nanoparticles by Decomposition of Alkanethiolate. Langmuir, 2017, 33, 13272-13276.	1.6	8
80	Guided selective deposition of nanoparticles by tuning of the surface potential. Europhysics Letters, 2017, 119, 18004.	0.7	3
81	Evaluating Dihydroazulene/Vinylheptafulvene Photoswitches for Solar Energy Storage Applications. ChemSusChem, 2017, 10, 3000-3000.	3.6	2
82	Robust tripletâ€“triplet annihilation photon upconversion by efficient oxygen scavenging. Photochemical and Photobiological Sciences, 2017, 16, 1327-1334.	1.6	50
83	Evaluating Dihydroazulene/Vinylheptafulvene Photoswitches for Solar Energy Storage Applications. ChemSusChem, 2017, 10, 3049-3055.	3.6	67
84	Exploring the potential of a hybrid device combining solar water heating and molecular solar thermal energy storage. Energy and Environmental Science, 2017, 10, 728-734.	15.6	106
85	Optimization of Norbornadiene Compounds for Solar Thermal Storage by Firstâ€Principles Calculations. ChemSusChem, 2016, 9, 1786-1794.	3.6	38
86	Optimization of Norbornadiene Compounds for Solar Thermal Storage by First-Principles Calculations. ChemSusChem, 2016, 9, 1745-1745.	3.6	2
87	Apparent Power Law Scaling of Variable Range Hopping Conduction in Carbonized Polymer Nanofibers. Scientific Reports, 2016, 6, 37783.	1.6	8
88	Comparative Ab-Initio Study of Substituted Norbornadiene-Quadricyclane Compounds for Solar Thermal Storage. Journal of Physical Chemistry C, 2016, 120, 3635-3645.	1.5	71
89	Tuning the photochemical properties of the fulvalene-tetracarbonyl-diruthenium system. Dalton Transactions, 2016, 45, 8740-8744.	1.6	37
90	Intramolecular Tripletâ€“Triplet Annihilation Upconversion in 9,10-Diphenylanthracene Oligomers and Dendrimers. Journal of Physical Chemistry C, 2016, 120, 23397-23406.	1.5	56

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91	Low Molecular Weight Norbornadiene Derivatives for Molecular Solarâ€Thermal Energy Storage. Chemistry - A European Journal, 2016, 22, 13265-13274.	1.7	107
92	Porphyrinâ€“Anthracene Complexes: Potential in Tripletâ€“Triplet Annihilation Upconversion. Journal of Physical Chemistry C, 2016, 120, 19018-19026.	1.5	49
93	Fluorine-free salts for aqueous lithium-ion and sodium-ion battery electrolytes. RSC Advances, 2016, 6, 85194-85201.	1.7	15
94	Controlling deposition of nanoparticles by tuning surface charge of SiO₂by surface modifications. RSC Advances, 2016, 6, 104246-104253.	1.7	30
95	Photon upconversion with directed emission. Nature Communications, 2016, 7, 12689.	5.8	40
96	Understanding the Phase Diagram of Self-Assembled Monolayers of Alkanethiolates on Gold. Journal of Physical Chemistry C, 2016, 120, 12059-12067.	1.5	27
97	Copper-coordinating polymers for marine anti-fouling coatings: A physicochemical and electrochemical study of ternary system of copper, PMMA and poly(TBTA). Progress in Organic Coatings, 2016, 97, 216-221.	1.9	9
98	Evaluating Conditions for Strong Coupling between Nanoparticle Plasmons and Organic Dyes Using Scattering and Absorption Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 20588-20596.	1.5	58
99	Designing photoswitches for molecular solar thermal energy storage. Tetrahedron Letters, 2015, 56, 1457-1465.	0.7	183
100	PROFILE: Early Excellence in Physical Organic Chemistry. Journal of Physical Organic Chemistry, 2015, 28, 171-171.	0.9	0
101	Being two is better than oneâ€”catalytic reductions with dendrimer encapsulated copper- and copperâ€“cobalt-subnanoparticles. Chemical Communications, 2015, 51, 9957-9960.	2.2	10
102	A Convenient Route to 2-Bromo-3-chloronorbornadiene and 2,3-Dibromonorbornadiene. Synlett, 2015, 26, 1501-1504.	1.0	15
103	Photophysical characterization of the 9,10-disubstituted anthracene chromophore and its applications in tripletâ€“triplet annihilation photon upconversion. Journal of Materials Chemistry C, 2015, 3, 11111-11121.	2.7	119
104	Cu(<scp>i</scp>) stabilizing crosslinked polyethyleneimine. Physical Chemistry Chemical Physics, 2015, 17, 18327-18336.	1.3	17
105	Hydride formation thermodynamics and hysteresis in individual Pd nanocrystals withÂdifferent size and shape. Nature Materials, 2015, 14, 1236-1244.	13.3	160
106	Monofunctionalization and Dimerization of Nanoparticles Using Coordination Chemistry. ACS Nano, 2015, 9, 1434-1439.	7.3	17
107	Exploring the Potential of Fulvalene Dimetals as Platforms for Molecular Solar Thermal Energy Storage: Computations, Syntheses, Structures, Kinetics, and Catalysis. Chemistry - A European Journal, 2014, 20, 15587-15604.	1.7	35
108	Photon up-conversion and molecular solar thermal energy storage: New materials and devices. , 2014, , .		0

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109	Fluorinated fulvalene ruthenium compound for molecular solar thermal applications. Journal of Fluorine Chemistry, 2014, 161, 24-28.	0.9	23
110	Tripletâ€“triplet annihilation photon-upconversion: towards solar energy applications. Physical Chemistry Chemical Physics, 2014, 16, 10345-10352.	1.3	290
111	Diaryl-substituted norbornadienes with red-shifted absorption for molecular solar thermal energy storage. Chemical Communications, 2014, 50, 5330-5332.	2.2	96
112	Anisotropic growth of gold nanoparticles using cationic gemini surfactants: effects of structure variations in head and tail groups. Journal of Materials Chemistry C, 2014, 2, 994-1003.	2.7	39
113	Conjugated anthracene dendrimers with monomer-like fluorescence. RSC Advances, 2014, 4, 19846-19850.	1.7	6
114	The conquest of middle-earth: combining top-down and bottom-up nanofabrication for constructing nanoparticle based devices. Nanoscale, 2014, 6, 14605-14616.	2.8	33
115	Single-molecule electronics: from chemical design to functional devices. Chemical Society Reviews, 2014, 43, 7378-7411.	18.7	433
116	Additional Article Notification: Anisotropic growth of gold nanoparticles using cationic gemini surfactants: effects of structure variations in head and tail groups. Journal of Materials Chemistry C, 2014, 2, 3476.	2.7	0
117	Research Update: Progress in synthesis of nanoparticle dimers by self-assembly. APL Materials, 2014, 2, .	2.2	22
118	A Versatile Self-Assembly Strategy for the Synthesis of Shape-Selected Colloidal Noble Metal Nanoparticle Heterodimers. Langmuir, 2014, 30, 3041-3050.	1.6	73
119	One-pot synthesis of TBTA-functionalized coordinating polymers. Reactive and Functional Polymers, 2014, 82, 1-8.	2.0	11
120	A photolabile protection strategy for terminal alkynes. Tetrahedron Letters, 2013, 54, 5426-5429.	0.7	10
121	Toward Plasmonic Biosensors Functionalized by a Photoinduced Surface Reaction. Journal of Physical Chemistry C, 2013, 117, 14751-14758.	1.5	8
122	Photon upconversion facilitated molecular solar energy storage. Journal of Materials Chemistry A, 2013, 1, 8521.	5.2	124
123	Direct measurement and modulation of single-molecule coordinative bonding forces in a transition metal complex. Nature Communications, 2013, 4, 2121.	5.8	43
124	Deterministic assembly of linear gold nanorod chains as a platform for nanoscale applications. Nanoscale, 2013, 5, 8680.	2.8	36
125	Quantum interference effects at room temperature in OPV-based single-molecule junctions. Nanoscale Research Letters, 2013, 8, 234.	3.1	48
126	Progress in self-assembled single-molecule electronic devices. Journal of Materials Chemistry C, 2013, 1, 7127.	2.7	33

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127	Efficiency Limit of Molecular Solar Thermal Energy Collecting Devices. ACS Sustainable Chemistry and Engineering, 2013, 1, 585-590.	3.2	90
128	Aligned Growth of Gold Nanorods in PMMA Channels: Parallel Preparation of Nanogaps. ACS Nano, 2012, 6, 3861-3867.	7.3	19
129	Molecular solar thermal (MOST) energy storage and release system. Energy and Environmental Science, 2012, 5, 8534.	15.6	171
130	Xâ€ray Transient Absorption and Picosecond IR Spectroscopy of Fulvalene(tetracarbonyl)diruthenium on Photoexcitation. Angewandte Chemie - International Edition, 2012, 51, 7692-7696.	7.2	47
131	Monitoring the Aggregation of Single Casein Micelles Using Fluorescence Microscopy. Langmuir, 2011, 27, 866-869.	1.6	9
132	Voltammetry and in situscanning tunnelling spectroscopy of osmium, iron, and ruthenium complexes of 2,2â€²:6â€²,2â€²â€²-terpyridine covalently linked to Au(111)-electrodes. Physical Chemistry Chemical Physics, 2011, 13, 14394.	3.1	17
133	Nonâ€Volatile Photochemical Gating of an Epitaxial Graphene/Polymer Heterostructure. Advanced Materials, 2011, 23, 878-882.	11.1	130
134	Engineering and metrology of epitaxial graphene. Solid State Communications, 2011, 151, 1094-1099.	0.9	23
135	From Nanofabrication to Self-fabrication â€“ Tailored Chemistry for Control of Single Molecule Electronic Devices. Chimia, 2010, 64, 404.	0.3	5
136	Gold nanorods employed in a self-assembly strategy for single molecule electronics. , 2010, , .		0
137	Electrical Manipulation of Spin States in a Single Electrostatically Gated Transition-Metal Complex. Nano Letters, 2010, 10, 105-110.	4.5	157
138	Solution-Based Fabrication of Single-Crystalline Arrays of Organic Nanowires. Langmuir, 2010, 26, 1130-1136.	1.6	50
139	First Step in Chemical Preparation of Metal Nanogaps Bridged by Thiol End-Capped Molecular Wires. Journal of Physical Chemistry B, 2010, 114, 11771-11777.	1.2	9
140	Optically Induced Linking of Protein and Nanoparticles to Gold Surfaces. Bioconjugate Chemistry, 2010, 21, 1056-1061.	1.8	6
141	Self-assembled nanogaps for molecular electronics. Nanotechnology, 2009, 20, 245205.	1.3	18
142	Bis[S-6-(2,2:6â€²,2â€²â€²-terpyridin-4â€²-yloxy)hexyl thioacetate]manganese(II) bis(hexafluorophosphate). Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, m14-m16.	0.4	1
143	Molecular electronics with single molecules in solid-state devices. Nature Nanotechnology, 2009, 4, 551-556.	15.6	356
144	Self-Assembled Nanogaps via Seed-Mediated Growth of End-to-End Linked Gold Nanorods. ACS Nano, 2009, 3, 828-834.	7.3	54

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145	Electronic Transport in Single Molecule Junctions:â€‰ Control of the Molecule-Electrode Coupling through Intramolecular Tunneling Barriers. Nano Letters, 2008, 8, 1-5.	4.5	163
146	Chiral dendrimer encapsulated Pd and Rh nanoparticles. Chemical Communications, 2008, , 2358.	2.2	25
147	Polymer-Templated Self-Assembly of a 2-Dimensional Gold Nanoparticle Network. Langmuir, 2008, 24, 3905-3910.	1.6	42
148	Voltammetry and Electrocatalysis of Achromobacter Xylosoxidans Copper Nitrite Reductase on Functionalized Au(111)-Electrode Surfaces. Zeitschrift Fur Physikalische Chemie, 2007, 221, 1343-1378.	1.4	19
149	Scanning Tunneling Spectroscopy in an Ionic Liquid. Journal of the American Chemical Society, 2006, 128, 6574-6575.	6.6	92
150	In situscanning tunnelling spectroscopy of inorganic transition metal complexes. Faraday Discussions, 2006, 131, 265-279.	1.6	97
151	Synthetic protocols and building blocks for molecular electronics. Tetrahedron, 2005, 61, 12288-12295.	1.0	39
152	Probing the Effects of Conjugation Path on the Electronic Transmission through Single Molecules Using Scanning Tunneling Microscopy. Nano Letters, 2005, 5, 783-785.	4.5	74
153	Self-Assembly and Conductive Properties of Molecularly Linked Gold Nanowires. Nano Letters, 2004, 4, 19-22.	4.5	70
154	Microwave Assisted Condensation of Aromatic Methyl Groups with Aromatic Aldehydes. Synthetic Communications, 2004, 34, 2215-2221.	1.1	1
155	Poly(amidoamine)-Dendrimer-Stabilized Pd(0) Nanoparticles as a Catalyst for the Suzuki Reaction. Langmuir, 2003, 19, 7682-7684.	1.6	156