

# Yoko Matsuzawa

## List of Publications by Year in descending order

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51  
papers

617  
citations

687363

13  
h-index

677142

22  
g-index

51  
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51  
docs citations

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times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly and Photoinduced Organization of Mono- and Oligopeptide Molecules Containing an Azobenzene Moiety. <i>Advanced Functional Materials</i> , 2007, 17, 1507-1514.	14.9	50
2	Photoinduced anchoring transitions in a nematic doped with azo dyes. <i>Liquid Crystals</i> , 2000, 27, 1011-1016.	2.2	48
3	Macrocyclic Amphiphiles. 3. $\epsilon$ -Monolayers of O-Octacarboxymethoxylated Calix[4]resorcinarenes with Azobenzene Residues Exhibiting Efficient Photoisomerizability. <i>Langmuir</i> , 1998, 14, 4495-4502.	3.5	36
4	Macrocyclic Amphiphiles. 1. Properties of Calix[4]resorcinarene Derivatives Substituted with Azobenzenes in Solutions and Monolayers. <i>Langmuir</i> , 1997, 13, 6780-6786.	3.5	32
5	Photoinduced Dispersibility Tuning of Carbon Nanotubes by a Water-Soluble Stilbene as a Dispersant. <i>Advanced Materials</i> , 2011, 23, 3922-3925.	21.0	32
6	Spontaneous aggregation of octaalkoxyphthalocyanine metal complexes at an air-water interface. <i>Thin Solid Films</i> , 1997, 301, 162-168.	1.8	30
7	Macrocyclic amphiphiles. Part 2. $\epsilon$ -Multi-point adsorptivity of the crown conformer of calix[4]resorcinarenes and their derivatives on surfaces of amorphous polar substrates. <i>Journal of Materials Chemistry</i> , 1998, 8, 397-403.	6.7	30
8	Effect of Conformations of Trans- and Cis-Azobenzenes on Photoinduced Anchoring Transitions in a Nematic Liquid Crystal. <i>Japanese Journal of Applied Physics</i> , 2000, 39, L104-L106.	1.5	25
9	Photoisomerization of Azobenzene Units Controls the Reversible Dispersion and Reorganization of Fibrous Self-Assembled Systems. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1586-1590.	2.6	25
10	Host-Guest Monolayers of Metal Complexes of Octaalkoxyphthalocyanines with Long-Chain Normal Alkanes on a Water Surface. <i>Langmuir</i> , 1998, 14, 683-689.	3.5	22
11	Effective Nondestructive Purification of Single-Walled Carbon Nanotubes Based on High-Speed Centrifugation with a Photochemically Removable Dispersant. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5013-5019.	3.1	22
12	Light-driven modulation of fluorescence color from azobenzene derivatives containing electron-donating and electron-withdrawing groups. <i>New Journal of Chemistry</i> , 2010, 34, 2892.	2.8	20
13	Monolayers of Calix[4]resorcinarenes with Azobenzene Residues Exhibiting Efficient Photoisomerizability. <i>Chemistry Letters</i> , 1998, 27, 165-166.	1.3	14
14	Preparation of soluble tetrabenzoporphyrins with substituents at the peripheral positions. <i>Inorganica Chimica Acta</i> , 1998, 277, 151-156.	2.4	13
15	Effects of surfactant concentration on formation of high-aspect-ratio gold nanorods. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 265-272.	9.4	13
16	Host-Guest Monolayers of Cobalt Complex of Octaalkoxyphthalocyanines with Nematic Liquid Crystals. <i>Langmuir</i> , 1998, 14, 4891-4897.	3.5	12
17	Hydrophilic Interface-Directed Self-Assembly of Bola-Form Amide into Hollow Spheres. <i>Advanced Materials</i> , 2003, 15, 1417-1420.	21.0	11
18	Dual use of anionic azobenzene derivative as dispersant and dopant for carbon nanotubes for enhanced thermal stability of transparent conductive films. <i>Carbon</i> , 2019, 152, 247-254.	10.3	11

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19	Dispersibility Switching of Carbon Nanotubes and Carbon Black by the Photoisomerization of a Cationic Azobenzene Derivative. <i>Chemistry Letters</i> , 2016, 45, 1307-1309.	1.3	10
20	Characteristics of monolayers of calix[4]resorcinarenes derivatives having azobenzene chromophores. <i>Materials Science and Engineering C</i> , 1999, 8-9, 353-359.	7.3	9
21	Stable spherical hollow particles composed of bola-form amides via non-covalent interactions. <i>Journal of Materials Chemistry</i> , 2004, 14, 3532.	6.7	9
22	Formation of Highly Pure and Patterned Carbon Nanotube Films on a Variety of Substrates by a Wet Process Based on Light-Induced Dispersibility Switching. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30805-30811.	8.0	9
23	Dismantlable Adhesion Interface Featuring a Thermo/Photocleavable Molecular Layer. <i>Advanced Engineering Materials</i> , 2022, 24, 2100823.	3.5	9
24	Mixed Monolayers of a Calix[4]resorcinarene with a Nematic Liquid Crystal and Their Bilayered Structuring. <i>Chemistry Letters</i> , 1998, 27, 411-412.	1.3	8
25	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 173-183.	1.6	8
26	Structure of Hybrid Langmuir-Blodgett Films of Amphiphilic Cyclodextrin and Water-Soluble Azobenzene. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 425, 197-204.	0.9	8
27	Photoresponsive monolayers on water and solid surfaces. <i>Supramolecular Science</i> , 1998, 5, 373-377.	0.7	7
28	Fabrication of Ultrathin Films of Liquid Crystals Assisted by (Octaalkoxyphthalocyanato)cobalt at the Air/Water Interface. <i>Langmuir</i> , 2000, 16, 8390-8395.	3.5	7
29	Photopatterned Single-Walled Carbon Nanotube Films Utilizing the Adsorption/Desorption Processes of Photofunctional Dispersants. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28400-28405.	8.0	7
30	Photoplasticization Behavior and Photoinduced Pressure-Sensitive Adhesion Properties of Various Polymers Containing an Azobenzene-Doped Liquid Crystal. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1588-1594.	3.2	7
31	Fabrication of stimulus-responsive molecular layer comprising anthracene molecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126301.	4.7	7
32	Carbon Nanotube Liquid Crystal Dispersion for Large-Area, Micropatterned Aligned Films. <i>ACS Applied Nano Materials</i> , 2022, 5, 2195-2203.	5.0	7
33	Molecular orientation of octaalkoxyphthalocyanine derivatives in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1998, 327-329, 87-89.	1.8	6
34	Formation of hybrid floating films composed of hydrophobic guests and amphiphilic calix[4]resorcinarenes at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 247, 47-53.	4.7	6
35	Hybrid Langmuir and Langmuir-Blodgett films composed of amphiphilic cyclodextrins and hydrophobic azobenzene derivative. <i>Thin Solid Films</i> , 2006, 510, 292-296.	1.8	6
36	Phase behavior and spherical hollow particle formation by dipeptide-based two-headed amphiphiles in a mixed solvent of dimethyl sulfoxide and water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 297, 191-197.	4.7	6

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37	Switching the optical and electrical properties of carbon nanotube hybrid films using a photoresponsive dispersant as a dopant. <i>RSC Advances</i> , 2018, 8, 11186-11190.	3.6	6
38	Formation of a Lyotropic Liquid Crystal Phase in a Single Walled Carbon Nanotube Aqueous Ink with Low-molecular-weight Electrolyte. <i>Chemistry Letters</i> , 2017, 46, 1186-1189.	1.3	5
39	LB Monolayers Composed of Aminimide Derivatives Having Two Alkyl Chains. Wetting Properties and Alignment of Nematic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 181-188.	0.9	4
40	Light-Induced Fabrication of Patterned Conductive Nanocarbon Films for Flexible Electrode. <i>ACS Applied Nano Materials</i> , 2020, 3, 8866-8874.	5.0	4
41	Floating Mixed Monolayers of Octaalkoxymetallophthalocyanines with Liquid Crystalline Azobenzenes. <i>Chemistry Letters</i> , 1998, 27, 341-342.	1.3	3
42	Molecular organization of aminimides with long-alkyl chains on water surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 165-172.	4.7	3
43	Convenient preparation of stimulus-responsive molecular layers containing anthracene molecules to control surface properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127547.	4.7	3
44	Host-guest monolayers of octaalkoxyphthalocyanatocobalt with nematic liquid crystals at the air-water interface. <i>Materials Science and Engineering C</i> , 1999, 8-9, 47-52.	7.3	2
45	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 199-210.	1.6	1
46	Hybrid Langmuir and LB Films Composed of Amphiphilic Cyclodextrins and Hydrophobic Azobenzene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 445, 139/[429]-147/[437].	0.9	1
47	Static Electricity-Responsive Supramolecular Assembly. <i>Chemistry - A European Journal</i> , 2017, 23, 16961-16965.	3.3	1
48	CNT Ink Preparation by Combined Use of High-pressure Emulsification and a Low Molecular Weight Organic Electrolyte as a Dispersant. <i>Chemistry Letters</i> , 2019, 48, 674-677.	1.3	1
49	Directed Assembly of Gold Nanorods by Microwrinkles. <i>Chemistry Letters</i> , 2019, 48, 1292-1295.	1.3	1
50	Surface properties of LB monolayers composed of aminimide derivatives having two alkyl chains. <i>Thin Solid Films</i> , 2003, 445, 131-137.	1.8	0
51	Photofunctional Dispersants for Single-Walled Carbon Nanotubes. <i>Oleoscience</i> , 2018, 18, 5-10.	0.0	0