Kasper NÃ¸rgaard

List of Publications by Year
in descending order

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42 papers	1,519 citations	257357 24 h-index	302012 39 g-index
46 all docs	46 docs citations	46 times ranked	2354 citing authors

#	Article	IF	Citations
1	Molecular Dynamics Simulation of Amphiphilic Bistable [2]Rotaxane Langmuir Monolayers at the Air/Water Interface. Journal of the American Chemical Society, 2005, 127, 14804-14816.	6.6	102
2	Solutionâ€Processed Ultrathin Chemically Derived Graphene Films as Soft Top Contacts for Solidâ€State Molecular Electronic Junctions. Advanced Materials, 2012, 24, 1333-1339.	11.1	82
3	Langmuirâ^'Blodgett Films of Alkane Chalcogenide (S,Se,Te) Stabilized Gold Nanoparticles. Nano Letters, 2001, 1, 189-191.	4.5	76
4	Ultrathin Reduced Graphene Oxide Films as Transparent Topâ€Contacts for Light Switchable Solidâ€State Molecular Junctions. Advanced Materials, 2013, 25, 4164-4170.	11.1	75
5	Self-Assembly and Conductive Properties of Molecularly Linked Gold Nanowires. Nano Letters, 2004, 4, 19-22.	4.5	70
6	Structural Evidence of Mechanical Shuttling in Condensed Monolayers of Bistable Rotaxane Molecules. Angewandte Chemie - International Edition, 2005, 44, 7035-7039.	7.2	70
7	Graphene Oxide: A One- versus Two-Component Material. Journal of the American Chemical Society, 2016, 138, 11445-11448.	6.6	66
8	Adaptive chemistry of bifunctional gold nanoparticles at the air/water interface. A synchrotron X-ray study of giant amphiphiles. Faraday Discussions, 2004, 125, 221-233.	1.6	65
9	A clamp-like biohybrid catalyst for DNA oxidation. Nature Chemistry, 2013, 5, 945-951.	6.6	64
10	Supramolecular chemistry on water â€“ towards self-assembling molecular electronic circuitry. Chemical Communications, 2005, , 1812-1823.	2.2	63
11	Direct observation of oxygen configuration on individual graphene oxide sheets. Carbon, 2018, 127, 141-148.	5.4	62
12	Highly Conductive Semitransparent Graphene Circuits Screenâ€Printed from Waterâ€Based Graphene Oxide Ink. Advanced Materials Technologies, 2017, 2, 1700011.	3.0	59
13	A Comprehensive Study of Extended Tetrathiafulvalene Cruciform Molecules for Molecular Electronics: Synthesis and Electrical Transport Measurements. Journal of the American Chemical Society, 2014, 136, 16497-16507.	6.6	55
14	Macroscopic Alignment of Graphene Stacks by Langmuirâ^'Blodgett Deposition of Amphiphilic Hexabenzocoronenes. Langmuir, 2004, 20, 4139-4146.	1.6	46
15	Role of redox centre in charge transport investigated by novel self-assembled conjugated polymer molecular junctions. Nature Communications, 2015, 6, 7478.	5.8	43
16	In-Place Modulation of Rectification in Tunneling Junctions Comprising Self-Assembled Monolayers. Nano Letters, 2018, 18, 7552-7559.	4.5	41
17	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
18	Molecular Junctions Based on SAMs of Cruciform Oligo(phenylene ethynylene)s. Langmuir, 2012, 28, 4016-4023.	1.6	38

#	Article	IF	Citations
19	Wet Chemical Synthesis of Soluble Gold Nanogaps. Accounts of Chemical Research, 2014, 47, 2-11.	7.6	33
20	Evidence of Strong Hydration and Significant Tilt of Amphiphilic [2]Rotaxane Molecules in Langmuir Films Studied by Synchrotron X-ray Reflectivity. Journal of Physical Chemistry B, 2005, 109, 1063-1066.	1.2	31
21	Triazatriangulene as Binding Group for Molecular Electronics. Langmuir, 2014, 30, 14868-14876.	1.6	29
22	Molecular Heterojunctions of Oligo(phenylene ethynylene)s with Linear to Cruciform Framework. Advanced Functional Materials, 2015, 25, 1700-1708.	7.8	29
23	Gateâ€Tunable Ultrahigh Photoresponsivity of 2D Heterostructures Based on Few Layer MoS₂ and Solutionâ€Processed rGO. Advanced Electronic Materials, 2015, 1, 1500267.	2.6	28
24	Photophysics of trioxatriangulenium ion. Electrophilic reactivity in the ground state and excited singlet state. Photochemical and Photobiological Sciences, 2002, 1, 763-773.	1.6	27
25	A New Class of Extended Tetrathiafulvalene Cruciform Molecules for Molecular Electronics with Dithiafulveneâ€4,5â€Dithiolate Anchoring Groups. Advanced Materials, 2013, 25, 405-409.	11.1	23
26	End-to-end assembly of gold nanorods via oligopeptide linking and surfactant control. Journal of Colloid and Interface Science, 2012, 376, 83-90.	5.0	22
27	Close Columnar Packing of Triangulenium Ions in Langmuir Films. Langmuir, 2009, 25, 3584-3592.	1.6	21
28	Aligned Growth of Gold Nanorods in PMMA Channels: Parallel Preparation of Nanogaps. ACS Nano, 2012, 6, 3861-3867.	7.3	19
29	Dry Chemistry of Ferrate(VI): A Solventâ€Free Mechanochemical Way for Versatile Green Oxidation. Angewandte Chemie - International Edition, 2018, 57, 10949-10953.	7.2	19
30	Monoâ€•and Bis(pyrrolo)tetrathiafulvalene Derivatives Tethered to C₆₀: Synthesis, Photophysical Studies, and Selfâ€Assembled Monolayers. Chemistry - A European Journal, 2014, 20, 9918-9929.	1.7	16
31	Electrical annealing and temperature dependent transversal conduction in multilayer reduced graphene oxide films for solid-state molecular devices. Physical Chemistry Chemical Physics, 2012, 14, 14277.	1.3	15
32	Synthesis of multi-porphyrin arrays and study of their self-assembly behaviour at the air-water interface. Journal of Physical Organic Chemistry, 2001, 14, 501-512.	0.9	13
33	Gold nanoparticles assembled with dithiocarbamate-anchored molecular wires. Scientific Reports, 2015, 5, 15273.	1.6	11
34	Facile Synthesis of Mildly Oxidized Graphite Inks for Screenâ€Printing of Highly Conductive Electrodes. Advanced Engineering Materials, 2019, 21, 1801304.	1.6	11
35	Quantifying and sorting of gold nanoparticle dimers from complex reaction mixtures using flow cytometry. Nano Research, 2016, 9, 3093-3098.	5.8	9
36	Monolayered Graphene Oxide as a Low Contact Resistance Protection Layer in Alkanethiol Solid-State Devices. Journal of Physical Chemistry C, 2018, 122, 9731-9737.	1.5	8

#	ARTICLE	IF	CITATIONS
37	Diamine anchored molecular junctions of oligo(phenylene ethynylene) cruciform. Chinese Chemical Letters, 2018, 29, 271-275.	4.8	8
38	High-Quality Reduced Graphene Oxide Electrodes for Sub-Kelvin Studies of Molecular Monolayer Junctions. Journal of Physical Chemistry C, 2018, 122, 25102-25109.	1.5	8
39	Dry Chemistry of Ferrate(VI): A Solventâ€Free Mechanochemical Way for Versatile Green Oxidation. Angewandte Chemie, 2018, 130, 11115-11119.	1.6	5
40	Local charge transport properties of hydrazine reduced monolayer graphene oxide sheets prepared under pressure condition. Applied Physics Letters, 2014, 105, 093109.	1.5	3
41	Temperature dependence of charge transport in solid-state molecular junctions based on oligo(phenylene ethynylene)s. Nanotechnology, 2020, 31, 164001.	1.3	2
42	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