

阿部正彦 教授 論文業績 2000年～2004年

年号	タイトル	著者	掲載	ページ/巻
2004	Design of vesicles of 1,2-di-o-acyl-3-o-( $\beta$ -D-sulfoquinovosyl)-glyceride bearing two stearic acids ( $\beta$ -SQDG-C18), a novel immunosuppressive drug	Masahiko ABE Hideki SAKAI Kenjiro MATSUMOTO Mika TAKENOUCI Keisuke OHTA Yumiko OHTA Tomohiro IMURA Yoshiteru YAMAMOTO Hiroeki SAHARA Fumio SUGAWARA Noriyuki SATO Kengo SAKAGUCHI	Biochemical Pharmacology	68, 2379-2386
2004	Inhibitory effect of lysophosphatidylcholine on pancreatic lipase-mediated hydrolysis in lipid emulsion	Wakako TSUZUKI Akemi UE Akihiko NAGAO Miyuki ENDO Masahiko ABE	Biochim Biophys. Acta	1684, 1-7
2004	Control of Photoreaction of Amphiphilic Spiropyran/ <i>n</i> -Alkane Langmuir and Langmuir-Blodgett Films Using the Phase Transition of <i>n</i> -Alkane	Takahiro NAKAZAWA Reiko AZUMI Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Langmuir	20(24), 10583- 10590
2004	Dynamic Light Scattering Studies on Ostwald Ripening and Composition Ripening of Oil Droplets in Oil-in-Water Emulsion Systems	Masako USUI Fuminori HARUSAWA Toshio SAKAI Takashi YAMASHITA Hideki SAKAI Masahiko ABE	Journal of Oleo Science	53(12), 611-617
2004	Synthesis and Photochemical Properties of a Cationic Surfactant Having a Spiropyran Group	Chengxu SUN Kouji ARIMITSU Koki ABE Takahiro OHKUBO Hideki SAKAI Masahiko ABE	Material Technology	22(6), 229-237
2004	高純度ポリグリセリン脂肪酸エステルを用いた香料エマルジョンの調製	中村哲也 藤田 明 菊池真弘 浅井茂雄 小石真純 石坂隆史 酒井秀樹 阿部正彦	Material Technology	22 (5), 181-190
2004	シリカ中空粒子担持銅触媒の調製とそのNO還元触媒活性	山口有朋 岩岡和輝 酒井秀樹 阿部正彦 湯浅 真	Journal Of the Japan Society of Colour Material	77(9), 389-394
2004	Liquid Crystalline Behaviors of Substituted Oligothiophene Binary Mixtures	Reiko AZUMI Takashi YAMADA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol. Cryst. Liq. Cryst., .. Submitted	406 pp. 181-186
2004	Control of Particle Alignment in Water by an Alternating Electric Field	Masahiko ABE Atsushi YAMAMOTO Masanori ORITA Takahiro OHKUBO Hideki SAKAI Nobuyuki MOMOZAWA	Langmuir	20,(17) 7021-7026
2004	Electrically Controlled Two-Dimensional Cluster Formation of Polystyrene Particles and Cluster Fixation with Adsorbed Polyelectrolyte	Hiroyuki YAMAZAKI Masanori ORITA Toshio SAKAI Takahiro OHKUBO Hideki SAKAI Takashi YAMASHITA Tohru KOHNO Masahiko ABE	Journal Of Oleo Science	53, (9) 437-444

2004	Surface Activity of Myristic Acid in the Poly (methyl methacrylate) /Supercritical Carbon Dioxide System	Katsuto OTAKE Masanori KOBAYASHI Yoshinobu OZAKI Satoshi YODA Yoshihiro TAKEBAYASHI Tsutomu SUGETA Noriaki NAKAZAWA Hideki SAKAI Masahiko ABE	Langmuir	20(15), 6182-6186
2004	Solution Properties of Sulfate-Type Fluoro-Hybrid Anionic Surfactants with a Benzene Ring in Their Molecules	Chengxu SUN Haruhiko MIYAZAWA Yukishige KONDO Norio YOSHINO Koki ABE Masanobu SAGISAKA Boonyarach KITTYANAN Takahiro OHKUBO Hideki SAKAI Masahiko ABE	Journal Of Oleo Science	53(8), 371-376
2004	Ordered Arrangement of Polystyrene Latex Particles Conducted by Electrophoresis and Dielectrophoresis	Hideki SAKAI Masanori ORITA Hiroyuki YAMAZAKI Toshio SAKAI Nobuyuki MOMOZAWA Takahiro OHKUBO Masahiko ABE	Journal Of Oleo Science	53(7), 355-362
2004	Brewster Angle Microscopic Observations of the Langmuir Films of Amphiphilic Spiropyran during Compression and under UV Illumination	Takahiro NAKAZAWA Reiko AZUMI Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Langmuir	20(13), 5439-5444
2004	Three-Dimensional Arrangements of Polystyrene Latex Particles with a Hyperbolic Quadruple Electrode System	Masahiko ABE Masanori ORITA Hiroyuki YAMAZAKI Shinya TSUKAMOTO Yuki TESHIMA Toshio SAKAI Takahiro OHKUBO Nobuyuki MOMOZAWA Hideki SAKAI	Langmuir	20(12), 5046- 5051
2004	Time-Scale and Sequence of Dynamic Structural Changes in a MgO-Attached Ruthenium Cluster Catalyst Observed by in Situ Time-Resolved DXAFS	Akane SUZUKI Aritomo YAMAGUCHI Teiji CHIHARA Yasuhiro INADA Makoto YUASA Masahiko ABE Masaharu NOMURA Yasuhiro IWASAWA	J.Phys. Chem., 108	pp.5609- 5616
2004	Preparation of Oleic Acid/Water Emulsions in Surfactant-Free Condition by Sequential Processing Using Midsonic-Megasonic Waves	Keiji KAMOGAWA Gen OKUDAIRA Mitsufumi MATSUMOTO Toshio SAKAI Hideki SAKAI Masahiko ABE	Langmuir	20(6), 2043-2047
2004	Membrane properties of binary and ternary systems of ganglioside G <sub>M1</sub> /dipalmitoyl-phosphatidylcholine/dioleoyl-phosphatidylcholine	Yumiko OHTA Shoko YOKOYAMA Hideki SAKAI Masahiko ABE	Colloids and Surfaces B: Biointerfaces	34, 147-153
2004	Thermal Hysteresis in the Photoresponsivity of a Langmuir Film of Amphiphilic Spiropyran	Mutsuyoshi MATSUMOTO Takahiro NAKAZAWA V.Ajay MALLIA Nobuyuki TAMAOKI Reiko AZUMI Hideki SAKAI Masahiko ABE	Journal of the American Chemical Society	126(4), 1006-1007
2004	メディアレス新型分散機能向上に関する研究	榎村真一 張 曉峰 荒木和也 横須賀正彦 武林 敬 阿部正彦	Journal of the Japan Society of Colour Material	77(3), 116-120

2004	メディアレス新型分散機分散部における流れの理論解析	榎村真一 張 曉峰 ファン・チュン・タン 横須賀正彦 武林 敬 阿部正彦	Journal of the Japan Society of Colour Material	77(3), 110-115
2004	Effect of membrane composition on surface states of ganglioside G <sub>M1</sub> /dipalmitoyl-phosphatidyl-choline/dioleoyl-phosphatidyl-choline monolayers	Shoko YOKOYAMA Yumiko Ohta Hideki SAKAI Masahiko ABE	Colloids and Surfaces :B Biointerfaces	34, 65-68
2004	超臨界逆相蒸発法による種々のリン脂質を用いたリポソームの調製と物性	後藤俊弘 井村知弘 横山祥子 酒井秀樹 大竹勝人 阿部正彦	Material Technology	22(1), 3-10
2004	Interfacial Properties of Branch-Tailed Fluorinated Surfactants Yielding a Water/ Supercritical CO <sub>2</sub> Microemulsion	Masanobu SAGISAKA Tatsunori FUJII Yoshinobu OZAKI Satoshi YODA Yoshihiro TAKEBAYASHI Yukishige KONDO Norio YOSHINO Hideki SAKAI Masahiko ABE Katsuto OTAKE	Langmuir	20(7), 2560-2566
2004	Temperature-Dependent Vesicle Formation Aqueous Solutions of Mixed Cationic and Anionic Surfactants	Koji TSUCHIYA Hisanori NAKANISHI Hideki SAKAI Masahiko ABE	Langmuir	20(6), 2117-2122
2004	Preparation, Characterization, and Catalytic Properties of Zirconium Containing Mesoporous Silicas, Zr-MCM-41	Aritomo YAMAGUCHI Masahito YOKOYAMA Akane SUZUKI Yasuhiro IWASAWA Makoto YUASA Masahiko ABE	Journal of the Japan Society of Colour Material	77(2), 57-63
2004	Effect of Matrix on Surface Pressure-Responsive Morphological Change of Ganglioside G <sub>M1</sub> (GM1), Related to the Individual Role of GM1 in Each Organ?	Shoko YOKOYAMA Yumiko OHTA Tadahiro TAKEDA Tomohiro IMURA Hideki SAKAI Masahiko ABE	Journal of Oleo Science	53(2), 97-100
2004	Membrane properties of mixed ganglioside G <sub>M1</sub> /phosphatidylcholine monolayers	Yumiko OHTA Shoko YOKOYAMA Hideki SAKAI Masahiko ABE	Colloids and Surfaces B: Biointerfaces	33, 191-197
2004	Reversible control of vesicle formation using electrochemical reaction	Hideki SAKAI Hitoshi IMAMURA Yukishige KONDO Norio YOSHINO Masahiko ABE	Colloids and Surfaces A: Physicochem Eng. Aspects	232, 221-228
2003	Complicated Membrane Surface for Ganglioside G <sub>M1</sub> / Dipalmitoylphosphatidylcholine/ Dioleoylphosphatidylcholine (26:90:90) Monolayer, Related to the Various Functions of Brain Cell?	Shoko YOKOYAMA Tadahiro TAKEDA Yumiko OHTA Hideki SAKAI Masahiko ABE	Material Technology	21(6), 286-288
2003	Morphology Change of Mixed Ganglioside G <sub>M1</sub> /Phosphatidylcholine Membrane with Temperature, Related to Biological Preventive Mechanism?	Shoko YOKOYAMA Yumiko OHTA Tomohiro IMURA Tadahiro TAKEDA Hideki SAKAI Masahiko ABE	Material Technology	21(5), 229-232
2003	高分子化医薬品(DE-310)の溶存状態に及ぼす無機電解質の影響	竹内正人 市毛秀俊 冨塚俊昭 酒井秀樹 阿部正彦	Material Technology	21(5), 219-228
2003	高純度ポリグリセリン脂肪酸エステル/水/ 香料三成分系の相挙動と液晶形成	中村哲也 浅井茂雄 小石真純 石坂隆史 酒井秀樹 阿部正彦	Material Technology	21(5), 210-218
2003	Controlled Release of Vitamin E from Thermo-Responsive Polymeric Physico-Gel	Masato ISHIDA Hideki SAKAI Shinji SUGIHARA Sadahito AOSHIMA Shoko YOKOYAMA Masahiko ABE	Chemical & Pharmaceutical Bulletin	51(11), 1348- 1349

2003	Electrochemical Reaction in an Aqueous Solution of a Ferrocene-Modified Cationic Surfactant Mixed with an Anionic Surfactant	Koji TSUCHIYA Hideki SAKAI Tetsuo SAJI Masahiko ABE	Langmuir	19(22), 9343- 9350
2003	Effects of CO <sub>2</sub> -Phylic Tail Structure on Phase Behavior of Fluorinated Aerosol-OT Analogue Surfactant/Water/Supercritical CO <sub>2</sub> Systems	Masanobu SAGISAKA Satoshi YODA Yoshihiro TAKEBAYASHI Katsuto OTAKE Yukishige KONDO Norio YOSHINO Hideki SAKAI Masahiko ABE	Langmuir	19(20), 8161-8167
2003	An Analysis on Multi-Step-Growth of Oil Droplets Dispersed in Water	Toshio SAKAI Masahiko ABE Nobuyuki MOMOAZWA	Journal of Oleo Science	52(12), 681-684
2003	凍結乾燥による新規高分子化医薬品(DE-310)の分子量増加に及ぼす賦形剤の添加効果	竹内正人 浅生将英 富塚俊昭 酒井秀樹 阿部正彦	Material Technology	21(4), 184-193
2003	Magnetic Properties of (Ba <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> Zn <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> as Revealed by Magnetization Measurements and Neutron Diffraction	Shigenori UTSUMI Daisuke YOSHIDA Hironobu SUGIHARA Hisayuki NAKANISHI Masahiko ABE Nobuyuki MOMOZAWA	Material Technology	21(4), 145-150
2003	Effects of Poly(ethylene glycol)(PEG)Chain Length of PEG-Lipid on the Permeability of Liposomal Bilayer Membranes	Kaname HASHIZAKI Hiroyuki TAGUCHI Chika ITOH Hideki SAKAI Masahiko ABE Yoshihiro SAITO Naokake OGAWA	Chemical and Pharmaceutical Bulletin	51(7), 815-820
2003	Preparation and Photocatalytic Activity of Tiania Particulate Film with Silica as Binder	Hirofumi Shibata Hideki SAKAI P.RANGSUNVIGIT Teruyoshi HIRANO Masahiko ABE	Surface Coatings International B:Coatings Transactions	86,B2 125-130
2003	Characterization of vesicles prepared with various non-ionic surfactants mixed with cholesterol	Aranya MANOSROI Paveena WONGTRAKUL Jiradej MANOSROI Hideki SAKAI Fumio SUGAWARA Makoto YUASA Masahiko ABE	Colloids and Surfaces B:Biointerfaces	30, 129-138
2003	Dispersion and Stabilization in Water of Droplets of Hydrophobic Organic Liquids with the Addition of Hydrophobic Polymers	Keiji KAMOGAWA Naoko KUWAYAMA Toshiyuki KATAGIRI Hidetaka AKATUKA Toshio SAKAI Hideki SAKAI Masahiko ABE	Langmuir	19(10), 4063-4069
2003	Nano-atomization of titanium diboride using ordered mixture and metallothermic reaction methods	Katsuhiro NISHIYAMA Tetsuo ONO Ai NAKAYAMA Hideki SAKAI Masumi KONISHI Masahiko ABE	Surface Coatings International B:Coatings Transactions	86.B3 169-174
2003	Growth of Highly-Oriented Silica Nanotubes on Mica Substrate	Hideki SAKAI Ryoko TAKUBO Takahiro OHKUBO Aritomo YAMAGUCHI Toshiaki KAKIHARA Masahiko ABE	Journal of the Japan Society of Colour Material	76(12), 476-479
2003	Microstructures in the aqueous solutions of a hybrid anionic fluorocarbon/hydrocarbon surfactant	Dganit DANINO Daphne WEIHS Raoul ZANA Greger ORÄDD Göran LINDBLOM Masahiko ABE Yeshayahu TALMON	Journal of Colloid and Interface Science	259, 382-390

2003	The observation of two compensation temperatures in a cobalt-manganese hexacyanochromate	Shin-ichi OHKOSHI Toshiya HOZUMI Masayoshi UTSUNOMIYA Masahiko ABE Kazuhito HASHIMOTO	Physica B	329-333, 691-692
2003	Monitoring Growth of Surfactant-Free Nanodroplets Dispersed in Water by Single-Droplet Detection	Toshio SAKAI Yoshihiro TAKEDA Fumitaka MAFUNE Masahiko ABE Tamotsu KONDOW	The Journal of Physical Chemistry B	107(13), 2921-2926
2003	Water in Supercritical CO <sub>2</sub> Microemulsion Formation by Fluorinated Surfactants	Takabumi NAGAI Kazuhisa FUJII Katsuto OTAKE Masahiko ABE	Chemistry Letters	32(4), 384-385
2003	高純度トリグリセリンモノ脂肪酸エステル合成とその界面活性	橋本 悟 齊藤祐介 酒井秀樹 阿部正彦	Material Technology	21,(1) 13-23
2003	Preparation of a W/scCO <sub>2</sub> Microemulsion Using Fluorinated Surfactants	Masanobu SAGISAKA Satoshi YODA Yoshihiro TAKEBAYASI Katsuto OTAKE Boonyarach KITILYANAN Yukishige KONDO Norio YOSHINO Kei TAKEBAYASHI Hideki SAKAI Masahiko ABE	Langmuir	19,(2) 220-225
2003	Localization of Mitogen-Active Oligosaccharide in Ganglioside G <sub>M3</sub> -Phospholipid Monolayers	Shoko YOKOYAMA Noriyasu HADA Tadahiro TAKEDA Yumiko OHTA Tomohiro IMURA Masahiko ABE	Material Technology	21,(1) 3-6
2003	Nanoscale Patterning of Adsorbed Amphiphile Films with an Atomic Force Microscope Probe	Wakako YOKOYAMA Hideki SAKAI Masahiko ABE James F. RATHMAN	Langmuir	19(7), 2845-2850
2003	Control of Physicochemical Properties of Liposomes Using a Supercritical Reverse Phase Evaporation Method	Tomohiro IMURA Toshihiro GOTO Katsuto OTAKE Satoshi YODA Yoshihiro TAKEBAYASI Shoko YOKOYAMA Hitoshi TAKEBAYASHI Hideki SAKAI Makoto YUASA Masahiko ABE	Langmuir	19(6), 2021-2025
2003	Preparation and Physicochemical Properties of Various Soybean Lecithin Liposomes Using Supercritical Reverse Phase Evaporation Method	Tomohiro IMURA Katsuto OTAKE Satoru HASHIMOTO Toshihiro GOTOH Makoto YUASA Shoko YOKOYAMA Makoto YUASA Hideki SAKAI James F. RATHMAN Masahiko ABE	Colloids and SurfacesB: Biointerfaces	27(23), 133-140
2003	Suspension Polymerization of Styrene Monomer without Emulsifier and Initiator	Gen OKUDAIRA Keiji KAMOGAWA Toshio SAKAI Hideki SAKAI Masahiko ABE	Journal of Oleo Science	52(3), 167-170
2003	Phase Behavior and Interfacial Properties of Water-in-Supercritical CO <sub>2</sub> Microemulsions Formed with Aid of Fluorinated Surfactants	Masanobu SAGISAKA Yoshinobu OZAKI Satoshi YODA Yoshihiro TAKEBAYASI Katsuto OTAKE Yukishige KONDO Norio YOSHINO Hideki SAKAI Masahiko ABE	Material Technology	21,(1) 36-42

2003	Development of Continuous Batch System for Mass Production of Liposomes	Tomohiro IMURA Toshihiro GOTOH Satoshi YODA Katsuto OTAKE Hitoshi TAKEBAYASI Masahiko YOKOSUKA Hideki SAKAI Masahiko ABE	Material Technology	21,(1) 30-35
2002	高分子化医薬品であるDE-310の保存過程における分子量変化	竹内正人 浅生将英 富塚俊昭 酒井秀樹 阿部正彦	Material Technology	20(5), 242-247
2002	ポリグリセリン脂肪酸エステル合成とその疎媒体	橋本悟 斎藤祐介 酒井秀樹 阿部正彦	Material Technology	20(5), 255-261
2002	Nano-dot formation using self-assembled 3-mercaptopropionic acid thin films prepared by facile atmospheric-vapor-adsorption method on Au (111)	Tohru NAKAMURA Ryota KIMURA Hideki SAKAI Masahiko ABE Hiroshi KONDOH Toshiaki OHTA	Applied Surface Science202	241-251
2002	Perparation of ganglioside GM <sub>3</sub> liposomes and their membrane properties	Soko YOKOYAMA Tadahiro TAKEDA Masahiko ABE	Colloids and Surfaces B: Biointerfaces	27, 181-187
2002	Membrane Properties of Mixed Dipalmitoylphosphatidylglycerol/Ganglioside GM <sub>3</sub> Liposomes in the Presence of Bovine Serum Albumin	Shoko YOKOYAMA Tadahiro TAKEDA Tadashi TSUNODA Yumiko OHTA Tomohiro IMURA Masahiko ABE	Colloids and Surfaces B: Biointerfaces	27, 141-146
2002	メディアレス新型分散機の開発とその応用に関する研究	榎村真一 荒木和也 横須賀正彦 武林 敬 湯浅 真 阿部正彦	Journal of the Japan Society of Colour Material	75(12), 586-591
2002	Light-Induced J-Aggregation of Merocyanine in Langmuir and Langmuir-Blodgett Films	Mutsuyoshi MATUMOTO Takahiro NAKAZAWA Reiko AZUMI Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE	Journal of Physical Chemistry B	106(44), 11487-11491
2002	Formation of Triangular Polymer Domains in Surfactant Films Adsorbed on Solid Substrate	Hidemoto NAKAMURA Hideki SAKAI Sadahito AOSHIMA Masahiko ABE	Journal of Oleo Science	51(12), 781-787
2002	Adsorption and Micelle Formation of Mixed Surfactant Systems in Water.I. a Combination of Top-Heavy Type Anionic Surfactants	Gohsuke SUGIHARA Hiroko YUTA Ayaki MIYAZONO Masahiko ABE Seong-Geun OH	Journal of Oleo Science	51(11), 715-728
2002	超臨界二酸化炭素を用いたビニルモノマーの分散重合	小林正範 水口勝信 酒井秀樹 阿部正彦 大竹勝人	Journal of the Japan Society of Colour Material	75(8), 371-377
2002	高分子を吸着させた黒鉛微粒子の分散および塗膜特性	黒川 尚 川野伸一 加茂川恵司 白髭 稔 千代田博信 酒井秀樹 阿部正彦	Material Technology	20(4), 165-172
2002	Dye Transfer between Surfactant-Free Nanodroplets Dispersed in Water	Toshio SAKAI Yoshihiro TAKEDA Fumitaka MAFUNE Masahiko ABE Tamotsu KONDOW	The Journal of Physical Chemistry B	106,(19) 5017-5021
2002	First Anionic Micelle with Unusually Long Lifetime: Self-Assembly of Fluorocarbon-Hydrocarbon Surfactant	Yukishige KONDO Haruhiko MIYAZAWA Hideki SAKAI Masahiko ABE Norio YOSHINO	Journal of American Chemical Society	124,(23) 6516-6517

2002	Observation of Spin Transition in an Octahedrally Coordinated Manganese (II) Compound	Shin-ichi OHKOSHI Hiroko TOKORO Masayoshi UTSUNOMIYA Mikihisa MIZUNO Masahiko ABE Kazuhito HASHIMOTO	The Journal of Physical Chemistry B	106(10), 2423-2425
2002	Electrochemical Behavior of a Ferrocene-Modified Cationic Surfactant Mixed with an Anionic Surfactant in Aqueous Solutions	Koji TSUCHIYA Hideki SAKAI Kyungok KWON Takuto TAKEI Masahiko ABE	Journal of Oleo Science	51(2), 133-140
2002	Solubilization of Oil-Soluble Medicines by Liposome with Deep Sea Water	Chihiro KAISE Hideki SAKAI Aritomo YAMAGUCHI Shoko YOKOYAMA Teruhisa KANEKO Masahiko ABE	Journal of Oleo Science	51(2), 145-149
2002	Pyrene Fluorescence Measurements of Metastable Oil Droplets in Surfactant-Free Oil-in-Water Emulsions	Toshio SAKAI Keiji KAMOGAWA Kyungok KWON Hideki SAKAI Masahiko ABE	Colloid Polymer Science	280, 99-106
2002	Structural Changes of Polyion Complex Langmuir-Blodgett Films Accompanied by Polymerization of Amphiphilic Diacetylene	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Colloids and Surfaces A: Physico-chemical and Engineering Aspects	198-200, 83-88
2002	Dimpled Polymer Particles Prepared by Single-Step Method in an Acoustic Field	Toshio SAKAI Hideki SAKAI Masahiko ABE	Langmuir	18,(10) 3763-3766
2002	シリカ微粒子を用いたインクジェット紙におけるインク吸収層の界面化学的検討	斉藤康行 川野伸一 武林 敬 山口有朋 酒井秀樹 阿部正彦	Journal of the Japan Society of Colour Material	75(4), 162-166
2002	Lipid Peroxidation and the Antioxidant Effect of 3, 5, 7, 4'-Tetrahydroxy-2'-Methoxyflavone; Direct Observation by Atomic Force Microscopy	Shoko YOKOYAMA Tadahiro TAKEDA Hiromi TAKAHASHI Yumiko OHTA Sung HEE PARK Takashi NISHIKAWA Masahiko ABE	Journal of Oleo Science	51(1), 63-67
2002	Vesicles Formation of Double-Chain Cationic Surfactants with Different Chain-Lengths in Deep Sea Water	Chihiro KAISE Hideki SAKAI Aritomo YAMAGUCHI Shoko YOKOYAMA Teruhisa KANEKO Youichiro ARAI Masahiko ABE	Journal of Oleo Science	51(1), 43-50
2002	Molecular Diffusion of Oil/Water Emulsions in Surfactant-Free Conditions	Toshio SAKAI Keiji KAMOGAWA Katsuhiro NISHIYAMA Hideki SAKAI Masahiko ABE	Langmuir	18(6), 1985-1990
2002	スパイラルフローを利用した表面改質装置によるチタン酸カリウムウイスキー表面の疎水化	鍋島紹平 横須賀正彦 武林 敬 堀井清之 山口有朋 酒井秀樹 阿部正彦	Journal of the Japan Society of Colour Material	73(3), 95- 99
2002	Electrochemical Control of Vesicle Formation with a Double-Tailed Cationic Surfactant Bearing Ferrocenyl Moieties	Yasushi KAKIZAWA Hideki SAKAI Aritomo YAMAGUCHI Yukishige KONDO Norio YOSHINO Masahiko ABE	Langmuir	17(26), 8044-8048
2001	Structure of the Langmuir-Blodgett Films of Arachidic Acid Mixed with Amphiphilic Ammonium Ions and an Amphiphilic Amine	Reiko AZUMI Hisaki MUTSUZAKI Hiroaki TACHIBANA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol.Cryst. And Liq. Cryst	370, 261-264

2001	一鎖型フェロセン修飾界面活性剤を用いた化学的酸化による可溶化の制御	柿澤恭史 酒井秀樹 近藤行成 好野則夫 阿部正彦	Material Technology	19(6), 259-266
2001	Conformational Change of Ganglioside G <sub>M1</sub> with Surface Pressure, Related to Signal Transduction?	Shoko YOKOYAMA Tadahiro TAKEDA Yumikko OHTA Tomohiro IMURA Aritomo YAMAGUCHI Hideki SAKAI Masahiko ABE	Journal of Oleo Science	50(11), 917-920
2001	Syntheses of Amphiphilic Block Copolymers by Living Cationic Polymerization of Vinyl Ethers and Their Selective Solvent-Induced Physical Gelation	Shinji SUGIHARA Shin-ichiro MATSUZONO Hideki SAKAI Masahiko ABE Sadahito AOSHIMA	Journal of Polymer Science A: Polymer Chemistry	39, 3190-3197
2001	Cation Distribution and Helimagnetic Structure of Ba <sub>2</sub> (Zn <sub>1-x</sub> Mg <sub>x</sub> ) <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> System as Revealed by Magnetization Measurements and Neutron Diffraction	Nobuyuki MOMOZAWA Yukinobu NAGAO Shigenori UTSUMI Masahiko ABE Yasuo YAMAGUCHI	Journal of Physical Society of Japan	70(9), 2724-2732
2001	Reversible Release Control of an Oily Substance Using Photoresponsive Micelles	Yoichi ORIHARA Atsutoshi MATUMURA Yoshihiro SAITO Naotake OGAWA Tetsuo SAJI Aritomo YAMAGUCHI Hideki SAKAI Masahiko ABE	Langmuir	17(20), 6072-6076
2001	Electrochemical Behavior of a Ferrocene Solubilized in Surfactant Micelles: Electrostatic Interaction between Ferricinium Ion and Anionic Micelles	Hideki SAKAI Tatsuya MATUMI Yasushi KAKIZAWA Hitoshi IMAMURA Takuto TAKEI Koji TSUCHIYA Kyungok KWON Aritomo YAMAGUCHI Masahiko ABE	Journal of Oleo Science	50(12), 937-943
2001	Liquid Crystalline Behavior of $\alpha$ -Substituted Oligothiophenes	Takashi YAMADA Reiko AZUMI Hiroaki TACHIBANA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Chemistry Letters	1022-1023
2001	Emulsifying Potency of New Amino Acid-Type Surfactant (II): Stable W/O Emulsions Containing 85 wt% Inner Water Phase	Shoko YOKOYAMA Junichi KOUCHI Tatsuru TABOHASHI Fuminori HARUSAWA Aritomo YAMAGUCHI Hideki SAKAI Masahiko ABE	Chem. Pharm. Bull	49(10), 1331-1335
2001	Emulsifying Potency of New Amino Acid-Type Surfactant (I) - O/W Emulsions -	Junichi KOUCHI Tatsuru TABOHASHI Shoko YOKOYAMA Fuminori HARUSAWA Aritomo YAMAGUCHI Hideki SAKAI Masahiko ABE	Journal of Oleo Science	50(11), 847-855
2001	ウシ血清アルブミンの溶存状態に及ぼすTween系界面活性剤の影響	山崎忠男 石田正人 山口有朋 酒井秀樹 阿部正彦	Material Technology	19(5), 209-214
2001	ベンゼン環を二個有する二親水基型ハイブリッド界面活性剤の合成	近藤行成 猪俣玲子 酒井秀樹 阿部正彦 好野則夫	Material Technology	19(5), 203-208
2001	Preparation of Polymers by Admicellar Polymerization Method and Their Carbonization	Masahiro OCHIAI Hideki SAKAI Aritomo YAMAGUCHI Takashi YAMASHITA Noboru SUZUKI Sadahito AOSHIMA Masahiko ABE	Journal of Oleo Science	50(9), 683-692



2001	(Ba <sub>1-x</sub> Sr <sub>x</sub> ) <sub>3</sub> Zn <sub>2</sub> Fe <sub>24</sub> O <sub>41</sub> (x=0.64) のキャント磁気構造	内海重宣 織田政紀 吉羽大輔 小澤幸三 西山勝廣 阿部正彦 桃澤信幸	Material Technology	19(4), 135-145
2001	水中油滴型エマルションの分散および成長過程の in situ 測定システムの構築	酒井俊郎 加茂川恵司 小林竜也 榎村真一 酒井秀樹 阿部正彦	Material Technology	19(4), 127-134
2001	Development of a New Preparation Method of Liposomes Using Supercritical Carbon Dioxide	Katsuto OHTAKE Tomohiro IMURA Hideki SAKAI Masahiko ABE	Langmuir	17(13), 3898-3901
2001	Electrochemical Control of Solubilization Using a Ferrocene-Modified Nonionic Surfactant	Takuto TAKEI Hideki SAKAI Yukishige KONDO Norio YOSHINO Masahiko ABE	Colloids and SurfacesA: Physicochemical and Engineering Aspects	183-185 757-765
2001	Inhibition Effects of Gangliosides G <sub>M1</sub> , G <sub>D1a</sub> , and G <sub>T1b</sub> on Base-Catalyzed Isomerization of Prostaglandin A <sub>2</sub>	Shoko YOKOYAMA Tadahiro TAKEDA Masahiko ABE	Colloids and SurfacesB: Biointerfaces	20, 361-368
2001	Effects of Fluoroalkyl Chain Length and Added Moles of Oxyethylene on Aggregate Formation of Branched-Tail Fluorinated Anionic Surfactants	Masanobu SAGISAKA Atsushi ITO Yukishige KONDO Norio YOSHINO Kyung OK KWON Hideki SAKAI Masahiko ABE	Colloids and Surfaces A:Physico-chemical and Engineering Aspects	183-185 749-755
2001	Morphology and Polymerization Behavior of Amphiphilic Diacetylene Complexed with Polyallylamine in Langmuir-Blodgett Films	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Thin Solid Films	382, 257-262
2001	Surfactant-Free O/W Emulsion Formation of Oleic Acid and Its Esters with Ultrasonic Dispersion	Keiji KAMOGAWA Hidetaka AKATSUKA Mitsufumi MATUMOTO Shoko YOKOYAMA Toshio SAKAI Hideki SAKAI Masahiko ABE	Colloids and SurfacesA: Physicochemical and Engineering Aspects	180, (1-2) 41-53
2001	Effect of Adsorption of Bovine Serum Albumin on Liposomal Membrane Characteristics	Yumiko YOKOUCHI Tadashi TSUNODA Tomohiro IMURA Hitoshi YAMAUCHI Shoko YOKOYAMA Hideki SAKAI Masahiko ABE	Colloids and Surfaces B: Biointerfaces	20, 95-103
2001	Preparation of Liposomes Containing Ceramide 3 and Their Membrane Characteristics	Tomohiro IMURA Hideki SAKAI Hitoshi YAMAUCHI Chihiro KAISE Kozo KOZAWA Shoko YOKOYAMA Masahiko ABE	Colloids and SurfacesB: Biointerfaces	20, 1-8
2001	Effects of Lysozyme and Bovine Serum Albumin on Membrane Characteristics of Dipalmitoyl phosphatidylcerol Liposomes	Tadashi TSUNODA Tomohiro IMURA Makiko KADOTA Hitoshi YAMAUCHI Kyung OK KWON Shoko YOKOYAMA Hideki SAKAI Masahiko ABE	Colloids and SurfacesB: Biointerfaces	20, 155-163
2001	Direct Observation of Flocculation/Coalescence of Metastable Oil Droplets in Surfactant-Free Oil/Water Emulsion by Freeze Fracture Electron Microscopy	Toshio SAKAI Keiji KAMOGAWA Fuminori HARUSAWA Nobuyuki MOMOZAWA Hideki SAKAI Masahiko ABE	Langmuir	17(2), 255-259
2001	IR Spectroscopic Study on Changes in Aggregated State of Fluorinated Hybrid Surfactant	Atsushi ITO Hiroyoshi YAMAMOTO Hideki SAKAI Keiji KAMOGAWA Masahiko ABE	Journal of The Japan Society of Colour Material	74,(2) 68-71

2001	Structural and Morphological Changes and Polymerization Behaviors of Diacetylene Langmuir-Blodgett Films on Adding Water-Soluble Polyallylamine in the Subphase	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuo MATSUMOTO	Polymer	42, 1995-2000
2001	Atomic Force Microscopy Observation of the Nanostructure of Tetradecyltrimethyl-ammonium Bromide Films Adsorbed at the Mica/Solution Interface	Hideki SAKAI Hidemoto NAKAMURA Kozo KOZAWA Masahiko ABE	Langmuir	17,(6) 1817-1820
2001	Direct Observations of Assemblies of Novel Branched-Tail Fluorinated Anionic Surfactants in Water	Masanobu SAGISAKA Kyung Ok KWON Hideki SAKAI Masahiko ABE	Journal of the Japan Society of Colour Material	74,(2) 63-67
2001	Photocatalytic Activity of TiO <sub>2</sub> Particulate Films Prepared by Depositing TiO <sub>2</sub> Particles with Various Sizes	Eiichi KOZAWA Hideki SAKAI Teruyoshi HIRANO Tohru KOHNO Toshiyuki KAKIHARA Nobuyuki MOMOZAWA Masahiko ABE	Journal of Microencapsulation	18(1), 29-40
2001	J-Aggregate Formation in Single-Layer Amphiphilic Spiropyran Langmuir-Blodgett Films	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Chemistry Letters	1182-1183
2001	Solution Properties of Amino acid-type New Surfactant	Tatsuru TABOHASHI Kazuhiko TOBITA Kazutami SAKAMOTO Junichi KOUCHI Shoko YOKOYAMA Hideki SAKAI Masahiko ABE	Colloids and SurfacesB: Biointerfaces	20, 79-86
2000	STM Observations of the Self-Assembled Monolayers of $\alpha$ -Aryl- $\alpha'$ -Mercaptomethylthiophenes on Au(111)	Ryota KIMURA Tohru NAKAMURA Hisoshi KONDO Toshiaki OHTA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol. Cryst. Liq. Cryst., ... Submitted	349, 203-206
2000	Effect of Heat Treatment on Morphology and Polymerization of Langmuir-Blodgett Films of Amphiphilic Diacetylene Complexed with Polyallylamine	Hideki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol.Cryst.Liq.Cryst	349, 211-214
2000	J-Aggregate Formation and Morphological Change on UV Irradiation of the Langmuir-Blodgett Films Spiropyran	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol.Cryst, Liq.Cryst	345, 155-160
2000	Highly Conductive Inorganic-Organic Hybrid Langmuir-Blodgett Films Based on MoS <sub>2</sub>	Hiroaki TACHIBANA Yasushi YAMAMAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Chemistry of Materials	12(3), 854-856
2000	Surface Active Properties of Aqueous Solution of Diphenylpyraline Hydrochloride in the Presence of Procaine Hydrochloride	Shoko YOKOYAMA Takayoshi SUGA Tomohiro IMURA Masahiko ABE	Material Technology	18,(2) 62-65
2000	Solubilization of Oily Compounds into Fluorocarbon-Hydrocarbon Hybrid Surfactant Admicelles Formed on Alumina Surface	Akihiro SAEKI Hideki SAKAI Keiji KAMOGAWA Yukishige KONDO Norio YOSHINO Hirotaka UCHIYAMA Jeffrey H. HARWELL Masahiko ABE	Langmuir	16(26), 9991-9995
2000	非イオン界面活性剤のエマルション物性に及ぼす油性物質の極性の影響	酒井裕二 藤井秀俊 酒井秀樹 加茂川恵司 竹ノ内正起 春沢文則 阿部正彦	Material Technology	18(9), 351-358

2000	Domain Formations and Phase Separation in the Mixed Phosphatidylcholine/Ceramide 3 Monolayers and Bilayers	Tomohiro IMURA Hideki SAKAI Hitoshi YAMAUCHI Chihiro KAISE Mutsuyoshi MATSUMOTO Kozo KOZAWA Shoko YOKOYAMA Masahiko ABE	Journal of Japan Oil Chemists' Society	49(4), 373-377
2000	Self-Assembled Monolayers of Heavy Chalcogenophenes and Dialkyl Heavy Chalcogenides on Au (111)	Tohru NAKAMURA Ryota KIMURA Fumihiko MATSUI Hiroshi KONDOH Toshiaki OHTA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Langmuir	16(9), 4213-4216
2000	Atomic Force Microscopic Study on the Surface Properties of Phospholipid Monolayers Containing Ceramide 3	Tomohiro IMURA Hideki SAKAI Hitoshi YAMAUCHI Kozo KOZAWA Shoko YOKOYAMA Mutsuyoshi MATSUMOTO Masahiko ABE	Colloids and SurfacesB: Biointerfaces	19(1), 81-87
2000	J-aggregate Formation of Amphiphilic Merocyanine in Langmuir-Blodgett Films	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Journal of Luminescence	87-89, 800-802
2000	Highly Conductive Inorganic-Organic Hybrid Langmuir-Blodgett Films Based on MoS <sub>2</sub>	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Chemistry of Materials	12(3), 854-856
2000	Highly Electrical Conductivity of Hybrid Langmuir-Blodgett Films of Transition Metal Dichalcogenide and Amphiphilic Compounds	Hiroaki TACHIBANA Yasushi YAMANAKA Hideki SAKAI Masahiko ABE Mutsuyoshi MATSUMOTO	Mol.Cryst. And Liq .Cryst Liq Cryst	341, 137-142
2000	Fluorocarbon Hybrid Surfactants Characterization of Admicelles and Its Solubilization	Masahiko ABE Akihiro SAKEI Keiji KAMOGAWA Hideki SAKAI Yuksige KONDO Norio YOSHINO Hirota UCHIYAMA Jeffery H.HARWELL	Industrial and Engineering Chemistry Research	39(8), 2697-2703
2000	Preparation and Physicochemical Properties of New Crystalline Complexes Composed of Fatty Acids and 2-Aminoethanol	Shoko YOKOYAMA Masahiko ABE	Material Technology	17(5), 211-215
2000	ハイブリッド界面活性剤が吸着したアルミナ微粒子の分散特性	佐伯昭裕 加茂川恵司 伊藤 淳 近藤行成 好野則夫 酒井秀樹 阿部正彦	Material Technology	18(5), 158-163
2000	Effect of Ganglioside G <sub>M1</sub> Micelles on Autoxidation of Aqueous Solution of Epinephrine Hydrochloride	Shoko YOKOYAMA Tadashi TAKEDA Masahiko ABE	Material Technology	18(5), 164-170
2000	Mode Analysis of Binding of Fatty Acid to Mammalian DNA Polymerases	Yoshiyuki MIZUSHIMA Masanobu SAGISAKA Hideki SAKAI Masahiko ABE Kengo SAKAGUCHI	Biochim Biophys.Acta	1486, 211-218
2000	エマルションの生成と密接に関係する油/水界面張力の低下に及ぼす油の混合効果	工藤久美子 酒井裕二 酒井秀樹 岩橋慎夫 加茂川恵司 春沢文則 阿部正彦	Journal of the Japan Society of Colour Material	73(6), 275-281
2000	Amination of Activated Carbon and Adsorption Characteristics of Its Aminated Surface	Masahiko ABE Keiko KAWASHIMA Kozo KOZAWA Hideki SAKAI Katsumi KANEKO	Langmuir	16(11), 5059-5063

2000	界面動電音響振幅法を用いたO/W型エマルションの安定性の評価	山本徹郎 酒井秀樹 小澤幸三 酒井裕二 春沢文則 加茂川恵司 阿部正彦	Material Technology	18(2), 53-61
2000	Neutron Diffraction Study of Ba <sub>3</sub> Zn <sub>2</sub> Fe <sub>24</sub> O <sub>41</sub>	Shigenori UTSUMI Masanori ORITA Katsuhiro NISHIYAMA Kozo KOZAWA Hideki SAKAI Masahiko ABE Nobuyuki MOMOZAWA	Material Technology	18(1), 21-27
2000	水中におけるスルホコハク酸型フッ素系界面活性剤ベシクルの形状と大きさ	阿部正彦 近藤行成 鷹坂将伸 酒井秀樹 守田洋一 貝瀬千尋 好野則夫	Journal of the Japan Society of Colour Material	73(2), 53-59
2000	テトラオレイン酸ジグリセロールの乳化特性	酒井裕二 竹之内正紀 阿部正彦	Journal of the Japan Society of Colour Material	73(2), 47-52
2000	Thermoresponsive Viscoelasticity of Concentrated Solutions with Fluorinated Hybrid Surfactant	Masahiko ABE Kazuhiko TOBITA Hideki SAKAI Keiji KAMOGAWA Nobuyuki MOMOZAWA Yukishige KONDO Norio YOSHINO	Colloids and SurfacesA: Physicochemical and Engineering Aspects	167(1-2), 47-60
2000	Thermodynamic Study on Surface Adsorption and Micelle Formation of a Hybrid Anionic Surfactant in Water by Surface Tension (Drop Volume ) Measurements	Mihoko HISATOMI Masahiko ABE Norio YOSHINO Sannamu LEE Shigemi NAGADOME Gohsuke SUGIHARA	Langmuir	16(4), 1515-1521
2000	Freeze-Fracture Electron Microscopic and Calorimetric Studies on Microscopic States of Surface-Modified Liposomes with Poly (Ethylene Glycol) Chains	Kaname HASHIZAKI Chika ITOH Hideki SAKAI Shoko YOKOYAMA Hiroyuki TAGUCHI Yoshihiro SAITO Naotake OGAWA Masahiko ABE	Colloids and Surfaces B: Biointerfaces	17(4), 275-282
2000	Preparation and Physicochemical Properties of New Crystalline Complexes Composed of Fatty Acids and Ethylenediamine	Shoko YOKOYAMA Yoshihiro ABE Masahiko ABE	Material Technology	18(2), 48-52