

Koichiro Shirota

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Sphingomyelin Clusters by Raman Spectroscopy. <i>Biophysical Journal</i> , 2016, 111, 999-1007.	0.5	35
2	A weight averaged approach for predicting amide vibrational bands of a sphingomyelin bilayer. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29113-29123.	2.8	13
3	Photoinduced Intermolecular Electron Transfer in Liquid Solutions. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6696-6703.	2.5	34
4	Two-photon lasing of dye-doped photonic crystal lasers. <i>Applied Physics Letters</i> , 2004, 84, 1632-1634.	3.3	28
5	Optical switching and alignment of antiferroelectric liquid crystals containing an azo group. <i>Liquid Crystals</i> , 2000, 27, 555-558.	2.2	7
6	Optical Switching of Antiferroelectric Liquid Crystal with Azo-Dye Using Photochemically Induced SmC A*-SmC* Phase Transition. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L1035-L1037.	1.5	17
7	Orientational relationship among polyimide alignment layer, liquid crystal monolayer, and bulk pretilt angle. <i>Applied Physics Letters</i> , 1996, 69, 164-166.	3.3	25
8	Surface Orientation of Cyanobiphenyl Liquid Crystal Monolayer and Pretilt Angle under Various Rubbing Strengths. <i>Japanese Journal of Applied Physics</i> , 1996, 35, 2275-2279.	1.5	21
9	Orientation of Liquid Crystal Molecules on Side-Chain Polyimide Alignment Layer Studied by Second-Harmonic Generation Interferometry. <i>Japanese Journal of Applied Physics</i> , 1996, 35, 3971-3974.	1.5	9
10	Modified Crystal Rotation Method for Measuring High Pretilt Angle in Liquid Crystal Cells. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 4905-4906.	1.5	20
11	Surface Orientation of Polyimide Alignment Layer Studied by Optical Second-Harmonic Generation. <i>Japanese Journal of Applied Physics</i> , 1995, 34, L316-L319.	1.5	27
12	Symmetry and orientational structure in hemicyanine monolayer by surface second harmonic generation and absorption spectroscopy. <i>Thin Solid Films</i> , 1992, 210-211, 699-701.	1.8	6
13	Influence of Compression Processes on the Formation of H-Aggregates in Hemicyanine Monolayer on Water Surface. <i>Japanese Journal of Applied Physics</i> , 1991, 30, 362-365.	1.5	11
14	Temperature Dependence of Molecular Orientation and Hyperpolarizability in Hemicyanine LB Films Studied by Second-Harmonic Generation. <i>Japanese Journal of Applied Physics</i> , 1990, 29, 913-917.	1.5	23
15	Molecular Orientation in Mixed Monolayers of Hemicyanine and Fatty Acid at an Air/Water Interface Studied by Second Harmonic Generation. <i>Japanese Journal of Applied Physics</i> , 1990, 29, 750-755.	1.5	35