

Publication List

Original Paper

1. The 100-Å-order depth profile control of polypyrrole-poly(3-methylthiophene) composite thin film by potential-programmed electropolymerization
Tomokazu Iyoda, Hideo Toyoda, Mamoru Fujitsuka, Reiko Nakahara, Hajime Tsuchiya, Kenichi Honda, and Takeo Shimidzu
The Journal of Physical Chemistry, Vol. 95 No. 3, pp. 5215–5220 (1991).
2. Depth profiling of layered structures in conducting polymer thin films prepared by the potential programmed electropolymerization method
Tomokazu Iyoda, Hideo Toyoda, Mamoru Fujitsuka, Reiko Nakahara, Kenichi Honda, Takeo Shimidzu, Shigehisa Tomita, Yayoi Hatano, Fusami Soeda, Akira Ishitani, and Hajime Tsuchiya
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3. Mesoscopic layered structure in conducting polymer thin film fabricated by potential-programmed electropolymerization
Mamoru Fujitsuka, Reiko Nakahara, Tomokazu Iyoda, Takeo Shimidzu, Shigehisa Tomita, Yayoi Hatano, Fusami Soeda, Akira Ishitani, Hajime Tsuchiya, and Akira Ohtani
Synthetic Metals, Vol. 53 No. 1, pp. 1–10 (1992).
4. Optical properties of conjugated polymer superlattices prepared by potential-programmed electropolymerization
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5. Photochemical polymerization of oligothiophenes
Mamoru Fujitsuka, Tadatake Sato, Hiroshi Segawa, and Takeo Shimidzu
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6. Photochemical polymerization of dithienothiophenes
Mamoru Fujitsuka, Tadatake Sato, Akira Watanabe, Osamu Ito, and Takeo Shimidzu
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8. Mass spectrometric investigation of the aggregation and coalescence of fullerenes in C₆₀-modified poly(*N*-vinylcarbazole) by UV-laser ablation
Yu Chen, Zu-En Huang, Rui-Fang Cai, Bo-Cheng Yu, Osamu Ito, Jun Zhang, Wei-Wen Ma, Chao-Fan Zhong, Li Zhao, Yu-Fen Li, Lei Zhu, Mamoru Fujitsuka, and Akira Watanabe
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9. Laser flash photolysis study of photophysical and photochemical properties of a higher fullerene, C₇₆
Mamoru Fujitsuka, Akira Watanabe, Osamu Ito, Kazunori Yamamoto, and Hideyuki Funasaka
The Journal of Physical Chemistry A, Vol. 101 No. 27, pp. 4840–4844 (1997).
10. Synthesis and photophysical properties of 1,3-di(oligothienyl)propane
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Tetrahedron Letters, Vol. 38 No. 34, pp. 6039–6042 (1997).
11. Photoinduced electron transfer from tetraphenyl-substituted 1,2-digermacyclohexa-3,5-dienes and related compounds to C₆₀
Kunio Mochida, Miyuki Akazawa, Mamoru Fujitsuka, Akira Watanabe, and Osamu Ito

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12. Soluble three-dimensional polysilane with organosilicon nanocluster structure
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14. Laser flash photolysis study on photochemical and photophysical properties of C₆₀ fine particle
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15. Competition between triplet energy transfer and electron transfer of photoexcited C₆₀ in the presence of β -carotene by changing solvent polarity
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16. Formation of polysilane film by laser CVD
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17. Photochemical properties of excited triplet state of 6*H*-purine-6-thione investigated by laser flash photolysis
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21. Studies on photochemical processes of xanthene dyes by means of the transient absorption spectra in the visible/near-ir regions
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22. Dual photoluminescence of polythiophene thin films
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23. Photoluminescence quenching in oligothiophene single crystal
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24. Photophysical properties of bis(2,2'-bithiophene-5-yl)benzenes

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Journal of the Chemical Society, Faraday Transaction, Vol. 94 No. 22, pp. 3331–3337 (1998).
 29. Electron-transfer reactions between fullerenes (C₆₀ and C₇₀) and tetrakis(dimethylamino)ethylene in the ground and excited states
Mamoru Fujitsuka, Chuping Luo, and Osamu Ito
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 30. Photochemical bissilylation of C₆₀ with disilane
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 33. Persistent C₆₀ anion-radical formation via photoinduced electron transfer from tetraphenylborate and triphenylbutylborate
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39. Long-lived charge separation with high quantum yield in a ferrocene-porphyrin-fullerene triad
Mamoru Fujitsuka, Osamu Ito, Hiroshi Imahori, Koji Yamada, Hiroko Yamada, and Yoshiteru Sakata
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46. C₆₀ as photosensitizing electron-transfer mediator for ion-pair charge-transfer complexes between borate anions and methyl viologen dication
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47. Novel metal-free bis-silylation: C₆₀-sensitized reaction of disilirane with benzonitrile

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Summary of Publication (Original Paper)

Journal	IF	Number
Adv. Mater.	15.409	2
J. Am. Chem. Soc.	11.444	32
Angew. Chem. Int. Ed.	11.336	8
Nature Commun.	10.742	2
Adv. Funct. Mater	10.439	1
Proc. Natl. Acad. Sci. USA	9.809	3
Nucleic Acids Res.	8.808	1
Chem. Sci.	8.601	1
Chem. Mater.	8.535	2
Chem. Commun.	6.718	12
J. Phys. Chem. Lett	6.687	2
J. Mater. Chem.	6.626	1
Chem. Biol.	6.586	1
Carbon	6.16	1
Org. Lett.	5.72	3
Chem. Eur. J.	5.696	17
J. Phys. Chem. C	4.835	9
J. Phys. Chem. (J. Phys. Chem. A, B & C)	4.835	1
Inorg. Chem.	4.794	2
J. Org. Chem.	4.638	16
Langmuir	4.489	7
Phys. Chem. Chem. Phys.	4.198	14
J. Chem. Soc. Faraday. Trans. (Phys. Chem. Chem. Phys.)	4.198	4
J. Chem. Soc. Dalton Trans. (Dalton T.)	4.097	1
J. Polym. Sci. B	3.803	1
Polymer	3.766	2
J. Chem. Soc. Perkin Trans 2 (Org. Biomol. Chem.)	3.487	3
J. Phys. Chem. B	3.377	42
ChemPhysChem	3.36	4
ChemPlusChem	3.242	2
Mol. Biosyst.	3.183	1
Eur. J. Inorg. Chem.	2.965	1
Photochem. Photobio. Sci.	2.939	3
Tetrahedron	2.817	2
J. Photochem. Photobio. B	2.803	1
J. Phys. Chem. A	2.775	68
Photochem. Photobio	2.684	2
Tetrahedron Lett.	2.391	3
Bioorg. Med. Chem. Lett.	2.331	1
J. Orgmet. Chem.	2.302	4
J. Photochem. Photobio. A	2.291	11
Synth. Met.	2.222	3
Bull. Chem. Soc. Jpn.	2.222	13
J. Appl. Phys.	2.185	1
Supramolecular Chemistry	2.132	1
Mater. Chem. Phys.	2.129	1
Opt. Mater.	2.075	1
Chem. Phys.	2.028	1
Chem. Phys. Lett.	1.991	10
Thin Solid Films	1.867	3
Int. J. Rad. Biol.	1.837	1
Solid State Commun.	1.698	1
Res. Chem. Intermed.	1.54	2
C. R. Chim.	1.483	1
J. Porphyr. Phthalo.	1.364	5
J. Nanosci. Nanotech.	1.339	1
Chem. Lett.	1.3	15
Jpn. J. Appl. Phys.	1.057	1
others		8
total		363