

Keiichi Ikegami

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure and properties of the highly conductive Langmuir-Blodgett films based on ditetradecyldimethylammonium-Au(dmit) ₂ salt. <i>Synthetic Metals</i> , 2015, 207, 54-64.	2.1	5
2	Nonlinear Electrical Properties of Thin Films of a Light-Emitting Perovskite-Type Oxide Pr _{0.002} (Ca _{0.6} Sr _{0.4}) _{0.997} TiO ₃ . <i>Procedia Engineering</i> , 2012, 36, 388-395.	1.2	8
3	Oriented growth of luminescent strontium stannate films using a unilamellar nanosheet seed-layer. <i>Thin Solid Films</i> , 2012, 522, 100-103.	0.8	3
4	Fabrication of Metal-Insulator-Metal Junction with Metallic Conductive Langmuir-Blodgett Films. <i>Physics Procedia</i> , 2011, 14, 134-138.	1.2	6
5	Langmuir and Langmuir-Blodgett Films of Organic Dye-Inorganic Nanosheet Hybrids. <i>Transactions of the Materials Research Society of Japan</i> , 2011, 36, 149-152.	0.2	1
6	Formation of ionic bonds between a fatty-acid Langmuir-Blodgett monolayer and a zinc oxide substrate. <i>Journal of Colloid and Interface Science</i> , 2010, 352, 299-302.	5.0	1
7	Adsorption of Anionic Nanosheets from Their Dilute Colloidal Suspensions onto Gas-Liquid Interfaces with and without a Langmuir Film of Cationic Surfactant. <i>Langmuir</i> , 2010, 26, 2514-2520.	1.6	9
8	Optical dielectric constant inhomogeneity along the growth axis in ZnO-based transparent electrodes deposited on glass substrates. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	14
9	Infrared reflection-absorption spectroscopy applied to a merocyanine dye J-aggregate deposited on transparent electrodes based on zinc oxide. <i>Thin Solid Films</i> , 2009, 518, 462-465.	0.8	6
10	Nanosheet Seed-Layer Assists Oriented Growth of Highly Luminescent Perovskite Films. <i>Chemistry of Materials</i> , 2009, 21, 21-26.	3.2	47
11	Effects of interfacial modification on the performance of an organic transistor based on TCNQ LB films. <i>Thin Solid Films</i> , 2008, 516, 2747-2752.	0.8	8
12	Possible Anomalous Monomer Shifts of Merocyanine Dyes in their Aggregates- an Analytical Study. <i>Transactions of the Materials Research Society of Japan</i> , 2008, 33, 123-126.	0.2	1
13	Field-effect doping phenomenon in an organic semiconductor layer deposited by the Langmuir-Blodgett technique. <i>Current Applied Physics</i> , 2006, 6, 808-812.	1.1	4
14	Dye aggregates formed in Langmuir-Blodgett films of amphiphilic merocyanine dyes. <i>Current Applied Physics</i> , 2006, 6, 813-819.	1.1	9
15	Formation of two-dimensional herringbone aggregates in Langmuir films of amphiphilic merocyanine dye derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 112-118.	2.3	6
16	J-aggregate to J-aggregate relaxations in langmuir films of amphiphilic merocyanine dye derivatives studied by optimum difference spectrum method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 212-216.	2.3	5
17	Field-effect carrier doping in thin semiconductor layers with small density of states. <i>Thin Solid Films</i> , 2006, 499, 338-342.	0.8	0
18	Field-effect transistors using Langmuir-Blodgett films of neutral long-chain TCNQ derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 381-384.	2.3	8

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19	Vibrational modes of merocyanine dyes softened upon J-aggregation of the dyes in their Langmuir-Blodgett films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 143-148.	2.3	7
20	Mixing characterization of perylene and merocyanine Langmuir-Blodgett films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 225-229.	2.3	2
21	Comment on "Kinetics of salt-induced J-aggregation of anionic thiocarbocyanine dye in aqueous solution" [Chem. Phys. Lett. 390 (2004) 240]. <i>Chemical Physics Letters</i> , 2005, 401, 590-591.	1.2	7
22	Simultaneous determination of the thickness and the dispersion of the dielectric constant of a Langmuir-Blodgett film deposited on a CaF ₂ plate. <i>Thin Solid Films</i> , 2005, 483, 312-318.	0.8	4
23	Possible Deviation from the well-known Threshold Behavior of Field-Effect Doping Phenomenon in Extremely Thin Organic Semiconductor Layer. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 2735-2736.	0.8	3
24	Spectroscopic study of J aggregates of amphiphilic merocyanine dyes formed in their pure Langmuir films. <i>Journal of Chemical Physics</i> , 2004, 121, 2337-2347.	1.2	37
25	FT-IR study of Langmuir-Blodgett films of a merocyanine dye: effect of ¹³ C-substitution and influence of J-aggregation. <i>Chemical Physics</i> , 2003, 295, 205-213.	0.9	20
26	Langmuir-Blodgett films of Au(dmit) ₂ : a time-domain optimization. <i>Synthetic Metals</i> , 2003, 133-134, 665-667.	2.1	2
27	A Structural Model for Langmuir-Blodgett Films Based on Charge-Transfer Salts of AlkylTCNQ and Cu. <i>Synthetic Metals</i> , 2003, 135-136, 515-516.	2.1	1
28	The Formation of J-Aggregates of Mixed Merocyanines in Langmuir-Blodgett Films. <i>Synthetic Metals</i> , 2003, 137, 977-978.	2.1	1
29	Ultraviolet-visible and infrared spectroscopic study of Langmuir-Blodgett films of a charge transfer complex based on 2-dodecyl-7,7,8,8-tetracyanoquinodimethane and copper. <i>Journal of Chemical Physics</i> , 2002, 116, 10428-10434.	1.2	5
30	Fatty Acid May Assist Nucleation of J-Aggregates in Mixed Langmuir Films of an Amphiphilic Merocyanine Dye Prepared on a Pure-Water Subphase. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5444-5448.	0.8	6
31	Analytic Model of Flow Orientation in Langmuir-Blodgett Films. <i>Studies in Interface Science</i> , 2002, , 13-103.	0.0	0
32	Time-domain control of conductive LB films based on alkylammonium-metal(dmit) ₂ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 657-661.	2.3	4
33	IR studies on J-aggregates in Langmuir-Blodgett films of mutually mixed merocyanine dyes. <i>Thin Solid Films</i> , 2001, 384, 120-124.	0.8	12
34	Intramolecular charge transfer in merocyanine dye molecules enhanced by formation of J-aggregates. <i>Thin Solid Films</i> , 2001, 393, 193-198.	0.8	18
35	Molecular Orientation of Alkyldicyanoquinonediimine and Alkyldicyanoquinonediimine-Cu Langmuir-Blodgett Films: Rod-Lozenge Model. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 5151-5152.	0.8	1
36	Time-domain Optimization of the Preparation Condition of Conductive Langmuir-Blodgett Films Based on Ditetradecyldimethylammonium-Au(dmit) ₂ Salt. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 295-296.	0.8	3

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37	Structural change of Langmuir and Langmuir-Blodgett films of alkylDCNQI induced by charge-transfer reaction at the air-water interface. Journal of Chemical Physics, 2000, 112, 881-886.	1.2	5
38	Shear-induced optical anisotropy in a Langmuir monolayer: A Brewster angle reflectivity study. Journal of Chemical Physics, 1999, 111, 6982-6990.	1.2	5
39	J-Aggregates in Langmuir-Blodgett Films of a Merocyanine Dye without Metallic Cations: Using FT-IR to Observe Changes in the Electronic Structure of the Molecules upon Aggregation. Journal of Physical Chemistry B, 1999, 103, 11261-11268.	1.2	41
40	Optical characterization of Langmuir-Blodgett films of alkylDCNQI and alkylDCNQI-Cu complexes. Synthetic Metals, 1999, 102, 1615-1616.	2.1	1
41	In-plane orientation of mesoscopic domains in Langmuir and Langmuir-Blodgett films induced by rotating disks. Thin Solid Films, 1998, 327-329, 24-27.	0.8	2
42	Molecular orientation of octaalkoxyphthalocyanine derivatives in Langmuir-Blodgett films. Thin Solid Films, 1998, 327-329, 87-89.	0.8	6
43	Possible low-temperature phase transition of Langmuir-Blodgett films of a charge-transfer complex detected by ESR. Thin Solid Films, 1998, 327-329, 391-394.	0.8	1
44	Preparation of Langmuir-Blodgett Films Containing a Charge-Transfer Complex of Alkylated Dicyanoquinonediimine (DCNQI) and Copper. Japanese Journal of Applied Physics, 1998, 37, L550-L552.	0.8	6
45	Control of the In-Plane Orientation in Dye-Containing Langmuir-Blodgett Films by a New Version of the Rotating-Disk Method. Japanese Journal of Applied Physics, 1997, 36, L883-L885.	0.8	3
46	Monolayer flow and in-plane orientation induced by a rotating disk in Langmuir and Langmuir-Blodgett films of a merocyanine dye. Physical Review E, 1997, 56, 1987-1997.	0.8	18
47	Quasi-one dimensional Hubbard system in Langmuir-Blodgett films of TCNQ complexes. Synthetic Metals, 1997, 86, 2081-2082.	2.1	0
48	ESR Study on Langmuir-Blodgett Films of Azobenzene-Containing Alkylpyridinium-Tetracyanoquinodimethane 1:2 Complexes. Journal of the Physical Society of Japan, 1996, 65, 237-245.	0.7	4
49	Changes in the ESR of the TCNQ columns caused by the photoisomerization of the azobenzene group in the APT LB films. Thin Solid Films, 1996, 284-285, 505-507.	0.8	0
50	The stable radical in Langmuir-Blodgett films of a merocyanine dye. Thin Solid Films, 1996, 284-285, 615-617.	0.8	4
51	Alkali-Metal Doping of Langmuir-Blodgett Films of C_{60} Studied by ESR. Japanese Journal of Applied Physics, 1995, 34, L1227-L1229.	0.8	13
52	ESR study of the LB films containing metallic domains. Synthetic Metals, 1995, 71, 1909-1912.	2.1	16
53	One-dimensional columnar structure in conductive Langmuir-Blodgett films of long-chain pyridinium-(TCNQ) ₂ salts studied by electron spin resonance. Thin Solid Films, 1994, 242, 11-15.	0.8	4
54	Modification of the local structures of dye aggregates in Langmuir-Blodgett films as probed by electron spin resonance. Thin Solid Films, 1994, 242, 96-99.	0.8	5

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55	Conduction-electron spin resonance in Langmuir-Blodgett films of a charge-transfer complex. <i>Physical Review B</i> , 1994, 49, 10806-10809.	1.1	18
56	ESR analysis of columnar structure in conductive LB films of TCNO salts with alkylpyridinium and its derivatives. <i>Synthetic Metals</i> , 1993, 56, 1899-1904.	2.1	3
57	Numerical calculation of flow orientation effects in the Langmuir-Blodgett deposition process. <i>Journal of Applied Physics</i> , 1993, 73, 905-913.	1.1	12
58	Flow Orientation in Langmuir-Blodgett Films of a Charge-Transfer Complex (TMTTF) ₃ (C14TCNQ) ₂ . <i>Japanese Journal of Applied Physics</i> , 1992, 31, 1206-1212.	0.8	20
59	Substituent-dependent self-assembly: Two-dimensional aggregate formation in cyanine dye-adsorbed Langmuir-Blodgett films. <i>Journal of Applied Physics</i> , 1992, 71, 1401-1406.	1.1	24
60	Quasi One-Dimensional Spin System in Langmuir-Blodgett Films of a Charge-Transfer Complex. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 3752-3765.	0.7	16
61	Theory of flow orientation effects in Langmuir-Blodgett films: examination of the local thermal equilibrium approximation. <i>Thin Solid Films</i> , 1992, 210-211, 32-35.	0.8	6
62	Molecular orientation in conductive Langmuir-Blodgett films of a charge-transfer complex. <i>Thin Solid Films</i> , 1992, 210-211, 303-305.	0.8	3
63	Electron spin resonance in Langmuir-Blodgett films of a merocyanine dye and its isotope-substituted analogs. <i>Thin Solid Films</i> , 1992, 210-211, 512-514.	0.8	7
64	Formation of Herringbone Structure with Davydov Splitting in Cyanine Dye-Adsorbed Langmuir-Blodgett Films. <i>Japanese Journal of Applied Physics</i> , 1991, 30, 1836-1840.	0.8	17
65	Kinetics of Metal Ion Liberation by Acid Treatment in Fatty Acid Salt Langmuir-Blodgett Films. <i>Japanese Journal of Applied Physics</i> , 1991, 30, L511-L513.	0.8	3
66	Flow-orientation effect in batch-produced Langmuir-Blodgett films: Observation of the unsteady flow around the stagnation point. <i>Journal of Applied Physics</i> , 1991, 70, 1425-1432.	1.1	6
67	Modification of aggregate formation in arachidic acid-cyanine dye complex Langmuir-Blodgett films by substituent groups. <i>Journal of Applied Physics</i> , 1991, 69, 8291-8297.	1.1	21
68	Electron-spin resonance of stable radicals in Langmuir-Blodgett films of a merocyanine dye: Study of hyperfine coupling using an enriched dye. <i>Physical Review B</i> , 1991, 43, 2531-2540.	1.1	39
69	Random-exchange Heisenberg AF chains in Langmuir-Blodgett films of amphiphilic charge-transfer complexes. <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 90-91, 239-240.	1.0	8
70	Acid Vapor Treatment of Fatty Acid Salt LB Films -- Evidence for Conservation of the Lamellar Structure --. <i>Japanese Journal of Applied Physics</i> , 1990, 29, L1892-L1894.	0.8	7
71	Davydov splitting in arachidic acid-cyanine dye complex Langmuir-Blodgett films. <i>Journal of Applied Physics</i> , 1990, 68, 1968-1974.	1.1	14
72	In-plane anisotropy in batch-produced Langmuir-Blodgett films: Side-by-side and face-to-face arrays. <i>Applied Physics Letters</i> , 1990, 57, 1191-1193.	1.5	7

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73	ESR and ENDOR Studies of Functional LB Films. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 190, 111-132.	0.3	13
74	Anomalous linewidth of electron spin resonance in Langmuir-Blodgett films of the 3:2 complex of tetramethyltetrathiafulvalene and tetradecyltetracyanoquinodimethane. Thin Solid Films, 1989, 179, 177-182.	0.8	6
75	Electron spin resonance study of Langmuir-Blodgett films of the complexes of alkylammonium and metal(dmit) ₂ anion. Thin Solid Films, 1989, 179, 245-250.	0.8	12
76	In-plane anisotropy of interface-adsorbed complex Langmuir-Blodgett films. Thin Solid Films, 1989, 179, 369-374.	0.8	26
77	Vertical dipping method as a means of controlling the in-plane molecular orientation in Langmuir-Blodgett films. Thin Solid Films, 1989, 178, 157-164.	0.8	25
78	Correlation between electron spin resonance and optical anisotropy in Langmuir-Blodgett films of a merocyanine dye. Thin Solid Films, 1989, 178, 555-561.	0.8	10
79	Locally resolved electron spin resonance spectra in Langmuir-Blodgett films of a merocyanine dye. Solid State Communications, 1989, 71, 333-336.	0.9	12
80	Origin of the In-Plane Anisotropy in Langmuir-Blodgett Films. Journal of the Physical Society of Japan, 1989, 58, 222-231.	0.7	110
81	Highly conducting Langmuir-Blodgett films of the TMTTF-CnTCNQ system. Thin Solid Films, 1988, 160, 61-66.	0.8	43
82	Conducting Langmuir-Blodgett films as electrode materials. Thin Solid Films, 1988, 160, 133-137.	0.8	15
83	Electron spin resonance study of Langmuir-Blodgett films of N-docosylpyridinium-di(tetracyanoquinodimethane). Thin Solid Films, 1988, 160, 139-143.	0.8	20
84	Characterization of in-plane and out-of-plane molecular orientation in Langmuir-Blodgett films of merocyanine dyes using electron spin resonance. Thin Solid Films, 1988, 159, 285-291.	0.8	25
85	Langmuir-Blodgett monolayers studied by surface-sensitive X-ray absorption fine structure. Thin Solid Films, 1988, 159, 435-442.	0.8	10
86	Analytical model of flow dichroism in Langmuir-Blodgett films. Solid State Communications, 1988, 65, 1259-1262.	0.9	64
87	Anomalous low-temperature behavior of Langmuir-Blodgett films of (TMTTF) ₃ -(tetradecylTCNQ) ₂ . Synthetic Metals, 1988, 27, 587-592.	2.1	27
88	Possibility of controlling the in-plane anisotropy in Langmuir-Blodgett films. , 1988, , .		0
89	Effect of Secondary Treatments on the Phase Transition of Polydiacetylene LB Films. Japanese Journal of Applied Physics, 1988, 27, 1038-1041.	0.8	4
90	Modification of Diacetylene LB Films by Acid and Basic Vapor Treatments before Polymerization. Japanese Journal of Applied Physics, 1987, 26, L539-L540.	0.8	4

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91	Random-exchange Heisenberg antiferromagnetic chains in Langmuir-Blodgett films of N-docosylpyridinium-bistetraacyanoquinodimethane. <i>Physical Review B</i> , 1987, 35, 3667-3670.	1.1	45
92	Stable Radical Species in Langmuir-Blodgett Films of Merocyanine Dyes Studied by Electron Spin Resonance. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 3319-3332.	0.7	42
93	ESR study on LB films of TMTTF-octadecylTCNQ. <i>Synthetic Metals</i> , 1987, 19, 669-674.	2.1	22
94	Direct observation of in-plane molecular alignment in LB films of a merocyanine dye using ESR spectroscopy. <i>Solid State Communications</i> , 1986, 58, 493-497.	0.9	61
95	Photoelectric Properties of Copper Phthalocyanine Langmuir-Blodgett Film. <i>Japanese Journal of Applied Physics</i> , 1986, 25, 961-965.	0.8	170
96	Effects of Acid Vapor, Basic Vapor and Heat Treatments on the Properties of Langmuir-Blodgett Films of Divalent Metal Salts of Fatty Acids. <i>Japanese Journal of Applied Physics</i> , 1986, 25, L478-L480.	0.8	22
97	LB films of dye-derivatives as a model system for molecular electronics. , 0, , .		0
98	ESR and ENDOR characterization of molecular electronic materials. , 0, , .		0