

Stephen D Evans

List of Publications by Year in descending order

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271
papers

9,751
citations

34493

54
h-index

60403

85
g-index

280
all docs

280
docs citations

280
times ranked

12936
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the Optical Properties of Gold Nanorods in One-Pot Syntheses. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3235-3243.	1.5	9
2	An Open Access Chamber Designed for the Acoustic Characterisation of Microbubbles. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1818.	1.3	2
3	Chiral nematic liquid crystal droplets as a basis for sensor systems. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 607-621.	1.7	15
4	Receptor tyrosine kinases regulate signal transduction through a liquid-liquid phase separated state. <i>Molecular Cell</i> , 2022, 82, 1089-1106.e12.	4.5	38
5	A Single Short α -Tone Burst TM Results in Optimal Drug Delivery to Tumours Using Ultrasound-Triggered Therapeutic Microbubbles. <i>Pharmaceutics</i> , 2022, 14, 622.	2.0	6
6	Modeling the mechanical stiffness of pancreatic ductal adenocarcinoma. <i>Matrix Biology Plus</i> , 2022, 14, 100109.	1.9	7
7	Mechanically tuneable physical nanocomposite hydrogels from polyelectrolyte complex templated silica nanoparticles for anionic therapeutic delivery. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 224-235.	5.0	11
8	Protein-conjugated microbubbles for the selective targeting of <i>S. aureus</i> biofilms. <i>Biofilm</i> , 2022, 4, 100074.	1.5	5
9	Developing a Raman spectroscopy-based tool to stratify patient response to pre-operative radiotherapy in rectal cancer. <i>Analyst, The</i> , 2021, 146, 581-589.	1.7	9
10	Polyelectrolyte complex templated synthesis of monodisperse, sub-100Ånm porous silica nanoparticles for cancer targeted and stimuli-responsive drug delivery. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 669-683.	5.0	11
11	Novel oxygen-generation from electrospun nanofibrous scaffolds with anticancer properties: synthesis of PMMA-conjugate PVP α -H ₂ O ₂ nanofibers, characterization, and <i>in vitro</i> bio-evaluation tests. <i>RSC Advances</i> , 2021, 11, 19978-19991.	1.7	8
12	Production of giant unilamellar vesicles and encapsulation of lyotropic nematic liquid crystals. <i>Soft Matter</i> , 2021, 17, 2234-2241.	1.2	15
13	Model Lipid Membranes Assembled from Natural Plant Thylakoids into 2D Microarray Patterns as a Platform to Assess the Organization and Photophysics of Light-Harvesting Proteins. <i>Small</i> , 2021, 17, e2006608.	5.2	7
14	Evaluating Phospholipid-Functionalized Gold Nanorods for In Vivo Applications. <i>Small</i> , 2021, 17, 2006797.	5.2	14
15	10.1063/5.0040213.1., 2021, , .		0
16	Horizon: Microfluidic platform for the production of therapeutic microbubbles and nanobubbles. <i>Review of Scientific Instruments</i> , 2021, 92, 074105.	0.6	15
17	Targeted microbubbles carrying lipid-oil-nanodroplets for ultrasound-triggered delivery of the hydrophobic drug, combretastatin A4. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102401.	1.7	10
18	Nanobubbles for therapeutic delivery: Production, stability and current prospects. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 54, 101456.	3.4	29

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19	Synthesis of near-infrared absorbing triangular Au nanoplates using biomineralisation peptides. <i>Acta Biomaterialia</i> , 2021, 131, 519-531.	4.1	7
20	Textures of Nematic Liquid Crystal Cylindric-Section Droplets Confined by Chemically Patterned Surfaces. <i>Crystals</i> , 2021, 11, 65.	1.0	5
21	Mercaptopurine-Loaded Sandwiched Tri-Layered Composed of Electrospun Polycaprolactone/Poly(Methyl Methacrylate) Nanofibrous Scaffolds as Anticancer Carrier with Antimicrobial and Antibiotic Features: Sandwich Configuration Nanofibers, Release Study and in vitro Bioevaluation Tests. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6937-6955.	3.3	15
22	Ultrasound-triggered therapeutic microbubbles enhance the efficacy of cytotoxic drugs by increasing circulation and tumor drug accumulation and limiting bioavailability and toxicity in normal tissues. <i>Theranostics</i> , 2020, 10, 10973-10992.	4.6	45
23	One-Step Preparation of Biocompatible Gold Nanoplates with Controlled Thickness and Adjustable Optical Properties for Plasmon-Based Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2003512.	7.8	22
24	Site-directed M2 proton channel inhibitors enable synergistic combination therapy for rimantadine-resistant pandemic influenza. <i>PLoS Pathogens</i> , 2020, 16, e1008716.	2.1	9
25	Exploring High Aspect Ratio Gold Nanotubes as Cytosolic Agents: Structural Engineering and Uptake into Mesothelioma Cells. <i>Small</i> , 2020, 16, e2003793.	5.2	7
26	Freeze-Dried Therapeutic Microbubbles: Stability and Gas Exchange. <i>ACS Applied Bio Materials</i> , 2020, 3, 7840-7848.	2.3	6
27	Detection and time-tracking activation of a photosensitiser on live single colorectal cancer cells using Raman spectroscopy. <i>Analyst</i> , The, 2020, 145, 5878-5888.	1.7	10
28	Control of Director Fields in Phospholipid-Coated Liquid Crystal Droplets. <i>Langmuir</i> , 2020, 36, 6436-6446.	1.6	20
29	Nested Nanobubbles for Ultrasound-Triggered Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29085-29093.	4.0	27
30	High-throughput microfluidics for evaluating microbubble enhanced delivery of cancer therapeutics in spheroid cultures. <i>Journal of Controlled Release</i> , 2020, 326, 13-24.	4.8	38
31	Out-of-Plane Nanoscale Reorganization of Lipid Molecules and Nanoparticles Revealed by Plasmonic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2875-2882.	2.1	3
32	Screening and characterisation of CdTe/CdS quantum dot-binding peptides for material surface functionalisation. <i>RSC Advances</i> , 2020, 10, 8218-8223.	1.7	4
33	Rotatable microfluidic device for simultaneous study of bilateral chemosensory neurons in <i>Caenorhabditis elegans</i> . <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	1.0	4
34	Physical Biomarkers of Disease Progression: On-Chip Monitoring of Changes in Mechanobiology of Colorectal Cancer Cells. <i>Scientific Reports</i> , 2020, 10, 3254.	1.6	15
35	Dynamic Nanoscale Reorganization of Lipid Molecules and Nanoparticles Revealed by Plasmonic GAP Resonance Spectroscopy. <i>Biophysical Journal</i> , 2020, 118, 87a.	0.2	0
36	A bioinspired peptide matrix for the detection of 2,4,6-trinitrotoluene (TNT). <i>Biosensors and Bioelectronics</i> , 2020, 153, 112030.	5.3	21

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37	Nanoparticle-Loaded Hydrogel for the Light-Activated Release and Photothermal Enhancement of Antimicrobial Peptides. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24544-24554.	4.0	79
38	Peptide-Functionalized Quantum Dots for Rapid Label-Free Sensing of 2,4,6-Trinitrotoluene. <i>Bioconjugate Chemistry</i> , 2020, 31, 1400-1407.	1.8	16
39	On-chip pressure measurements and channel deformation after oil absorption. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	6
40	Organ on chip models for the evaluation of microbubble based therapeutic delivery. , 2020, , .		0
41	Title is missing!. , 2020, 16, e1008716.		0
42	Title is missing!. , 2020, 16, e1008716.		0
43	Title is missing!. , 2020, 16, e1008716.		0
44	Title is missing!. , 2020, 16, e1008716.		0
45	Title is missing!. , 2020, 16, e1008716.		0
46	Title is missing!. , 2020, 16, e1008716.		0
47	Rational screening of biomineralisation peptides for colour-selected one-pot gold nanoparticle syntheses. <i>Nanoscale Advances</i> , 2019, 1, 71-75.	2.2	13
48	Sub-100 Nanometer Thick Gold Nanosheets as Highly Efficient Catalysts. <i>Advanced Science</i> , 2019, 6, 1900911.	5.6	56
49	Sub-100 Nanometer Thick Gold Nanosheets: Sub-100 Nanometer Thick Gold Nanosheets as Highly Efficient Catalysts (<i>Adv. Sci.</i> 21/2019). <i>Advanced Science</i> , 2019, 6, 1970129.	5.6	0
50	Molecular Effects of Glycerol on Lipid Monolayers at the Gas-Liquid Interface: Impact on Microbubble Physical and Mechanical Properties. <i>Langmuir</i> , 2019, 35, 10097-10105.	1.6	24
51	Cells Under Stress: An Inertial-Shear Microfluidic Determination of Cell Behavior. <i>Biophysical Journal</i> , 2019, 116, 1127-1135.	0.2	68
52	Developing gold nanotubes as photoacoustic contrast agents. <i>Journal of Physics: Conference Series</i> , 2019, 1151, 012018.	0.3	8
53	Lipid coated liquid crystal droplets for the on-chip detection of antimicrobial peptides. <i>Lab on A Chip</i> , 2019, 19, 1082-1089.	3.1	65
54	Combined flow-focus and self-assembly routes for the formation of lipid stabilized oil-shelled microbubbles. <i>Microsystems and Nanoengineering</i> , 2018, 4, .	3.4	11

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55	Confined Assembly of Hollow Carbon Spheres in Carbonaceous Nanotube: A Spheres-in-Tube Carbon Nanostructure with Hierarchical Porosity for High-Performance Supercapacitor. <i>Small</i> , 2018, 14, e1704015.	5.2	64
56	Morphological control of seedlessly-synthesized gold nanorods using binary surfactants. <i>Nanotechnology</i> , 2018, 29, 135601.	1.3	18
57	Tandem fluorescence and Raman (fluorRaman) characterisation of a novel photosensitiser in colorectal cancer cell line SW480. <i>Analyst, The</i> , 2018, 143, 6113-6120.	1.7	13
58	Developing Hollow-Channel Gold Nanoflowers as Trimodal Intracellular Nanoprobes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2327.	1.8	8
59	Stimuli-Responsive Release of Antimicrobials Using Hybrid Inorganic Nanoparticle-Associated Drug-Delivery Systems. <i>Macromolecular Bioscience</i> , 2018, 18, e1800207.	2.1	48
60	Recommendations for clinical translation of nanoparticle-enhanced radiotherapy. <i>British Journal of Radiology</i> , 2018, 91, 20180325.	1.0	12
61	Visualization of diffusion limited antimicrobial peptide attack on supported lipid membranes. <i>Soft Matter</i> , 2018, 14, 6146-6154.	1.2	27
62	Enhanced Tubulation of Liposome Containing Cardiolipin by MamY Protein from Magnetotactic Bacteria. <i>Biotechnology Journal</i> , 2018, 13, 1800087.	1.8	12
63	Biochemical fingerprint of colorectal cancer cell lines using label-free live single-cell Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1323-1332.	1.2	32
64	Energy Storage: Confined Assembly of Hollow Carbon Spheres in Carbonaceous Nanotube: A Spheres-in-Tube Carbon Nanostructure with Hierarchical Porosity for High-Performance Supercapacitor (<i>Small</i> 19/2018). <i>Small</i> , 2018, 14, 1870089.	5.2	10
65	Characterisation of Liposome-Loaded Microbubble Populations for Subharmonic Imaging. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 346-356.	0.7	29
66	Micrometre and nanometre scale patterning of binary polymer brushes, supported lipid bilayers and proteins. <i>Chemical Science</i> , 2017, 8, 4517-4526.	3.7	20
67	Evaluation of lipid-stabilised tripropionin nanodroplets as a delivery route for combretastatin A4. <i>International Journal of Pharmaceutics</i> , 2017, 526, 547-555.	2.6	13
68	Soft Ultraviolet (UV) Photopatterning and Metallization of Self-Assembled Monolayers (SAMs) Formed from the Lipoic Acid Ester of \pm -Hydroxy-1-acetylpyrene: The Generality of Acid-Catalyzed Removal of Thiol-on-Gold SAMs using Soft UV Light. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18388-18397.	4.0	6
69	Simple, Direct Routes to Polymer Brush Traps and Nanostructures for Studies of Diffusional Transport in Supported Lipid Bilayers. <i>Langmuir</i> , 2017, 33, 3672-3679.	1.6	4
70	Controlling transmembrane protein concentration and orientation in supported lipid bilayers. <i>Chemical Communications</i> , 2017, 53, 4250-4253.	2.2	13
71	Plasmonic band-edge modulated surface-enhanced Raman scattering. <i>Applied Physics Letters</i> , 2017, 111, 051601.	1.5	4
72	Kinetically controlled fabrication of gold nanorods and investigation of their thermal stability via in-situ TEM heating. <i>Journal of Physics: Conference Series</i> , 2017, 902, 012007.	0.3	1

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73	Fluctuating Lipid Nanodomains Near Critical Transitions. <i>Biophysical Journal</i> , 2016, 110, 571a.	0.2	2
74	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
75	Phospholipid dependent mechanism of smp24, an α -helical antimicrobial peptide from scorpion venom. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2737-2744.	1.4	27
76	Observation of compositional domains within individual copper indium sulfide quantum dots. <i>Nanoscale</i> , 2016, 8, 16157-16161.	2.8	10
77	The influence of intercalating perfluorohexane into lipid shells on nano and microbubble stability. <i>Soft Matter</i> , 2016, 12, 7223-7230.	1.2	36
78	One-step fabrication of hollow-channel gold nanoflowers with excellent catalytic performance and large single-particle SERS activity. <i>Nanoscale</i> , 2016, 8, 14932-14942.	2.8	38
79	On-chip preparation of nanoscale contrast agents towards high-resolution ultrasound imaging. <i>Lab on A Chip</i> , 2016, 16, 679-687.	3.1	61
80	Photosynthetic Proteins in Supported Lipid Bilayers: Towards a Biokleptic Approach for Energy Capture. <i>Small</i> , 2015, 11, 3306-3318.	5.2	8
81	Bead-like structures and self-assembled monolayers from 2,6-dipyrazolopyridines and their iron(II) complexes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7890-7896.	2.7	25
82	Generalized circuit model for coupled plasmonic systems. <i>Optics Express</i> , 2015, 23, 33255.	1.7	62
83	Engineering Gold Nanotubes with Controlled Length and Near-Infrared Absorption for Theranostic Applications. <i>Advanced Functional Materials</i> , 2015, 25, 2117-2127.	7.8	74
84	Facile Formation of Highly Mobile Supported Lipid Bilayers on Surface-Quaternized pH-Responsive Polymer Brushes. <i>Macromolecules</i> , 2015, 48, 3095-3103.	2.2	25
85	New Poly(amino acid methacrylate) Brush Supports the Formation of Well-Defined Lipid Membranes. <i>Langmuir</i> , 2015, 31, 3668-3677.	1.6	16
86	Theranostics: Engineering Gold Nanotubes with Controlled Length and Near-Infrared Absorption for Theranostic Applications (Adv. Funct. Mater. 14/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2204-2204.	7.8	1
87	Optimization of Brownian ratchets for the manipulation of charged components within supported lipid bilayers. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	22
88	Nanooptics of Molecular-Shunted Plasmonic Nanojunctions. <i>Nano Letters</i> , 2015, 15, 669-674.	4.5	162
89	Self-assembly of actin scaffolds on lipid microbubbles. <i>Soft Matter</i> , 2014, 10, 694-700.	1.2	9
90	Reversible metallisation of soft UV patterned substrates. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5916-5923.	2.7	4

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91	Poly(ethylene glycol) Lipid-Shelled Microbubbles: Abundance, Stability, and Mechanical Properties. <i>Langmuir</i> , 2014, 30, 5557-5563.	1.6	48
92	Enhanced Oxygen-Tolerance of the Full Heterotrimeric Membrane-Bound [NiFe]-Hydrogenase of <i>Ralstonia eutropha</i> . <i>Journal of the American Chemical Society</i> , 2014, 136, 8512-8515.	6.6	41
93	Diffusion in Low-Dimensional Lipid Membranes. <i>Nano Letters</i> , 2014, 14, 5984-5988.	4.5	15
94	Watching individual molecules flex within lipid membranes using SERS. <i>Scientific Reports</i> , 2014, 4, 5940.	1.6	48
95	Protein-Protein Interaction Regulates the Direction of Catalysis and Electron Transfer in a Redox Enzyme Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 10550-10556.	6.6	68
96	Increasing the sonoporation efficiency of targeted polydisperse microbubble populations using chirp excitation. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 2511-2520.	1.7	27
97	Fabrication and characterization of gold nano-wires templated on virus-like arrays of tobacco mosaic virus coat proteins. <i>Nanotechnology</i> , 2013, 24, 025605.	1.3	46
98	Alignment of a Columnar Hexagonal Discotic Liquid Crystal on Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7533-7539.	1.5	26
99	Actin Assembly at Model-Supported Lipid Bilayers. <i>Biophysical Journal</i> , 2013, 105, 2355-2365.	0.2	14
100	Oxidation of Tertiary Amine-Derivatized Surfaces To Control Protein Adhesion. <i>Langmuir</i> , 2013, 29, 2961-2970.	1.6	12
101	Nanomechanics of Lipid Encapsulated Microbubbles with Functional Coatings. <i>Langmuir</i> , 2013, 29, 4096-4103.	1.6	36
102	Controlled Planar Alignment of Discotic Liquid Crystals in Microchannels Made Using SU8 Photoresist. <i>Advanced Functional Materials</i> , 2013, 23, 5997-6006.	7.8	34
103	Research Spotlight: Microbubbles for therapeutic delivery. <i>Therapeutic Delivery</i> , 2013, 4, 539-542.	1.2	9
104	High-frequency subharmonic imaging of liposome-loaded microbubbles. , 2013, , .		2
105	Liquid Crystals: Controlled Planar Alignment of Discotic Liquid Crystals in Microchannels Made Using SU8 Photoresist (<i>Adv. Funct. Mater.</i> 48/2013). <i>Advanced Functional Materials</i> , 2013, 23, 6108-6108.	7.8	0
106	Quantitation of MRI sensitivity to Quasi-monodisperse microbubble contrast agents for spatially resolved manometry. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1409-1418.	1.9	1
107	Acousto-microfluidics: Transporting microbubble and microparticle arrays in acoustic traps using surface acoustic waves. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	27
108	Chirp excitation of polydisperse microbubble populations for increasing sonoporation efficiency. , 2012, , .		1

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109	Separating the second harmonic response of tissue and microbubbles using bispectral analysis. , 2012, , .		4
110	Acousto-microfluidics: Trapping and transporting microbubbles using surface acoustic waves. , 2012, , .		0
111	Manipulation and sorting of membrane proteins using patterned diffusion-aided ratchets with AC fields in supported lipid bilayers. <i>Soft Matter</i> , 2012, 8, 5459.	1.2	19
112	Alignment of Discotic Lyotropic Liquid Crystals at Hydrophobic and Hydrophilic Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12627-12635.	1.5	19
113	On-Chip Alternating Current Electrophoresis in Supported Lipid Bilayer Membranes. <i>Analytical Chemistry</i> , 2012, 84, 10702-10707.	3.2	13
114	Temperature dependent stiffness and visco-elastic behaviour of lipid coated microbubbles using atomic force microscopy. <i>Soft Matter</i> , 2012, 8, 1321-1326.	1.2	26
115	Expanding 3D geometry for enhanced on-chip microbubble production and single step formation of liposome modified microbubbles. <i>Lab on A Chip</i> , 2012, 12, 4544.	3.1	80
116	Biotemplated Magnetic Nanoparticle Arrays. <i>Small</i> , 2012, 8, 204-208.	5.2	66
117	Nanoparticle Arrays: Biotemplated Magnetic Nanoparticle Arrays (<i>Small</i> 2/2012). <i>Small</i> , 2012, 8, 203-203.	5.2	1
118	Fabrication of Lipid Tubules with Embedded Quantum Dots by Membrane Tubulation Protein. <i>Small</i> , 2012, 8, 1590-1595.	5.2	15
119	Exploiting additive and subtractive patterning for spatially controlled and robust bacterial co-cultures. <i>Soft Matter</i> , 2012, 8, 9147.	1.2	8
120	Determining the Concentration of CuInS ₂ Quantum Dots from the Size-Dependent Molar Extinction Coefficient. <i>Chemistry of Materials</i> , 2012, 24, 2064-2070.	3.2	128
121	Driving bioenergetic processes with electrodes. <i>Soft Matter</i> , 2011, 7, 49-52.	1.2	6
122	Early Stages of Crystallization of Calcium Carbonate Revealed in Picoliter Droplets. <i>Journal of the American Chemical Society</i> , 2011, 133, 5210-5213.	6.6	105
123	Concentrating Membrane Proteins Using Asymmetric Traps and AC Electric Fields. <i>Journal of the American Chemical Society</i> , 2011, 133, 6521-6524.	6.6	36
124	Orientational Control over Nitrite Reductase on Modified Gold Electrode and Its Effects on the Interfacial Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12607-12614.	1.2	25
125	Spectroelectrochemical Investigation of Intramolecular and Interfacial Electron-Transfer Rates Reveals Differences Between Nitrite Reductase at Rest and During Turnover. <i>Journal of the American Chemical Society</i> , 2011, 133, 15085-15093.	6.6	39
126	Vesicle-modified electrodes to study proton-pumping by membrane proteins. <i>Electrochimica Acta</i> , 2011, 56, 10398-10405.	2.6	1

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127	Synthesis of nitrilotriacetic acid terminated tethers for the binding of His-tagged proteins to lipid bilayers and to gold. <i>Tetrahedron</i> , 2011, 67, 6246-6251.	1.0	0
128	Characteristics and durability of fluoropolymer thin films. <i>Polymer Degradation and Stability</i> , 2011, 96, 561-565.	2.7	7
129	The periodicity between the aggregated microbubbles by secondary radiation force. , 2011, , .		2
130	Cholesterol-based anchors and tethers for phospholipid bilayers and for model biological membranes. <i>Soft Matter</i> , 2010, 6, 6036.	1.2	39
131	A study of cytochrome bo3 in a tethered bilayer lipid membrane. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1917-1923.	0.5	20
132	A Self-assembly Route for Double Bilayer Lipid Membrane Formation. <i>ChemPhysChem</i> , 2010, 11, 569-574.	1.0	21
133	Effect of the Structure of Cholesterol-Based Tethered Bilayer Lipid Membranes on Ionophore Activity. <i>ChemPhysChem</i> , 2010, 11, 2191-2198.	1.0	32
134	Planar Alignment of Columnar Discotic Liquid Crystals by Isotropic Phase Dewetting on Chemically Patterned Surfaces. <i>Advanced Functional Materials</i> , 2010, 20, 914-920.	7.8	42
135	Synthesis of High-Surface-Area Platinum Nanotubes Using a Viral Template. <i>Advanced Functional Materials</i> , 2010, 20, 1295-1300.	7.8	118
136	Near-Bulk Conductivity of Gold Nanowires as Nanoscale Interconnects and the Role of Atomically Smooth Interface. <i>Advanced Materials</i> , 2010, 22, 2338-2342.	11.1	106
137	Controlling Liquid Crystal Alignment Using Photocleavable Cyanobiphenyl Self-Assembled Monolayers. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3686-3692.	4.0	29
138	Force spectroscopy of streptavidin conjugated lipid coated microbubbles. <i>Bubble Science, Engineering & Technology</i> , 2010, 2, 48-54.	0.2	14
139	STW resonator with organo-functionalized metallic nanoparticle film for vapor sensing. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2009, 56, 1018-1023.	1.7	0
140	Formation and manipulation of two-dimensional arrays of micron-scale particles in microfluidic systems by surface acoustic waves. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	68
141	Photoelectric Properties of Electrodeposited Copper(I) Oxide Nanowires. <i>Journal of the Electrochemical Society</i> , 2009, 156, K191.	1.3	13
142	A Cholesterol-Based Tether for Creating Photopatterned Lipid Membrane Arrays on both a Silica and Gold Surface. <i>Chemistry - A European Journal</i> , 2009, 15, 6363-6370.	1.7	19
143	The adhesive properties of pyridine-terminated self-assembled monolayers. <i>Thin Solid Films</i> , 2009, 517, 3806-3812.	0.8	3
144	Surface Plasmon Raman Scattering Studies of Liquid Crystal Anchoring on Liquid-Crystal-Based Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15550-15557.	1.2	10

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145	Improved Photoreaction Yields for Soft Ultraviolet Photolithography in Organothiol Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21642-21647.	1.5	26
146	Anomalous uniform domain in a twisted nematic cell constructed from micropatterned surfaces. <i>Liquid Crystals</i> , 2009, 36, 353-358.	0.9	7
147	Manipulation and charge determination of proteins in photopatterned solid supported bilayers. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 205-211.	0.6	37
148	Characterization of cytochrome <i>c</i> ₃ activity in a native-like surface-tethered membrane. <i>Biochemical Journal</i> , 2009, 417, 555-560.	1.7	25
149	In vitro biosynthesis of bacterial peptidoglycan using d-Cys-containing precursors: fluorescent detection of transglycosylation and transpeptidation. <i>Chemical Communications</i> , 2009, , 4037.	2.2	3
150	pH-dependent adsorption of Au nanoparticles on chemically modified Si ₃ N ₄ MEMS devices. <i>Journal of Experimental Nanoscience</i> , 2009, 4, 147-157.	1.3	4
151	Vapour phase formation of amino functionalised Si ₃ N ₄ surfaces. <i>Surface Science</i> , 2008, 602, 2724-2733.	0.8	10
152	The pH-dependent adhesion of nanoparticles to self-assembled monolayers on gold. <i>Thin Solid Films</i> , 2008, 516, 2987-2999.	0.8	9
153	Impedance Spectroscopy of Bacterial Membranes: Coenzyme-Q Diffusion in a Finite Diffusion Layer. <i>Analytical Chemistry</i> , 2008, 80, 9084-9090.	3.2	11
154	Native <i>E. coli</i> inner membrane incorporation in solid-supported lipid bilayer membranes. <i>Biointerphases</i> , 2008, 3, FA59-FA67.	0.6	39
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