

Alexander Wei

List of Publications by Year in descending order

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141
papers

9,336
citations

56860

44
h-index

39236

95
g-index

149
all docs

149
docs citations

149
times ranked

12057
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro and in vivo two-photon luminescence imaging of single gold nanorods. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15752-15756.	7.6	927
2	Gold Nanorods Mediate Tumor Cell Death by Compromising Membrane Integrity. Advanced Materials, 2007, 19, 3136-3141.	24.3	550
3	Hyperthermic effects of gold nanorods on tumor cells. Nanomedicine, 2007, 2, 125-132.	3.5	519
4	Gold Nanorods as Contrast Agents for Biological Imaging: Optical Properties, Surface Conjugation and Photothermal Effects. Photochemistry and Photobiology, 2009, 85, 21-32.	2.6	508
5	Toxicological Studies on Silver Nanoparticles: Challenges and Opportunities in Assessment, Monitoring and Imaging. Nanomedicine, 2011, 6, 879-898.	3.5	404
6	Resonant Field Enhancements from Metal Nanoparticle Arrays. Nano Letters, 2004, 4, 153-158.	9.5	375
7	Self-Assembly of Cobalt Nanoparticle Rings. Journal of the American Chemical Society, 2002, 124, 7914-7915.	14.6	315
8	Controlling the Cellular Uptake of Gold Nanorods. Langmuir, 2007, 23, 1596-1599.	3.7	288
9	Self-Organization of Large Gold Nanoparticle Arrays. Journal of the American Chemical Society, 2001, 123, 7955-7956.	14.6	267
10	Dithiocarbamate Assembly on Gold. Journal of the American Chemical Society, 2005, 127, 7328-7329.	14.6	256
11	Detoxification of Gold Nanorods by Treatment with Polystyrenesulfonate. ACS Nano, 2008, 2, 2481-2488.	15.3	227
12	Magnetomotive contrast for in vivo optical coherence tomography. Optics Express, 2005, 13, 6597.	3.4	173
13	Plasmon-resonant gold nanorods as low backscattering albedo contrast agents for optical coherence tomography. Optics Express, 2006, 14, 6724.	3.4	166
14	Calixarene-encapsulated nanoparticles: self-assembly into functional nanomaterials. Chemical Communications, 2006, , 1581.	4.2	161
15	Flux Closure in Self-Assembled Cobalt Nanoparticle Rings. Angewandte Chemie - International Edition, 2003, 42, 5591-5593.	14.8	158
16	Tunable Surface-Enhanced Raman Scattering from Large Gold Nanoparticle Arrays. ChemPhysChem, 2001, 2, 743.	2.3	154
17	Gold Nanorod Arrays as Plasmonic Cavity Resonators. ACS Nano, 2008, 2, 2569-2576.	15.3	140
18	Sulfide-Arrested Growth of Gold Nanorods. Chemistry of Materials, 2005, 17, 4256-4261.	7.1	137

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19	Citrate-Stabilized Gold Nanorods. <i>Langmuir</i> , 2014, 30, 13727-13730.	3.7	136
20	Gyromagnetic Imaging: Dynamic Optical Contrast Using Gold Nanostars with Magnetic Cores. <i>Journal of the American Chemical Society</i> , 2009, 131, 9728-9734.	14.6	119
21	Pd- and Ni-catalyzed cross-coupling reactions in the synthesis of organic electronic materials. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 044201.	6.1	116
22	Dispersion and Stability Studies of Resorcinarene-Encapsulated Gold Nanoparticles. <i>Langmuir</i> , 2002, 18, 3676-3681.	3.7	109
23	Off-axis electron holography of magnetic nanowires and chains, rings, and planar arrays of magnetic nanoparticles. <i>Microscopy Research and Technique</i> , 2004, 64, 390-402.	2.3	107
24	Plasmon-Resonant Nanoparticles and Nanostars with Magnetic Cores: Synthesis and Magnetomotive Imaging. <i>ACS Nano</i> , 2010, 4, 5163-5173.	15.3	107
25	In vivo photoacoustic mapping of lymphatic systems with plasmon-resonant nanostars. <i>Journal of Materials Chemistry</i> , 2011, 21, 2841.	6.7	102
26	Challenges and opportunities in the advancement of nanomedicines. <i>Journal of Controlled Release</i> , 2012, 164, 236-246.	10.2	102
27	Simultaneous SERS detection of copper and cobalt at ultratrace levels. <i>Nanoscale</i> , 2013, 5, 5841.	5.8	90
28	Biological Evaluation of Rationally Modified Analogs of the H-Type II Blood Group Trisaccharide. A Correlation between Solution Conformation and Binding Affinity. <i>Journal of the American Chemical Society</i> , 1995, 117, 9432-9436.	14.6	86
29	Synthesis of gold nanoparticles inside polyelectrolyte brushes. <i>Journal of Materials Chemistry</i> , 2007, 17, 3433.	6.7	85
30	Imaging gold nanorods in excised human breast carcinoma by spectroscopic optical coherence tomography. <i>Journal of Materials Chemistry</i> , 2009, 19, 6407.	6.7	82
31	Spherical ensembles of gold nanoparticles on silica: electrostatic and size effects. <i>Chemical Communications</i> , 2002, , 1604-1605.	4.2	81
32	Polymer-iron oxide composite nanoparticles for EPR-independent drug delivery. <i>Biomaterials</i> , 2016, 101, 285-295.	11.8	80
33	Uniform Gold Nanorod Arrays from Polyethylenimine-Coated Alumina Templates. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23336-23341.	2.7	71
34	Preferred Conformations of C-Glycosides. 14. Synthesis and Conformational Analysis of Carbon Analogs of the Blood Group Determinant H-Type II. <i>Journal of Organic Chemistry</i> , 1995, 60, 2160-2169.	3.3	66
35	Preferred conformation of C-glycosides. 12. Synthesis and conformational analysis of .alpha.,.alpha.-, .alpha.,.beta.-, and .beta.,.beta.-C-trehaloses. <i>Journal of Organic Chemistry</i> , 1994, 59, 88-96.	3.3	62
36	Dithiocarbamate-Coated SERS Substrates: Sensitivity Gain by Partial Surface Passivation. <i>Langmuir</i> , 2009, 25, 13833-13839.	3.7	61

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37	Protein Corona Analysis of Silver Nanoparticles Exposed to Fish Plasma. <i>Environmental Science and Technology Letters</i> , 2017, 4, 174-179.	8.8	60
38	Encapsulation of Neutral Gold Nanoclusters by Resorcinarenes. <i>Langmuir</i> , 1999, 15, 8337-8339.	3.7	58
39	Temperature-Controlled Regioselectivity in the Reductive Cleavage of p-Methoxybenzylidene Acetals. <i>Journal of Organic Chemistry</i> , 2004, 69, 7206-7211.	3.3	58
40	Assembly of Dithiocarbamate-Anchored Monolayers on Gold Surfaces in Aqueous Solutions. <i>Langmuir</i> , 2008, 24, 8660-8666.	3.7	57
41	Lasing Action with Gold Nanorod Hyperbolic Metamaterials. <i>ACS Photonics</i> , 2017, 4, 674-680.	6.9	53
42	Silver nanoparticle-specific mitotoxicity in <i>Daphnia magna</i> . <i>Nanotoxicology</i> , 2014, 8, 833-842.	3.0	52
43	Synthesis of l-Sugars from 4-Deoxypentenoides. <i>Organic Letters</i> , 2002, 4, 2281-2283.	4.8	48
44	Orthogonal Sulfation Strategy for Synthetic Heparan Sulfate Ligands. <i>Organic Letters</i> , 2005, 7, 5095-5098.	4.8	47
45	Synergistic Effects of Cisplatin Chemotherapy and Gold Nanorod-Mediated Hyperthermia on Ovarian Cancer Cells and Tumors. <i>Nanomedicine</i> , 2014, 9, 1939-1955.	3.5	45
46	Cluster Size Analysis of Two-Dimensional Order in Colloidal Gold Nanoparticle Arrays. <i>Langmuir</i> , 2004, 20, 9360-9365.	3.7	44
47	Cys34-PEGylated Human Serum Albumin for Drug Binding and Delivery. <i>Bioconjugate Chemistry</i> , 2015, 26, 941-949.	3.8	44
48	TiN@TiO ₂ Core-Shell Nanoparticles as Plasmon-Enhanced Photosensitizers: The Role of Hot Electron Injection. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900376.	10.1	43
49	Self-assembly and flux closure studies of magnetic nanoparticle rings. <i>Journal of Materials Chemistry</i> , 2011, 21, 16686.	6.7	42
50	Stereoelectronic Factors in the Stereoselective Epoxidation of Glycols and 4-Deoxypentenoides. <i>Journal of Organic Chemistry</i> , 2011, 76, 2532-2547.	3.3	42
51	Mirror-Image Carbohydrates: Synthesis of the Unnatural Enantiomer of a Blood Group Trisaccharide. <i>Journal of Organic Chemistry</i> , 2004, 69, 3391-3399.	3.3	38
52	Resorcinarene-Encapsulated Nanoparticles: Building Blocks for Self-Assembled Nanostructures. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 83-86.	1.6	36
53	Trace detection of tetrabromobisphenol A by SERS with DMAP-modified magnetic gold nanoclusters. <i>Nanoscale</i> , 2015, 7, 10931-10935.	5.8	34
54	Two-photon luminescence imaging of Bacillus spores using peptide-functionalized gold nanorods. <i>Nano Research</i> , 2008, 1, 450-456.	10.6	33

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55	Reversal of Flux Closure States in Cobalt Nanoparticle Rings With Coaxial Magnetic Pulses. <i>Advanced Materials</i> , 2008, 20, 4248-4252.	24.3	33
56	Vascular toxicity of silver nanoparticles to developing zebrafish (<i>Danio rerio</i>). <i>Nanotoxicology</i> , 2016, 10, 1363-1372.	3.0	32
57	Self-assembly of Resorcinarene-stabilized Gold Nanoparticles: Influence of the Macrocyclic Headgroup. <i>Supramolecular Chemistry</i> , 2005, 17, 173-180.	1.3	31
58	Bishydrazide Glycoconjugates for Lectin Recognition and Capture of Bacterial Pathogens. <i>Bioconjugate Chemistry</i> , 2010, 21, 2065-2075.	3.8	30
59	Optical Imaging with Dynamic Contrast Agents. <i>Chemistry - A European Journal</i> , 2011, 17, 1080-1091.	3.9	30
60	Optimized Synthesis of an Orthogonally Protected Glucosamine. <i>Synthesis</i> , 2002, 2002, 487-490.	2.3	29
61	Encapsulation and functionalization of nanoparticles in crosslinked resorcinarene shells. <i>Journal of Materials Chemistry</i> , 2007, 17, 105-112.	6.7	28
62	Stereoselective synthesis of [13C]methyl 2-[15N]amino-2-deoxy- β -D-glucopyranoside derivatives. <i>Carbohydrate Research</i> , 2001, 334, 271-279.	2.4	27
63	Glycosyl Dithiocarbamates: β -Selective Couplings without Auxiliary Groups. <i>Journal of Organic Chemistry</i> , 2014, 79, 2611-2624.	3.3	27
64	Nanosilver-coated socks and their toxicity to zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2015, 119, 948-952.	8.4	27
65	Rapid Uptake and Photodynamic Inactivation of Staphylococci by Ga(III)-Protoporphyrin IX. <i>ACS Infectious Diseases</i> , 2018, 4, 1564-1573.	4.0	27
66	Roll-to-Roll Manufactured Sensors for Nitroaromatic Organophosphorus Pesticides Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35961-35971.	8.3	27
67	syn Additions to 4 β -Epoxy pyranosides: α -Synthesis of 1-Idopyranosides. <i>Organic Letters</i> , 2007, 9, 4849-4852.	4.8	25
68	Formation of the ST12 phase in nanocrystalline Ge at ambient pressure. <i>Journal of Materials Chemistry</i> , 2010, 20, 331-337.	6.7	24
69	Nanometric Resolution in the Hydrodynamic Size Analysis of Ligand-Stabilized Gold Nanorods. <i>Langmuir</i> , 2014, 30, 13737-13743.	3.7	24
70	Flux Closure in Self-Assembled Cobalt Nanoparticle Rings. <i>Angewandte Chemie</i> , 2003, 115, 5749-5751.	2.1	23
71	Nanoprobe implantation into mammalian cells by cationic transfection Electronic supplementary information (ESI) available: details of instrumentation, nanoprobe implantation and additional microscopy images. See http://www.rsc.org/suppdata/cc/b3/b317061f/ . <i>Chemical Communications</i> , 2004, , 784.	4.2	23
72	siRNA Delivery Using Dithiocarbamate-Anchored Oligonucleotides on Gold Nanorods. <i>Bioconjugate Chemistry</i> , 2019, 30, 443-453.	3.8	23

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73	Encagement of Gold Nanoclusters in Crosslinked Resorcinarene Shells. <i>Supramolecular Chemistry</i> , 2002, 14, 291-294.	1.3	22
74	Pre-nucleation and coalescence of cobalt nanoclusters mediated by multivalent calixarene complexes. <i>Chemical Communications</i> , 2009, , 4254.	4.2	22
75	Fabrication of Anisotropic Metal Nanostructures Using Innovations in Template-Assisted Lithography. <i>ACS Nano</i> , 2012, 6, 998-1003.	15.3	22
76	Extraction and Dispersion of Large Gold Nanoparticles in Nonpolar Solvents. <i>Journal of Dispersion Science and Technology</i> , 2001, 22, 485-489.	2.4	21
77	Conversion of α -D-Glucals into α -D-Glycals and Mirror-Image Carbohydrates. <i>Organic Letters</i> , 2004, 6, 119-121.	4.8	21
78	Resorcinarene-Encapsulated Gold Nanorods: Solvatochromatism and Magnetic Nanoshell Formation. <i>Supramolecular Chemistry</i> , 2008, 20, 35-40.	1.3	21
79	Preparation of Super-Stable Gold Nanorods via Encapsulation into Block Copolymer Micelles. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1872-1877.	8.3	21
80	Label-Free Detection of <i>Staphylococcus aureus</i> Captured on Immutible Ligand Arrays. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6404-6411.	8.3	21
81	Antimicrobial photodynamic activity of gallium-substituted haemoglobin on silver nanoparticles. <i>Nanoscale</i> , 2020, 12, 21734-21742.	5.8	21
82	Selective Detection of Ethylene by MoS ₂ Carbon Nanotube Networks Coated with Cu(I)-Pincer Complexes. <i>ACS Sensors</i> , 2020, 5, 1699-1706.	8.1	20
83	Differential response of macrophages to core-shell Fe ₃ O ₄ @Au nanoparticles and nanostars. <i>Nanoscale</i> , 2012, 4, 7143.	5.8	19
84	Time-Resolved Proteomic Visualization of Dendrimer Cellular Entry and Trafficking. <i>Journal of the American Chemical Society</i> , 2015, 137, 12772-12775.	14.6	19
85	Stereoselective Epoxidation of 4-Deoxypentenosides: A Polarized Model. <i>Organic Letters</i> , 2006, 8, 4545-4548.	4.8	18
86	Calixarene-stabilised cobalt nanoparticle rings: Self-assembly and collective magnetic properties. <i>Supramolecular Chemistry</i> , 2009, 21, 189-195.	1.3	18
87	Gold Nanorods: Multifunctional Agents for Cancer Imaging and Therapy. <i>Methods in Molecular Biology</i> , 2010, 624, 119-130.	0.0	18
88	Glycal Assembly by the in Situ Generation of Glycosyl Dithiocarbamates. <i>Organic Letters</i> , 2012, 14, 3380-3383.	4.8	17
89	Temperature Self-Calibration of Always-On, Field-Deployed Ion-Selective Electrodes Based on Differential Voltage Measurement. <i>ACS Sensors</i> , 2022, 7, 2661-2670.	8.1	17
90	Plasmonic Nanomaterials. <i>Nanostructure Science and Technology</i> , 2004, , 173-200.	0.0	16

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91	Photolithography of dithiocarbamate-anchored monolayers and polymers on gold. <i>Journal of Materials Chemistry</i> , 2011, 21, 4371.	6.7	15
92	Copper(I)â€“Pyrazolate Complexes as Solid-State Phosphors: Deep-Blue Emission through a Remote Steric Effect. <i>Journal of the American Chemical Society</i> , 2022, 144, 10186-10192.	14.6	14
93	Preparation of orthogonally protected chitosan oligosaccharides: observation of an anomalous remote substituent effect. <i>Carbohydrate Research</i> , 2002, 337, 1319-1324.	2.4	13
94	Designing Plasmonic Nanomaterials as Sensors of Biochemical Transport. <i>E-Journal of Surface Science and Nanotechnology</i> , 2006, 4, 9-18.	0.5	13
95	Micellization and Single-Particle Encapsulation with Dimethylammonioethyl Sulfobetaines. <i>ACS Omega</i> , 2017, 2, 1287-1294.	3.6	13
96	Plasmon-resonant gold nanorods provide spectroscopic OCT contrast in excised human breast tumors. , 2008, , .		12
97	Synthesis and Reactivity of 4â€“Deoxypentenoyl Disaccharides. <i>Journal of Organic Chemistry</i> , 2014, 79, 4878-4891.	3.3	12
98	Steady-State and Transient Performance of Ion-Sensitive Electrodes Suitable for Wearable and Implantable Electro-Chemical Sensing. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 96-107.	4.4	12
99	Synthesis and Characterization of Resorcinarene-Encapsulated Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 1999, 581, 59.	0.1	11
100	Dry Etching with Nanoparticles: Formation of High Aspectâ€“Ratio Pores and Channels Using Magnetic Gold Nanoclusters. <i>Advanced Materials</i> , 2018, 30, 1703091.	24.3	11
101	Tuning the Optical Properties of Large Gold Nanoparticle Arrays. <i>Materials Research Society Symposia Proceedings</i> , 2001, 676, 611.	0.1	10
102	Calixarene-Mediated Synthesis of Cobalt Nanoparticles: An Accretion Model for Separate Control over Nucleation and Growth. <i>Chemistry of Materials</i> , 2014, 26, 941-950.	7.1	10
103	Practical Synthesis of Aromatic Dithiocarbamates. <i>Synthetic Communications</i> , 2014, 44, 2336-2343.	2.0	10
104	Probing osmotic effects on invertase with l-(â€“)-sucrose. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3362.	2.9	9
105	Chiroptical Transitions of Enantiomeric Ligandâ€“Activated Nickel Oxides. <i>Small</i> , 2022, 18, e2107570.	11.2	9
106	Solid-Phase Synthesis of Î±-Glucosamine Sulfoforms with Fragmentation Analysis by Tandem Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2008, 73, 6059-6072.	3.3	8
107	Antidelaminating, Thermally Stable, and Cost-Effective Flexible Kapton Platforms for Nitrate Sensors, Mercury Aptasensors, Protein Sensors, and p-Type Organic Thin-Film Transistors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11369-11384.	8.3	8
108	Metal-Mesh Lithography. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4812-4818.	8.3	7

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109	Solid-Phase Synthesis of 2-Aminoethyl Glucosamine Sulfoforms. <i>Journal of Carbohydrate Chemistry</i> , 2012, 31, 384-419.	0.9	7
110	Label-Free Detection and Discrimination of Bacterial Pathogens Based on Hemin Recognition. <i>Bioconjugate Chemistry</i> , 2016, 27, 1713-1722.	3.8	6
111	Signal Generation with Gold Nanoparticles: Photophysical Properties for Sensor and Imaging Applications. , 2010, , 319-349.		6
112	Exfoliation and Spray Deposition of Graphene Nanoplatelets in Ethyl Acetate and Acetone: Implications for Additive Manufacturing of Low-Cost Electrodes and Heat Sinks. <i>ACS Applied Nano Materials</i> , 2023, 6, 14574-14582.	5.2	6
113	¹⁵ N Nuclear Magnetic Resonance Spectroscopy. Changes in Nuclear Overhauser Effects and T ₁ with Viscosity. <i>Journal of the American Chemical Society</i> , 1997, 119, 2915-2920.	14.6	5
114	Evaluation of steric effects on the exocyclic conformations of 6-C-methyl-substituted 2-acetamido-2-deoxy-β-D-glucopyranosides. <i>Carbohydrate Research</i> , 2002, 337, 83-86.	2.4	4
115	Frozen-Solution Conformational Analysis by REDOR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 14958-14959.	14.6	4
116	Cryoprotection with L- and meso-Trehalose: Stereochemical Implications. <i>ChemBioChem</i> , 2006, 7, 1959-1964.	2.8	4
117	Sulfoform generation from an orthogonally protected disaccharide. <i>Carbohydrate Research</i> , 2012, 355, 19-27.	2.4	4
118	Eco-friendly (green) synthesis of magnetically active gold nanoclusters. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 210-218.	6.1	4
119	A zinc-responsive fluorophore based on 5-((p-hydroxyphenyl)-pyridylthiazole). <i>Materials Chemistry Frontiers</i> , 2020, 4, 899-904.	5.9	4
120	Radiation-Tolerant Thin-Film Electrodes for pH Monitoring in Sterile Media. <i>Analytical Chemistry</i> , 2022, 94, 15535-15540.	6.8	4
121	Synthesis and Conformational Analysis of 6-C-Methyl-Substituted 2-Acetamido-2-deoxy-β-D-glucopyranosyl Mono- and Disaccharides. <i>Journal of Organic Chemistry</i> , 2005, 70, 214-226.	3.3	3
122	Electro- and photoactivation of silver-iron oxide particles as magnetically recyclable catalysts for cross-coupling reactions. <i>Nanoscale</i> , 2023, 15, 5074-5082.	5.8	3
123	Ligand-functionalized gold nanorods as theragnostic agents. , 2009, , .		2
124	Gold Nanorods as Theranostic Agents. , 2011, , 659-681.		2
125	Controlled Growth of Gold Nanorod Arrays from Polyethylenimine-coated Alumina Templates. <i>Materials Research Society Symposia Proceedings</i> , 2005, 900, O.12.32.1-O.12.32.7.	0.1	1
126	Plasmon-resonant nanorods as multimodal agents for two-photon luminescent imaging and photothermal therapy. , 2007, , .		1

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127	Off-Axis Electron Holography of Self-Assembled Co Nanoparticle Rings. Materials Research Society Symposia Proceedings, 2007, 1026, 1.	0.1	1
128	Focus on the Advances in Nanomedicine Symposium, 233rd National Meeting of the American Chemical Society, 2006. Nanomedicine, 2007, 2, 83-83.	3.5	1
129	Lithium Naphthalenide. , 0, , 1-6.		1
130	Metal Nanoparticle Ensembles. , 2004, , .		1
131	Encapsulation of Neutral Gold Nanoclusters by Resorcinarenes. Langmuir, 2000, 16, 3568-3568.	3.7	0
132	TEM Image Analysis of Self-Organized Large Gold Nanoparticle Arrays. Microscopy and Microanalysis, 2002, 8, 1134-1135.	0.4	0
133	XIIIth International Symposium on Supramolecular Chemistry, University of Notre Dame, South Bend, IN, July 25-30, 2004: Preface. Supramolecular Chemistry, 2005, 17, 7-8.	1.3	0
134	Cellular Interactions of Plasmon-Resonant Gold Nanorods. , 2010, , 507-533.		0
135	Focus on organic electronics. Science and Technology of Advanced Materials, 2014, 15, 040301.	6.1	0
136	Calixarene-Encapsulated Nanoparticles: Synthesis, Stabilization, and Self-Assembly. , 2016, , 921-939.		0
137	Vibrational Energy Harvester with Electric Double Layer Electrets. , 2020, , .		0
138	Mechanochemical esterification of cellulose nanofibers lyophilized from eutectic water-tert-butanol mixtures. Cellulose, 0, , .	5.1	0
139	Photodynamic treatment of <i>Staphylococcus aureus</i> with non-iron hemin analogs in the presence of hydrogen peroxide. RSC Medicinal Chemistry, 2024, 15, 2138-2145.	3.9	0
140	Rigidochromism of Tetranuclear Cu(I)-Pyrazolate Macrocycles: Steric Crowding with Trifluoromethyl Groups. Chemical Communications, 0, , .	4.2	0
141	Base-free trifluoroacetylation: From methyl glucopyranoside to cellulose nanofibers. Carbohydrate Research, 2024, 545, 109282.	2.4	0