

# Frank Alain NÃ¼esch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7250498/publications.pdf>

Version: 2024-02-01

139  
papers

6,862  
citations

61984

43  
h-index

66911

78  
g-index

142  
all docs

142  
docs citations

142  
times ranked

8594  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Universal Approach for Room-temperature Printing and Coating of 2D Materials. <i>Advanced Materials</i> , 2022, 34, e2103660.	21.0	15
2	Synthesis of polar polynorbornenes with high dielectric relaxation strength as candidate materials for dielectric applications. <i>Materials Advances</i> , 2022, 3, 998-1006.	5.4	3
3	A Universal Approach for Room-temperature Printing and Coating of 2D Materials ( <i>Adv. Mater.</i> 4/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	1
4	Electron Trap Dynamics in Polymer Light-emitting Diodes. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
5	Stress effects on the impedance and ferroelectricity of PVDF- BiFeO <sub>3</sub> -MWCNT films using xanthan gum as dispersant. <i>Materials Chemistry and Physics</i> , 2022, 286, 126175.	4.0	2
6	Scrutinizing thermally stimulated current transients originating from trapped charges in organic semiconductors: A drift-diffusion study. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	3
7	On the Response Speed of Narrowband Organic Optical Upconversion Devices. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	7
8	Enhanced Room-temperature Photoluminescence Quantum Yield in Morphology Controlled J-aggregates. <i>Advanced Science</i> , 2021, 8, 1903080.	11.2	16
9	Shortwave infrared-absorbing squaraine dyes for all-organic optical upconversion devices. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 194-204.	6.1	15
10	Critical role of H-aggregation for high-efficiency photoinduced charge generation in pristine pentamethine cyanine salts. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23886-23895.	2.8	4
11	Routes for Efficiency Enhancement in Fluorescent TADF Exciplex Host OLEDs Gained from an Electro-optical Device Model. <i>Advanced Electronic Materials</i> , 2020, 6, 1900804.	5.1	20
12	Two-dimensional Transition Metal Carbides and Nitrides (MXenes): Synthesis, Properties, and Electrochemical Energy Storage Applications. <i>Energy and Environmental Materials</i> , 2020, 3, 29-55.	12.8	319
13	The Dynamic Emission Zone in Sandwich Polymer Light-emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1906803.	14.9	22
14	Effects of Combining Graphene Nanoplatelet and Phosphorous Flame Retardant as Additives on Mechanical Properties and Flame Retardancy of Epoxy Nanocomposite. <i>Polymers</i> , 2020, 12, 2349.	4.5	25
15	Solution Processing and Self-Organization of PbS Quantum Dots Passivated with Formamidinium Lead Iodide (FAPbI <sub>3</sub> ). <i>ACS Omega</i> , 2020, 5, 15746-15754.	3.5	12
16	Turning Trash into Treasure: Additive Free MXene Sediment Inks for Screen-printed Micro-supercapacitors. <i>Advanced Materials</i> , 2020, 32, e2000716.	21.0	241
17	Towards industrialization of perovskite solar cells using slot die coating. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6124-6135.	5.5	44
18	Nanocellulose-MXene Biomimetic Aerogels with Orientation-tunable Electromagnetic Interference Shielding Performance. <i>Advanced Science</i> , 2020, 7, 2000979.	11.2	303

#	ARTICLE	IF	CITATIONS
19	Inkjet printed mesoscopic perovskite solar cells with custom design capability. <i>Materials Advances</i> , 2020, 1, 153-160.	5.4	40
20	All-in-One Deposition to Synergistically Manipulate Perovskite Growth for High-Performance Solar Cell. <i>Research</i> , 2020, 2020, 2763409.	5.7	30
21	Near-infrared absorbing cyanine dyes for all-organic optical upconversion devices. <i>Organic Electronics</i> , 2019, 74, 96-102.	2.6	8
22	Synthesis of solvent-free processable and on-demand cross-linkable dielectric elastomers for actuators. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12139-12150.	5.5	19
23	Physical vapour deposition of cyanine salts and their first application in organic electronic devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 414-423.	5.5	4
24	Solution-Processed Organic Optical Upconversion Device. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 23428-23435.	8.0	17
25	Gravure printed Ag/conductive polymer electrodes and simulation of their electrical properties. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 3901-3912.	3.0	4
26	Excitonic channels from bio-inspired templated supramolecular assembly of J-aggregate nanowires. <i>Nanoscale</i> , 2019, 11, 6929-6938.	5.6	6
27	Electrical energy generated by silicone elastomers filled with nanospring-carbon-nanotubes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3535-3542.	5.5	13
28	Exploiting supramolecular assemblies for filterless ultra-narrowband organic photodetectors with inkjet fabrication capability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14639-14650.	5.5	24
29	Exciton Dynamics and Effects of Structural Order in Morphologyâ€Controlled Jâ€Aggregate Assemblies. <i>Advanced Functional Materials</i> , 2019, 29, 1806997.	14.9	15
30	Optimized Electrolyte Loading and Active Film Thickness for Sandwich Polymer Lightâ€Emitting Electrochemical Cells. <i>Advanced Optical Materials</i> , 2019, 7, 1801278.	7.3	32
31	One-Dimensional Organicâ€Inorganic Hybrid Perovskite Incorporating Near-Infrared-Absorbing Cyanine Cations. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2438-2442.	4.6	22
32	Organic Salt Semiconductor with High Photoconductivity and Long Carrier Lifetime. <i>Advanced Functional Materials</i> , 2018, 28, 1705724.	14.9	17
33	Dielectric elastomer actuators with increased dielectric permittivity and low leakage current capable of suppressing electromechanical instability. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2043-2053.	5.5	63
34	Time-Dependent pâ€n Structure and Emission Zone in Sandwich-Type Light-Emitting Electrochemical Cells. <i>ACS Photonics</i> , 2018, 5, 1591-1598.	6.6	23
35	Squaraine Dye for a Visibly Transparent All-Organic Optical Upconversion Device with Sensitivity at 1000 nm. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 11063-11069.	8.0	47
36	Increasing Photovoltaic Performance of an Organic Cationic Chromophore by Anion Exchange. <i>Advanced Science</i> , 2018, 5, 1700496.	11.2	13

#	ARTICLE	IF	CITATIONS
37	Cyanine platelet single crystals: growth, crystal structure and optical spectra. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29166-29173.	2.8	5
38	Superweak Coordinating Anion as Superstrong Enhancer of Cyanine Organic Semiconductor Properties. <i>ChemPhysChem</i> , 2018, 19, 3356-3363.	2.1	7
39	Insights into photovoltaic properties of ternary organic solar cells from phase diagrams. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 669-682.	6.1	13
40	Dynamics of Charge Distribution in Sandwich-Type Light-Emitting Electrochemical Cells Probed by the Stark Effect. <i>ACS Photonics</i> , 2018, 5, 3124-3131.	6.6	8
41	Organic salt semiconductors with surprising optical and electronic properties. , 2018, , .		0
42	Ternary semitransparent organic solar cells with a laminated top electrode. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 68-75.	6.1	19
43	Hydrogen reduction of molybdenum oxide at room temperature. <i>Scientific Reports</i> , 2017, 7, 40761.	3.3	147
44	Charge generation by ultra-stretchable elastomeric electrets. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1826-1835.	5.5	14
45	Light Scattering Enhancement at the Absorption Edge in Dewetting Droplets of Cyanine Dyes. <i>Advanced Optical Materials</i> , 2017, 5, 1600903.	7.3	0
46	Strongly Red-Shifted Photoluminescence Band Induced by Molecular Twisting in Cyanine (Cy3) Dye Films. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9587-9593.	3.1	19
47	Visible light-emitting host-guest electrochemical cells using cyanine dyes. <i>Organic Electronics</i> , 2017, 48, 77-84.	2.6	27
48	Unexpected Equilibrium Ionic Distribution in Cyanine/C<sub>60</sub> Heterojunctions. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600891.	3.7	2
49	Magnetic field effects in Alq3-based OLEDs investigated by electrical impedance spectroscopy. <i>Organic Electronics</i> , 2017, 50, 347-358.	2.6	5
50	An All-Organic Elastomeric Electret Composite. <i>Advanced Materials</i> , 2017, 29, 1603813.	21.0	29
51	Mild synthesis of mercaptonitriles from vinyl nitriles and their cyclization reactions. <i>RSC Advances</i> , 2016, 6, 98059-98065.	3.6	3
52	Hydrophobization of silver nanoparticles through surface-initiated atom transfer radical polymerization. <i>RSC Advances</i> , 2016, 6, 44254-44260.	3.6	8
53	Elastomers with tunable dielectric and electromechanical properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10545-10553.	5.5	49
54	Nb2O5 hole blocking layer for hysteresis-free perovskite solar cells. <i>Materials Letters</i> , 2016, 181, 103-107.	2.6	48

#	ARTICLE	IF	CITATIONS
55	Doping Evolution and Junction Formation in Stacked Cyanine Dye Light-Emitting Electrochemical Cells. ACS Applied Materials & Interfaces, 2016, 8, 6554-6562.	8.0	30
56	Cyanine tandem and triple-junction solar cells. Organic Electronics, 2016, 30, 191-199.	2.6	15
57	Ultrafast charge transfer in solid-state films of pristine cyanine borate and blends with fullerene. Journal of Materials Chemistry A, 2015, 3, 10935-10941.	10.3	10
58	Influence of chemically p-type doped active organic semiconductor on the film thickness versus performance trend in cyanine/C <sub>60</sub> bilayer solar cells. Science and Technology of Advanced Materials, 2015, 16, 035003.	6.1	10
59	Highly stretchable dielectric elastomer composites containing high volume fractions of silver nanoparticles. Journal of Materials Chemistry A, 2015, 3, 14675-14685.	10.3	79
60	Fine-tuning of the dielectric properties of polysiloxanes by chemical modification. RSC Advances, 2015, 5, 50054-50062.	3.6	39
61	Dissociation of Charge Transfer States and Carrier Separation in Bilayer Organic Solar Cells: A Time-Resolved Electroabsorption Spectroscopy Study. Journal of the American Chemical Society, 2015, 137, 8192-8198.	13.7	86
62	Transparent Organic Photodetector using a Near-Infrared Absorbing Cyanine Dye. Scientific Reports, 2015, 5, 9439.	3.3	109
63	Self-Repairable, High Permittivity Dielectric Elastomers with Large Actuation Strains at Low Electric Fields. Advanced Functional Materials, 2015, 25, 2467-2475.	14.9	146
64	Thiolate/Disulfide Based Electrolytes for p-type and Tandem Dye-Sensitized Solar Cells. Electrochimica Acta, 2015, 182, 458-463.	5.2	33
65	Weathering of a carbon nanotube/epoxy nanocomposite under UV light and in water bath: impact on abraded particles. Nanoscale, 2015, 7, 18524-18536.	5.6	32
66	Carbon Nanotubes Released from an Epoxy-Based Nanocomposite: Quantification and Particle Toxicity. Environmental Science & Technology, 2015, 49, 10616-10623.	10.0	70
67	Photochemical Transformations in Fullerene and Molybdenum Oxide Affect the Stability of Bilayer Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1400734.	19.5	55
68	Resonance Light Scattering in Dye-Aggregates Forming in Dewetting Droplets. ACS Nano, 2014, 8, 10057-10065.	14.6	16
69	NIR-Absorbing Heptamethine Dyes with Tailor-Made Counterions for Application in Light to Energy Conversion. Organic Letters, 2014, 16, 1044-1047.	4.6	59
70	Influence of Molybdenum Oxide Interface Solvent Sensitivity on Charge Trapping in Bilayer Cyanine Solar Cells. Journal of Physical Chemistry C, 2014, 118, 17036-17045.	3.1	19
71	Diyne-Functionalized Fullerene Self-Assembly for Thin Film Solid-State Polymerization. Macromolecules, 2014, 47, 721-728.	4.8	28
72	Synthesis of poly(ethylene-co-butylene)-block-poly(ethylene oxide) surfactant and its use in the synthesis of polyhydroxyethyl methacrylate nanoparticles containing azo-dye. RSC Advances, 2014, 4, 35027-35034.	3.6	8

#	ARTICLE	IF	CITATIONS
73	Continuous Production of Tailored Silver Nanoparticles by Polyol Synthesis and Reaction Yield Measured by X-ray Absorption Spectroscopy: Toward a Growth Mechanism. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11093-11103.	3.1	19
74	Cyanine dye polyelectrolytes for organic bilayer solar cells. <i>Polymer</i> , 2014, 55, 3195-3201.	3.8	7
75	Release of Carbon Nanotubes from Polymer Nanocomposites. <i>Fibers</i> , 2014, 2, 108-127.	4.0	74
76	Spatially resolved photocurrent mapping of efficient organic solar cells fabricated on a woven mesh electrode. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 652-657.	8.1	6
77	The optimisation of the laser-induced forward transfer process for fabrication of polyfluorene-based organic light-emitting diode pixels. <i>Applied Surface Science</i> , 2013, 278, 341-346.	6.1	11
78	Semitransparent organic photovoltaics using a near-infrared absorbing cyanine dye. <i>Solar Energy Materials and Solar Cells</i> , 2013, 118, 157-164.	6.2	45
79	Stability of bilayer trimethine cyanine dye/fullerene organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 117, 585-591.	6.2	20
80	Dielectric properties of silver nanoparticles coated with silica shells of different thicknesses. <i>RSC Advances</i> , 2013, 3, 6964.	3.6	34
81	Influence of crystalline titanium oxide layer smoothness on the performance of inverted organic bilayer solar cells. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	22
82	Interface Dipoles for Tuning Energy Level Alignment in Organic Thin Film Devices. <i>Chimia</i> , 2013, 67, 796.	0.6	7
83	Self-healing electrodes for dielectric elastomer actuators. <i>Journal of Materials Chemistry</i> , 2012, 22, 20736.	6.7	52
84	Release of Carbon Nanotubes from an Epoxy-Based Nanocomposite during an Abrasion Process. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7366-7372.	10.0	110
85	A simple model for flyer velocity from laser-induced forward transfer with a dynamic release layer. <i>Applied Surface Science</i> , 2012, 258, 9309-9313.	6.1	17
86	Sequential Printing by Laser-Induced Forward Transfer To Fabricate a Polymer Light-Emitting Diode Pixel. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3535-3541.	8.0	27
87	Oligothiophene dendron-decorated squaraine dyes: Synthesis, thin film formation, and performance in organic solar cells. <i>Organic Electronics</i> , 2012, 13, 1204-1212.	2.6	16
88	Laser-Induced Forward Transfer of Polymer Light-Emitting Diode Pixels with Increased Charge Injection. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 309-316.	8.0	42
89	Synthesis, thin-film morphology, and comparative study of bulk and bilayer heterojunction organic photovoltaic devices using soluble diketopyrrolopyrrole molecules. <i>Energy and Environmental Science</i> , 2011, 4, 3617.	30.8	37
90	Template synthesis of cyanine dye H-aggregates on nanostructured [6,6]-phenyl C61-butyric acid methyl ester substrates. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15714.	2.8	5

#	ARTICLE	IF	CITATIONS
91	Improved laser-induced forward transfer of organic semiconductor thin films by reducing the environmental pressure and controlling the substrateâ€“substrate gap width. Applied Physics A: Materials Science and Processing, 2011, 105, 713-722.	2.3	31
92	Strategies to improve cyanine dye multi layer organic solar cells. Progress in Photovoltaics: Research and Applications, 2011, 19, 851-857.	8.1	36
93	New Silicone Composites for Dielectric Elastomer Actuator Applications In Competition with Acrylic Foil. Advanced Functional Materials, 2011, 21, 3531-3539.	14.9	160
94	Woven Electrodes for Flexible Organic Photovoltaic Cells. Advanced Materials, 2011, 23, 1015-1019.	21.0	78
95	Flexible Mesh Electrodes: Woven Electrodes for Flexible Organic Photovoltaic Cells (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Qverlock	21.0	10
96	Unsymmetrical squaraine dimer with an extended Î€-electron framework: An approach in harvesting near infra-red photons for energy conversion. Dyes and Pigments, 2010, 87, 30-38.	3.7	43
97	Origin of the Kink in Current-Density Versus Voltage Curves and Efficiency Enhancement of Polymer-C \$_{f 60}\$ Heterojunction Solar Cells. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1690-1699.	2.9	57
98	High Breakdown Field Dielectric Elastomer Actuators Using Encapsulated Polyaniline as High Dielectric Constant Filler. Advanced Functional Materials, 2010, 20, 3280-3291.	14.9	256
99	High performing doped cyanine bilayer solar cell. Organic Electronics, 2010, 11, 583-588.	2.6	41
100	Phosphorescent energy relay dye for improved light harvesting response in liquid dye-sensitized solar cells. Energy and Environmental Science, 2010, 3, 434.	30.8	44
101	Fast Assembly of Cyanine Dyes into Aggregates onto [6,6]-Phenyl C<sub>61</sub>-Butyric Acid Methyl Ester Surfaces from Organic Solvents. Langmuir, 2010, 26, 3955-3961.	3.5	12
102	Improved performance of cyanine solar cells with polyaniline anodes. Journal of Materials Chemistry, 2010, 20, 2952.	6.7	44
103	Laser-Induced Forward Transfer of Organic LED Building Blocks Studied by Time-Resolved Shadowgraphy. Journal of Physical Chemistry C, 2010, 114, 5617-5636.	3.1	59
104	PbS and CdS Quantum Dotâ€“Sensitized Solidâ€“State Solar Cells: â€œOld Concepts, New Resultsâ€“ Advanced Functional Materials, 2009, 19, 2735-2742.	14.9	458
105	Molecular Design of Unsymmetrical Squaraine Dyes for High Efficiency Conversion of Low Energy Photons into Electrons Using TiO<sub>2</sub> Nanocrystalline Films. Advanced Functional Materials, 2009, 19, 2720-2727.	14.9	197
106	Panchromatic Response in Solidâ€“State Dyeâ€“Sensitized Solar Cells Containing Phosphorescent Energy Relay Dyes. Angewandte Chemie - International Edition, 2009, 48, 9277-9280.	13.8	94
107	Small-molecule vacuum processed melamine-C60, organic field-effect transistors. Organic Electronics, 2009, 10, 408-415.	2.6	25
108	Shadowgraphy investigation of laser-induced forward transfer: Front side and back side ablation of the triazene polymer sacrificial layer. Applied Surface Science, 2009, 255, 5430-5434.	6.1	46

#	ARTICLE	IF	CITATIONS
109	Photoinduced hole-transfer in semiconducting polymer/low-bandgap cyanine dye blends: evidence for unit charge separation quantum yield. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8886.	2.8	23
110	Energy Balance in a Laser-Induced Forward Transfer Process Studied by Shadowgraphy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11628-11633.	3.1	25
111	Aryltriazene photopolymer thin films as sacrificial release layers for laser-assisted forward transfer systems: study of photoablative decomposition and transfer behavior. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 781-789.	2.3	36
112	Low-Band Gap Polymeric Cyanine Dyes Absorbing in the NIR Region. <i>Macromolecular Rapid Communications</i> , 2008, 29, 651-658.	3.9	39
113	Enhanced cyanine solar cell performance upon oxygen doping. <i>Organic Electronics</i> , 2008, 9, 85-94.	2.6	39
114	Synthesis, Characterization, and Dielectric Properties of Phthalocyanines with Ester and Carboxylic Acid Functionalities. <i>Chemistry of Materials</i> , 2008, 20, 6889-6896.	6.7	55
115	Nanoscale Structuring of Semiconducting Molecular Blend Films in the Presence of Mobile Counterions. <i>Langmuir</i> , 2008, 24, 7316-7322.	3.5	30
116	Ionic Space Charge Driven Organic Photovoltaic Devices. <i>Chimia</i> , 2007, 61, 787-791.	0.6	27
117	Co-sensitization of Organic Dyes for Efficient Ionic Liquid Electrolyte-Based Dye-Sensitized Solar Cells. <i>Langmuir</i> , 2007, 23, 10906-10909.	3.5	196
118	Efficient Far Red Sensitization of Nanocrystalline TiO <sub>2</sub> Films by an Unsymmetrical Squaraine Dye. <i>Journal of the American Chemical Society</i> , 2007, 129, 10320-10321.	13.7	497
119	Aryltriazene Photopolymers for UV-Laser Applications: Improved Synthesis and Photodecomposition Study. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 277-286.	2.2	68
120	Laser ablation of aryltriazene photopolymer films: Effects of polymer structure on ablation properties. <i>Applied Surface Science</i> , 2007, 254, 1332-1337.	6.1	20
121	Laser forward transfer using a sacrificial layer: Influence of the material properties. <i>Applied Surface Science</i> , 2007, 254, 1322-1326.	6.1	61
122	Influence of doping on spin-dependent exciton formation in Alq3 based OLEDs. <i>Organic Electronics</i> , 2007, 8, 249-255.	2.6	10
123	Nanostructured Organic Layers via Polymer Demixing for Interface-Enhanced Photovoltaic Cells. <i>Chemistry of Materials</i> , 2006, 18, 5504-5509.	6.7	53
124	On the use of cyanine dyes as low-bandgap materials in bulk heterojunction photovoltaic devices. <i>Synthetic Metals</i> , 2006, 156, 973-978.	3.9	37
125	Ultrathin organic transistors on oxide surfaces. <i>New Journal of Physics</i> , 2005, 7, 133-133.	2.9	33
126	Interface modification to optimize charge separation in cyanine heterojunction photovoltaic devices. <i>Solar Energy Materials and Solar Cells</i> , 2005, 87, 817-824.	6.2	15

#	ARTICLE	IF	CITATIONS
127	Doping-Induced Charge Trapping in Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2005, 15, 323-330.	14.9	78
128	Spin dependent transport and recombination in organic lightemitting diodes. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3661-3664.	0.8	3
129	Synthesis of novel cyanineâ€“fullerene dyads for photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 979-986.	6.7	34
130	Benzoic and Aliphatic Carboxylic Acid Monomolecular Layers on Oxidized GaAs Surface as a Tool for Two-Dimensional Photonic Crystal Infiltration. <i>Langmuir</i> , 2004, 20, 11428-11432.	3.5	13
131	Nucleation and growth of ultrathin pentacene films on silicon dioxide: effect of deposition rate and substrate temperature. <i>Synthetic Metals</i> , 2004, 146, 387-391.	3.9	72
132	Orienting Tetracene and Pentacene Thin Films onto Friction-Transferred Poly(tetrafluoroethylene) Substrate. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10531-10539.	2.6	83
133	Cyanine dye acting both as donor and acceptor in heterojunction photovoltaic devices. <i>Applied Physics Letters</i> , 2003, 82, 3788-3790.	3.3	56
134	Photocurrent generation at a fullerene self-assembled monolayer-modified gold electrode cast with a polyurethane membrane. <i>Journal of Materials Chemistry</i> , 2000, 10, 2231-2233.	6.7	53
135	Synthesis and grafting properties of functionalized oligo(para-phenylene)s. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 625-632.	2.2	19
136	Derivatized electrodes in the construction of organic light emitting diodes. <i>Advanced Materials</i> , 1997, 9, 222-225.	21.0	84
137	Electroluminescence from carbazole dimers. <i>Advanced Materials</i> , 1997, 9, 1158-1161.	21.0	73
138	H-aggregation and correlated absorption and emission of a merocyanine dye in solution, at the surface and in the solid state. A link between crystal structure and photophysical properties. <i>Chemical Physics</i> , 1995, 193, 1-17.	1.9	92
139	All-Solution-Processed Organic Upconversion Device Comprising a Light-Emitting Electrochemical Cell. , 0, , .		0