

Dejian Zhou

List of Publications by Year in descending order

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141
papers

5,615
citations

66315

42
h-index

85498

71
g-index

151
all docs

151
docs citations

151
times ranked

6808
citing authors

#	ARTICLE	IF	CITATIONS
1	A pH-Triggered, Fast-Responding DNA Hydrogel. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7660-7663.	7.2	420
2	A Reversible pH-Driven DNA Nanoswitch Array. <i>Journal of the American Chemical Society</i> , 2006, 128, 2067-2071.	6.6	213
3	Nanomechanical detection of antibiotic-mucopeptide binding in a model for superbug drug resistance. <i>Nature Nanotechnology</i> , 2008, 3, 691-696.	15.6	187
4	Writing with DNA and Protein Using a Nanopipet for Controlled Delivery. <i>Journal of the American Chemical Society</i> , 2002, 124, 8810-8811.	6.6	185
5	Fluorescence resonance energy transfer between a quantum dot donor and a dye acceptor attached to DNA. <i>Chemical Communications</i> , 2005, , 4807.	2.2	138
6	A Compact Functional Quantum Dot-DNA Conjugate: Preparation, Hybridization, and Specific Label-Free DNA Detection. <i>Langmuir</i> , 2008, 24, 1659-1664.	1.6	138
7	Near-infrared fluorescent ribonuclease-A-encapsulated gold nanoclusters: preparation, characterization, cancer targeting and imaging. <i>Nanoscale</i> , 2013, 5, 1009-1017.	2.8	132
8	Synthesis of Fullerene Amino Acid Derivatives by Direct Interaction of Amino Acid Ester with C60. <i>Journal of Organic Chemistry</i> , 1996, 61, 1954-1961.	1.7	129
9	Highly Fluorescent Ribonuclease-A-Encapsulated Lead Sulfide Quantum Dots for Ultrasensitive Fluorescence <i>in Vivo</i> Imaging in the Second Near-Infrared Window. <i>Chemistry of Materials</i> , 2016, 28, 3041-3050.	3.2	123
10	pH and near-infrared light dual-stimuli responsive drug delivery using DNA-conjugated gold nanorods for effective treatment of multidrug resistant cancer cells. <i>Journal of Controlled Release</i> , 2016, 232, 9-19.	4.8	119
11	Multicomponent Submicron Features of Biomolecules Created by Voltage Controlled Deposition from a Nanopipet. <i>Journal of the American Chemical Society</i> , 2003, 125, 9834-9839.	6.6	116
12	Trapping of Proteins under Physiological Conditions in a Nanopipette. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3747-3750.	7.2	108
13	The scanned nanopipette: a new tool for high resolution bioimaging and controlled deposition of biomolecules. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2859.	1.3	107
14	Multilayer enzyme-coupled magnetic nanoparticles as efficient, reusable biocatalysts and biosensors. <i>Nanoscale</i> , 2011, 3, 3721.	2.8	103
15	Efficient, pH-Triggered Drug Delivery Using a pH-Responsive DNA-Conjugated Gold Nanoparticle. <i>Advanced Healthcare Materials</i> , 2013, 2, 275-280.	3.9	103
16	An Addressable Antibody Nanoarray Produced on a Nanostructured Surface. <i>Journal of the American Chemical Society</i> , 2004, 126, 6508-6509.	6.6	102
17	Two-Component Graded Deposition of Biomolecules with a Double-Barreled Nanopipette. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6854-6859.	7.2	101
18	Nanoscale Pipetting for Controlled Chemistry in Small Arrayed Water Droplets Using a Double-Barrel Pipet. <i>Nano Letters</i> , 2006, 6, 252-257.	4.5	89

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19	Nanopipette Delivery of Individual Molecules to Cellular Compartments for Single-Molecule Fluorescence Tracking. <i>Biophysical Journal</i> , 2007, 93, 3120-3131.	0.2	89
20	Toggled RNA Aptamers Against Aminoglycosides Allowing Facile Detection of Antibiotics Using Gold Nanoparticle Assays. <i>Analytical Chemistry</i> , 2012, 84, 6595-6602.	3.2	85
21	AFM Study on Protein Immobilization on Charged Surfaces at the Nanoscale: Toward the Fabrication of Three-Dimensional Protein Nanostructures. <i>Langmuir</i> , 2003, 19, 10557-10562.	1.6	84
22	Use of the Interparticle i-Motif for the Controlled Assembly of Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 11956-11959.	1.6	79
23	Use of Atomic Force Microscopy for Making Addresses in DNA Coatings. <i>Langmuir</i> , 2002, 18, 8278-8281.	1.6	70
24	A multifunctional poly(curcumin) nanomedicine for dual-modal targeted delivery, intracellular responsive release, dual-drug treatment and imaging of multidrug resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2954-2962.	2.9	66
25	A pH-driven, reconfigurable DNA nanotriangle. <i>Chemical Communications</i> , 2009, , 824-826.	2.2	65
26	Relationship between Structures and Photocurrent Generation Properties in a Series of Hemicyanine Congeners. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1424-1429.	1.2	63
27	Evidence for Resonance Optical Trapping of Individual Fluorophore-Labeled Antibodies Using Single Molecule Fluorescence Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 5711-5717.	6.6	61
28	Magnetic particle-based ultrasensitive biosensors for diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 565-571.	1.5	61
29	Label-Free Detection of DNA Hybridization at the Nanoscale: A Highly Sensitive and Selective Approach Using Atomic-Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4934-4937.	7.2	58
30	Room-temperature fluorescence, phosphorescence and crystal structures of 4-acyl pyrazolone lanthanide complexes: Ln(L)3·2H ₂ O. <i>Polyhedron</i> , 1997, 16, 1381-1389.	1.0	57
31	Efficient, dual-stimuli responsive cytosolic gene delivery using a RGD modified disulfide-linked polyethylenimine functionalized gold nanorod. <i>Journal of Controlled Release</i> , 2014, 196, 37-51.	4.8	57
32	Compact, Polyvalent Mannose Quantum Dots as Sensitive, Ratiometric FRET Probes for Multivalent Protein-Ligand Interactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4738-4742.	7.2	55
33	Dissecting Multivalent Lectin-Carbohydrate Recognition Using Polyvalent Multifunctional Glycan-Quantum Dots. <i>Journal of the American Chemical Society</i> , 2017, 139, 11833-11844.	6.6	54
34	Photoelectric Conversion from a Hemicyanine Dye Containing Zinc Complex in a Langmuir-Blodgett Film. <i>Langmuir</i> , 1997, 13, 80-84.	1.6	53
35	Molecule by Molecule Direct and Quantitative Counting of Antibody-Protein Complexes in Solution. <i>Analytical Chemistry</i> , 2004, 76, 4446-4451.	3.2	53
36	Building Three-Dimensional Surface Biological Assemblies on the Nanometer Scale. <i>Nano Letters</i> , 2003, 3, 1517-1520.	4.5	51

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37	Efficient RNA delivery by integrin-targeted glutathione responsive polyethyleneimine capped gold nanorods. <i>Acta Biomaterialia</i> , 2015, 23, 136-146.	4.1	50
38	Glycan-Gold Nanoparticles as Multifunctional Probes for Multivalent Lectin-Carbohydrate Binding: Implications for Blocking Virus Infection and Nanoparticle Assembly. <i>Journal of the American Chemical Society</i> , 2020, 142, 18022-18034.	6.6	49
39	Ultrasensitive single-nucleotide polymorphism detection using target-recycled ligation, strand displacement and enzymatic amplification. <i>Nanoscale</i> , 2013, 5, 5027.	2.8	48
40	Direct water-phase synthesis of lead sulfide quantum dots encapsulated by β -lactoglobulin for in vivo second near infrared window imaging with reduced toxicity. <i>Chemical Communications</i> , 2016, 52, 4025-4028.	2.2	48
41	Investigation of the Photoelectrochemistry of C ₆₀ and Its Pyrrolidine Derivatives by Monolayer-Modified SnO ₂ Electrodes. <i>The Journal of Physical Chemistry</i> , 1996, 100, 16685-16689.	2.9	47
42	Fabrication of Three-Dimensional Surface Structures with Highly Fluorescent Quantum Dots by Surface-Templated Layer-by-Layer Assembly. <i>Advanced Materials</i> , 2005, 17, 1243-1248.	11.1	45
43	Single Molecule Force Spectroscopy on G-Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2009, 15, 8113-8116.	1.7	44
44	Robust and specific ratiometric biosensing using a copper-free clicked quantum dot-DNA aptamer sensor. <i>Nanoscale</i> , 2013, 5, 10307.	2.8	43
45	Langmuir-Blodgett Films and Photophysical Properties of a C ₆₀ -Sarcosine Methyl Ester Derivative, C ₆₀ (C ₅ H ₉ NO ₂). <i>The Journal of Physical Chemistry</i> , 1996, 100, 3150-3156.	2.9	39
46	Building three-dimensional nanostructures with active enzymes by surface templated layer-by-layer assembly. <i>Chemical Communications</i> , 2006, , 1721.	2.2	39
47	Quantum dot-nucleic acid/aptamer bioconjugate-based fluorimetric biosensors. <i>Biochemical Society Transactions</i> , 2012, 40, 635-639.	1.6	35
48	Sensitive, Simultaneous Quantitation of Two Unlabeled DNA Targets Using a Magnetic Nanoparticle-Enzyme Sandwich Assay. <i>Analytical Chemistry</i> , 2013, 85, 9238-9244.	3.2	35
49	Terminal PEGylated DNA-Gold Nanoparticle Conjugates Offering High Resistance to Nuclease Degradation and Efficient Intracellular Delivery of DNA Binding Agents. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18707-18716.	4.0	35
50	Photocatalytic Degradation of Water-Soluble Organic Pollutants on TiO ₂ Modified with Gold Nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2006, 27, 747-752.	1.2	34
51	Self-assembled micelles of amphiphilic PEGylated rapamycin for loading paclitaxel and resisting multidrug resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1204-1207.	2.9	34
52	Ultraefficient Cap-Exchange Protocol To Compact Biofunctional Quantum Dots for Sensitive Ratiometric Biosensing and Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15232-15244.	4.0	34
53	A chelating dendritic ligand capped quantum dot: preparation, surface passivation, bioconjugation and specific DNA detection. <i>Nanoscale</i> , 2011, 3, 201-211.	2.8	33
54	Intracellularly Degradable, Self-Assembled Amphiphilic Block Copolycurcumin Nanoparticles for Efficient In Vivo Cancer Chemotherapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1496-1501.	3.9	32

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55	Excited State Properties and Intramolecular Energy Transfer of Rare-Earth Acylpyrazolone Complexes. <i>The Journal of Physical Chemistry</i> , 1996, 100, 18387-18391.	2.9	31
56	DNA-templated CMV viral capsid proteins assemble into nanotubes. <i>Chemical Communications</i> , 2008, , 49-51.	2.2	31
57	Small-molecule ligands strongly affect the Förster resonance energy transfer between a quantum dot and a fluorescent protein. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19427.	1.3	31
58	Langmuir-Blodgett film and second harmonic generation of a new type of amphiphilic non-linear optical bis-chromophore complex dye. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2585-2592.	1.7	30
59	Synthesis, characterization, crystal structure and luminescent property studies on a novel heteronuclear lanthanide complex $\{H[EuLa_2(DPA)_5 \cdot 8H_2O] \cdot 8H_2O\}_n$ (H2DPA = pyridine-2,6-dicarboxylic acid). <i>Polyhedron</i> , 1994, 13, 987-991.	1.0	27
60	Facile synthesis of β -lactoglobulin capped Ag ₂ S quantum dots for in vivo imaging in the second near-infrared biological window. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6271-6278.	2.9	27
61	Graphene Based Nanomaterials: Diagnostic Applications. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 179-204.	0.5	27
62	A NIR-II-emitting gold nanocluster-based drug delivery system for smartphone-triggered photodynamic theranostics with rapid body clearance. <i>Materials Today</i> , 2021, 51, 96-107.	8.3	26
63	Langmuir-Blodgett Film and Second Harmonic Generation of C60(C4H8N2). <i>The Journal of Physical Chemistry</i> , 1994, 98, 12459-12461.	2.9	25
64	Fullerene induced C-N bond breaking and formation: synthesis of fullerene pyrrolidine and methanofullerene sarcosine derivatives by photochemical addition of sarcosine ester to C60. <i>Tetrahedron Letters</i> , 1995, 36, 9169-9172.	0.7	25
65	Electrostatic Orientation of Enzymes on Surfaces for Ligand Screening Probed by Force Spectroscopy. <i>Langmuir</i> , 2006, 22, 887-892.	1.6	25
66	Development of smart nanoparticle-aptamer sensing technology. <i>Faraday Discussions</i> , 2011, 149, 319-332.	1.6	25
67	Strong Luminescent Terbium(III)-Pyrazolone Complexes and Their Langmuir-Blodgett Films. <i>Langmuir</i> , 1997, 13, 4060-4065.	1.6	24
68	Controlled Assembly for Well-Defined 3D Bioarchitecture Using Two Active Enzymes. <i>ACS Nano</i> , 2010, 4, 1580-1586.	7.3	24
69	Controlling the pyridinium-zwitterionic ligand ratio on atomically precise gold nanoclusters allowing for eradicating Gram-positive drug-resistant bacteria and retaining biocompatibility. <i>Chemical Science</i> , 2021, 12, 14871-14882.	3.7	23
70	Langmuir-Blodgett film and nonlinear optical property of C60-glycine ester derivative. <i>Chemical Physics Letters</i> , 1995, 235, 548-551.	1.2	22
71	Combining magnetic nanoparticle capture and poly-enzyme nanobead amplification for ultrasensitive detection and discrimination of DNA single nucleotide polymorphisms. <i>Nanoscale</i> , 2019, 11, 1195-1204.	2.8	22
72	Langmuir-Blodgett film study on N-hexadecyl pyridinium tetrakis (2-naphthyltrifluoroacetone) europium, HDP.Eu(NTA) ₄ . <i>Solid State Communications</i> , 1995, 93, 167-169.	0.9	20

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73	Influence of the Foundation Layer on the Layer-by-Layer Assembly of Poly-L-lysine and Poly(styrenesulfonate) and Its Usage in the Fabrication of 3D Microscale Features. <i>Langmuir</i> , 2004, 20, 9089-9094.	1.6	20
74	Two-Color Fluorescence Analysis of Individual Virions Determines the Distribution of the Copy Number of Proteins in Herpes Simplex Virus Particles. <i>Biophysical Journal</i> , 2007, 93, 1329-1337.	0.2	20
75	Enhancing Curcumin Anticancer Efficacy Through Di-Block Copolymer Micelle Encapsulation. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 179-193.	0.5	20
76	Luminescent europium-dibenzoylmethane complexes and their Langmuir-Blodgett films. <i>Journal of Alloys and Compounds</i> , 1996, 235, 156-162.	2.8	19
77	Organic light-emitting diodes (LEDs) based on Langmuir-Blodgett films containing rare-earth complexes. <i>Synthetic Metals</i> , 1996, 76, 91-93.	2.1	18
78	Second-order nonlinear optical property of Langmuir-Blodgett film prepared from a novel ferrocenyl-containing lanthanide complex. <i>Solid State Communications</i> , 1995, 93, 189-191.	0.9	17
79	An Isothermal Titration and Differential Scanning Calorimetry Study of the G-Quadruplex DNA-Insulin Interaction. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1784-1790.	1.2	17
80	Glycine C ₆₀ Adduct and its Rare Earth Complexes. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1995, 3, 127-131.	0.6	16
81	Microcavity of organic semiconductor. <i>Solid State Communications</i> , 1996, 97, 445-449.	0.9	16
82	Systematic manipulation of surface chemical reaction on the nanoscale: a novel approach for constructing three-dimensional nanostructures. Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b211906d/ . <i>Chemical Communications</i> , 2003, , 474-475.	2.2	16
83	A dendrimer-based Co ₃₂ nanocluster: Synthesis and application in diameter-controlled growth of single-walled carbon nanotubes. <i>Polyhedron</i> , 2006, 25, 585-590.	1.0	16
84	A quantum dot-intercalating dye dual-donor FRET based biosensor. <i>Chemical Communications</i> , 2012, 48, 5097.	2.2	16
85	Compact, Polyvalent Mannose Quantum Dots as Sensitive, Ratiometric FRET Probes for Multivalent Protein-Ligand Interactions. <i>Angewandte Chemie</i> , 2016, 128, 4816-4820.	1.6	16
86	Synthesis, Langmuir-Blodgett deposition and optical characterization of a 4-acetalphenyl-substituted C ₆₀ -pyrrolidine derivative C ₆₀ (C ₁₂ H ₁₇ NO ₂). <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 2077-2081.	1.7	15
87	Langmuir-Blodgett Film of a Europium Complex and Its Application in a Silver Mirror Planar Microcavity. <i>Langmuir</i> , 1998, 14, 417-422.	1.6	15
88	Nano-enabled bioanalytical approaches to ultrasensitive detection of low abundance single nucleotide polymorphisms. <i>Analyst</i> , 2015, 140, 3872-3887.	1.7	15
89	Investigating the Specific Interactions between Carbonic Anhydrase and a Sulfonamide Inhibitor by Single-Molecule Force Spectroscopy. <i>Langmuir</i> , 2007, 23, 12561-12565.	1.6	13
90	Selective Diffusion Barriers Separate Membrane Compartments. <i>Biophysical Journal</i> , 2010, 99, L1-L3.	0.2	13

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91	Room-Temperature Photoluminescence of a C60Derivative. Chemistry Letters, 1995, 24, 649-650.	0.7	12
92	Photocurrent generation from a self-assembling guest-host LB film of C60(HOOCHNHHCOOH) and octopentyloxy phthalocyanine. Solid State Communications, 1998, 106, 43-48.	0.9	12
93	A Simple Voltage Controlled Enzymatic Nanoreactor Produced in the Tip of a Nanopipet. Nano Letters, 2004, 4, 1859-1862.	4.5	12
94	A new 4-acetalphenyl C60-pyrrolidine derivative and its Langmuir-Blodgett film study. Solid State Communications, 1997, 102, 891-894.	0.9	11
95	Controlled synthesis of monodisperse gold nanorods with different aspect ratios in the presence of aromatic additives. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	10
96	Electroluminescence from dysprosium- and neodymium-containing LB films. Thin Solid Films, 1996, 284-285, 644-647.	0.8	9
97	Photoluminescence and fluorescence quenchings of C60-pyrrolidine derivatives at room temperature. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 99, 37-43.	2.0	9
98	Molecular Lego®: non-centrosymmetric alignment within interdigitating layers. Journal of Materials Chemistry, 2001, 11, 2966-2970.	6.7	9
99	A versatile cholera toxin conjugate for neuronal targeting and tracing. Chemical Communications, 2020, 56, 6098-6101.	2.2	9
100	Ionic combined nonlinear optical bis-chromophore zinc complexes: Langmuir-Blodgett film and second harmonic generation study. Solid State Communications, 1996, 99, 739-744.	0.9	7
101	Improved Second Harmonic Generation from Langmuir-Blodgett Monolayers of an Ionically Combined Bis-chromophore Zinc Complex. Chemistry Letters, 1997, 26, 7-8.	0.7	7
102	Macroscopic 2D Networks Self-Assembled from Nanometer-Sized Protein/DNA Complexes. Nano Letters, 2006, 6, 365-370.	4.5	7
103	Vancomycin dimer formation between analogues of bacterial peptidoglycan surfaces probed by force spectroscopy. Organic and Biomolecular Chemistry, 2010, 8, 1142.	1.5	7
104	Photon induced quantum yield regeneration of cap-exchanged CdSe/CdS quantum rods for ratiometric biosensing and cellular imaging. Nanoscale, 2020, 12, 8647-8655.	2.8	7
105	Studies of the photocurrent generation performances from a series of amphiphilic bis-chromophore zinc complexes and correlation between photocurrent generation performance and molecular structure. Synthetic Metals, 1999, 99, 97-103.	2.1	6
106	Merocyanine dyes: self-assembled monolayers. Journal of Materials Chemistry, 2002, 12, 1631-1635.	6.7	6
107	HCl-Retarded Gold Nanorod Growth for Aspect Ratio and Shape Tuning. Journal of Nanoscience and Nanotechnology, 2016, 16, 1194-1201.	0.9	6
108	Photoelectrochemical properties of a new C60 derivative: C60- α -glycine ester C60(C6H9NO4). Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3115-3117.	1.7	5

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109	Photoluminescence study of Langmuir-Blodgett films of a hemicyanine molecular complex containing Yb ³⁺ . <i>Supramolecular Science</i> , 1997, 4, 437-441.	0.7	5
110	Photoelectrochemical properties of Langmuir-Blodgett films of two squaraine derivatives. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 2487-2490.	1.3	5
111	Observation of the disk mode pattern in organic microdisk. <i>Solid State Communications</i> , 1998, 105, 445-448.	0.9	4
112	Title is missing!. <i>Australian Journal of Chemistry</i> , 2001, 54, 19.	0.5	4
113	Polyvalent Glycan-Quantum Dots as Multifunctional Structural Probes for Multivalent Lectin-Carbohydrate Interactions. <i>ACS Symposium Series</i> , 2020, , 47-66.	0.5	4
114	Probing Multivalent Protein-Carbohydrate Interactions by Quantum Dot-Förster Resonance Energy Transfer. <i>Methods in Enzymology</i> , 2018, 598, 71-100.	0.4	3
115	Z-type Langmuir-Blodgett films of a three-component optically nonlinear dye. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 155, 47-50.	2.3	2
116	Molecular Lego: non-centrosymmetric Langmuir-Blodgett films for nonlinear optical applications. <i>Synthetic Metals</i> , 2001, 121, 1455-1458.	2.1	2
117	Creating functional nanostructured materials at the crossroad of physics, chemistry and materials science. <i>International Journal of Nanotechnology</i> , 2005, 2, 440.	0.1	2
118	Comment on "Trapping Single Molecules by Dielectrophoresis". <i>Physical Review Letters</i> , 2006, 96, 199801; author reply 199802.	2.9	2
119	A simple magnetic nanoparticle-poly-enzyme nanobead sandwich assay for direct, ultrasensitive DNA detection. <i>Methods in Enzymology</i> , 2020, 630, 453-480.	0.4	2
120	Synthesis of proline fullerene derivative. <i>Science Bulletin</i> , 1997, 42, 1360-1363.	1.7	1
121	Single Molecule Force Spectroscopy of Guanine Quadruplex DNA. <i>Biophysical Journal</i> , 2009, 96, 36a.	0.2	1
122	Drug Delivery: Efficient, pH-Triggered Drug Delivery Using a pH-Responsive DNA-Conjugated Gold Nanoparticle (<i>Adv. Healthcare Mater.</i> 2/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 380-380.	3.9	1
123	Preparation of multivalent glycan micro- and nano-arrays: general discussion. <i>Faraday Discussions</i> , 2019, 219, 128-137.	1.6	1
124	Z-Type Films of a Two-Legged Optically Nonlinear Dye. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 337, 413-416.	0.3	0
125	Cover Picture: Two-Component Graded Deposition of Biomolecules with a Double-Barreled Nanopipette (<i>Angew. Chem. Int. Ed.</i> 42/2005). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6789-6789.	7.2	0
126	A Single Molecule Study of Enzyme Inhibitor Interactions. <i>Biophysical Journal</i> , 2009, 96, 643a.	0.2	0

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127	A Single Molecule Force Spectroscopy Study of the Binding Interaction Between Insulin and G-Quadruplex DNA. <i>Biophysical Journal</i> , 2010, 98, 592a.	0.2	0
128	A Single Molecule Study of Guanine Quadruplex DNA. <i>Biophysical Journal</i> , 2010, 98, 592a.	0.2	0
129	FRET Studies Between CdTe Capped by Small-Molecule Ligands and Fluorescent Protein. <i>International Journal of Nanoscience</i> , 2014, 13, 1460013.	0.4	0
130	MicroRNA Sensor Based on Magnetic Beads and Enzymatic Probes. <i>International Journal of Nanoscience</i> , 2014, 13, 1460014.	0.4	0
131	Magnetic Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 113-135.	1.6	0
132	Other Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 289-303.	1.6	0
133	Optical nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 215-227.	1.6	0
134	Correction: A pH-driven, reconfigurable DNA nanotriangle. <i>Chemical Communications</i> , 2016, 52, 10696-10696.	2.2	0
135	Compact, Polyvalent Mannose Quantum Dots as Sensitive, Ratiometric FRET Probes for Multivalent Protein-Ligand Interactions (<i>Angew. Chem.</i> 15/2016). <i>Angewandte Chemie</i> , 2016, 128, 4920-4920.	1.6	0
136	Ultrasensitive Detection and Discrimination of Cancer-Related Single Nucleotide Polymorphisms Using Poly-Enzyme Polymer Bead Amplification. <i>Proceedings (mdpi)</i> , 2017, 1, 806.	0.2	0
137	Multidimensional micro- and nano-printing technologies: general discussion. <i>Faraday Discussions</i> , 2019, 219, 73-76.	1.6	0
138	Glycan interactions on glyocalyx mimetic surfaces: general discussion. <i>Faraday Discussions</i> , 2019, 219, 183-188.	1.6	0
139	New directions in surface functionalization and characterization: general discussion. <i>Faraday Discussions</i> , 2019, 219, 252-261.	1.6	0
140	Berichtigung: Compact, Polyvalent Mannose Quantum Dots as Sensitive, Ratiometric FRET Probes for Multivalent Protein-Ligand Interactions. <i>Angewandte Chemie</i> , 2020, 132, 20447-20447.	1.6	0
141	Polyvalent Multifunctional Nanoparticles: A Powerful Tool to Address Various Biomedical Challenges. , 0, ,		0