

# Yukihiro Okamoto

## List of Publications by Year in descending order

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42  
papers

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citations

759233

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Dependence of the Core-Shell Structure on the Lipid Composition of Nanostructured Lipid Carriers: Implications for Drug Carrier Design. <i>ACS Applied Nano Materials</i> , 2022, 5, 9958-9969.	5.0	7
2	Characterization of entrapment behavior of polyphenols in nanostructured lipid carriers and its effect on their antioxidative activity. <i>Journal of Bioscience and Bioengineering</i> , 2022, 134, 269-275.	2.2	4
3	Structure and Properties Characterization of Amphiphilic Dendrons Modified Lipid Membrane. <i>Chemistry Letters</i> , 2021, 50, 187-190.	1.3	3
4	Effects of Lipid Bilayers and Polarity of the Organic Substrate on the Belousov-Zhabotinsky Reaction. <i>Membrane</i> , 2021, 46, 233-240.	0.0	1
5	Systematic Characterization of Nanostructured Lipid Carriers from Cetyl Palmitate/Caprylic Triglyceride/Tween 80 Mixtures in an Aqueous Environment. <i>Langmuir</i> , 2021, 37, 4284-4293.	3.5	14
6	Modulation of the Belousov-Zhabotinsky Reaction with Lipid Bilayers: Effects of Lipid Head Groups and Membrane Properties. <i>Langmuir</i> , 2021, 37, 6811-6818.	3.5	4
7	Investigation of Quercetin interaction behaviors with lipid bilayers: Toward understanding its antioxidative effect within biomembrane. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 49-55.	2.2	3
8	Insight into the Exosomal Membrane: From Viewpoints of Membrane Fluidity and Polarity. <i>Langmuir</i> , 2021, 37, 11195-11202.	3.5	15
9	Enzymatic hydrolysis of cellulose recovered from ionic liquid-salt aqueous two-phase system. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 624-631.	2.2	6
10	Characterization of pH-Responsive Self-Assembly Behaviors of Fatty Acid-Functionalized Prodrug. <i>Biochemical Engineering Journal</i> , 2020, 164, 107794.	3.6	1
11	A novel method of vesicle preparation by simple dilution of bicelle solution. <i>Biochemical Engineering Journal</i> , 2020, 162, 107725.	3.6	8
12	Changes Caused by Liposomes to the Belousov-Zhabotinsky Reaction. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9862-9869.	2.6	2
13	Site Specific Analysis of Anionic Lipid by Membrane Surface-enhanced Raman Spectroscopy with Different Sized Gold Nanoparticles. <i>Chemistry Letters</i> , 2020, 49, 1107-1110.	1.3	1
14	Evaluation of Molecular Ordering in Bicelle Bilayer Membranes Based on Induced Circular Dichroism Spectra. <i>Langmuir</i> , 2020, 36, 3242-3250.	3.5	7
15	Analytical Chemistry by Electrophoresis. <i>Analytical Sciences</i> , 2020, 36, 395-396.	1.6	1
16	Silver Nanoparticle-Phospholipid Self-Assembly Systems for Membrane Surface-Enhanced Raman Spectroscopy Analysis. <i>Membrane</i> , 2020, 45, 187-192.	0.0	0
17	Membrane Surface-Enhanced Raman Spectroscopy for Cholesterol-Modified Lipid Systems: Effect of Gold Nanoparticle Size. <i>ACS Omega</i> , 2019, 4, 13687-13695.	3.5	21
18	Characterization of Ionic Liquid Aqueous Two-Phase Systems: Phase Separation Behaviors and the Hydrophobicity Index between the Two Phases. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5866-5874.	2.6	16

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19	Separation Methods Utilizing Characteristics of Lipid Self-assembled Structures. <i>Bunseki Kagaku</i> , 2019, 68, 663-670.	0.2	0
20	Aggregation of chlorophyll a induced in self-assembled membranes composed of DMPC and DHPC. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 403-408.	5.0	6
21	Gel-Phase-like Ordered Membrane Properties Observed in Dispersed Oleic Acid/1-Oleoylglycerol Self-Assemblies: Systematic Characterization Using Raman Spectroscopy and a Laurdan Fluorescent Probe. <i>Langmuir</i> , 2018, 34, 2081-2088.	3.5	16
22	Design of Pyrene- $\alpha$ -Fatty Acid Conjugates for Real-Time Monitoring of Drug Delivery and Controllability of Drug Release. <i>ACS Omega</i> , 2018, 3, 3572-3580.	3.5	6
23	Systematic Characterization of DMPC/DHPC Self-Assemblies and Their Phase Behaviors in Aqueous Solution. <i>Colloids and Interfaces</i> , 2018, 2, 73.	2.1	14
24	Liposome Membranes Assist the $\alpha$ -Proline-catalyzed Aldol Reaction of Acetone and <i>p</i> -Nitrobenzaldehyde in Water. <i>Chemistry Letters</i> , 2018, 47, 931-934.	1.3	6
25	Characterization of DDAB/Cholesterol Vesicles and Its Comparison with Lipid/Cholesterol Vesicles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1989-1994.	0.9	2
26	Development of Separation Sciences Utilizing the Specific Properties of Microscopic Separation Fields. <i>Chromatography</i> , 2018, 39, 1-6.	1.7	0
27	Liposomes Can Achieve Enantioselective $C-C$ Bond Formation of an $\alpha$ -Amino Acid Derivative in Aqueous Media. <i>ACS Omega</i> , 2017, 2, 91-97.	3.5	10
28	Enantioselective $C-C$ Bond Formation Enhanced by Self-Assembly of Achiral Surfactants. <i>ACS Omega</i> , 2017, 2, 1447-1453.	3.5	4
29	Multi-Level Characterization of the Membrane Properties of Resveratrol-Incorporated Liposomes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4091-4098.	2.6	26
30	Induction of Chiral Recognition with Lipid Nanodomains Produced by Polymerization. <i>Biomacromolecules</i> , 2017, 18, 1180-1188.	5.4	17
31	Preferential Adsorption of $\alpha$ -Histidine onto DOPC/Sphingomyelin/3 $\beta$ -[ <i>N</i> -( <i>N</i> - $\epsilon$ -dimethylaminoethane)carbamoyl]cholesterol Liposomes in the Presence of Chiral Organic Acids. <i>Langmuir</i> , 2017, 33, 3831-3838.	3.5	5
32	Development of Time-course Oxygen Binding Analysis for Hemoglobin-based Oxygen Carriers. <i>Analytical Sciences</i> , 2017, 33, 953-956.	1.6	3
33	In Situ Cell Surface Modification for Surface-enhanced Raman Analysis of Cell Membrane. <i>Chemistry Letters</i> , 2016, 45, 622-624.	1.3	2
34	Development of Easy, Harmless, and Energy-saving Water Cleanup Method Based on Self-flotation of Hollow Glass Beads Coated with Fatty Acids. <i>Chemistry Letters</i> , 2016, 45, 544-546.	1.3	4
35	Characterization of Aqueous Oleic Acid/Oleate Dispersions by Fluorescent Probes and Raman Spectroscopy. <i>Langmuir</i> , 2016, 32, 7606-7612.	3.5	42
36	Electrophoretic separation method for membrane pore-forming proteins in multilayer lipid membranes. <i>Electrophoresis</i> , 2016, 37, 762-768.	2.4	5

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37	Chiral Selective Adsorption of Ibuprofen on a Liposome Membrane. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2790-2795.	2.6	33
38	Investigation of Fatty Acid Ketoimine Modified Liposome's Properties as a Drug Carrier. <i>Journal of Drug Delivery</i> , 2015, 2015, 1-7.	2.5	3
39	Membrane Surface-Enhanced Raman Spectroscopy for Sensitive Detection of Molecular Behavior of Lipid Assemblies. <i>Analytical Chemistry</i> , 2015, 87, 4772-4780.	6.5	38
40	High performance optical resolution with liposome immobilized hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 256-261.	5.0	7
41	Homochiral oligomerization of L-histidine in the presence of liposome membranes. <i>Colloid and Polymer Science</i> , 2015, 293, 3649-3653.	2.1	4
42	Systematical Characterization of Phase Behaviors and Membrane Properties of Fatty Acid/Didecyltrimethylammonium Bromide Vesicles. <i>Langmuir</i> , 2014, 30, 12721-12728.	3.5	38