

Frank Alain NÃ¼esch

List of Publications by Year in descending order

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docs citations

142
times ranked

8594
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Far Red Sensitization of Nanocrystalline TiO ₂ Films by an Unsymmetrical Squaraine Dye. <i>Journal of the American Chemical Society</i> , 2007, 129, 10320-10321.	13.7	497
2	PbS and CdS Quantum Dot-Sensitized Solid-State Solar Cells: "Old Concepts, New Results" <i>Advanced Functional Materials</i> , 2009, 19, 2735-2742.	14.9	458
3	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
4	Nanocellulose-MXene Biomimetic Aerogels with Orientation-Tunable Electromagnetic Interference Shielding Performance. <i>Advanced Science</i> , 2020, 7, 2000979.	11.2	303
5	High Breakdown Field Dielectric Elastomer Actuators Using Encapsulated Polyaniline as High Dielectric Constant Filler. <i>Advanced Functional Materials</i> , 2010, 20, 3280-3291.	14.9	256
6	Turning Trash into Treasure: Additive Free MXene Sediment Inks for Screen-Printed Micro-Supercapacitors. <i>Advanced Materials</i> , 2020, 32, e2000716.	21.0	241
7	Molecular Design of Unsymmetrical Squaraine Dyes for High Efficiency Conversion of Low Energy Photons into Electrons Using TiO ₂ Nanocrystalline Films. <i>Advanced Functional Materials</i> , 2009, 19, 2720-2727.	14.9	197
8	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
9	New Silicone Composites for Dielectric Elastomer Actuator Applications In Competition with Acrylic Foil. <i>Advanced Functional Materials</i> , 2011, 21, 3531-3539.	14.9	160
10	Hydrogen reduction of molybdenum oxide at room temperature. <i>Scientific Reports</i> , 2017, 7, 40761.	3.3	147
11	Self-Repairable, High Permittivity Dielectric Elastomers with Large Actuation Strains at Low Electric Fields. <i>Advanced Functional Materials</i> , 2015, 25, 2467-2475.	14.9	146
12	Release of Carbon Nanotubes from an Epoxy-Based Nanocomposite during an Abrasion Process. <i>Environmental Science & Technology</i> , 2012, 46, 7366-7372.	10.0	110
13	Transparent Organic Photodetector using a Near-Infrared Absorbing Cyanine Dye. <i>Scientific Reports</i> , 2015, 5, 9439.	3.3	109
14	Panchromatic Response in Solid-State Dye-Sensitized Solar Cells Containing Phosphorescent Energy Relay Dyes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9277-9280.	13.8	94
15	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
16	Dissociation of Charge Transfer States and Carrier Separation in Bilayer Organic Solar Cells: A Time-Resolved Electroabsorption Spectroscopy Study. <i>Journal of the American Chemical Society</i> , 2015, 137, 8192-8198.	13.7	86
17	Derivatized electrodes in the construction of organic light emitting diodes. <i>Advanced Materials</i> , 1997, 9, 222-225.	21.0	84
18	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

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19	Highly stretchable dielectric elastomer composites containing high volume fractions of silver nanoparticles. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14675-14685.	10.3	79
20	Doping-Induced Charge Trapping in Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2005, 15, 323-330.	14.9	78
21	Woven Electrodes for Flexible Organic Photovoltaic Cells. <i>Advanced Materials</i> , 2011, 23, 1015-1019.	21.0	78
22	Release of Carbon Nanotubes from Polymer Nanocomposites. <i>Fibers</i> , 2014, 2, 108-127.	4.0	74
23	Electroluminescence from carbazole dimers. <i>Advanced Materials</i> , 1997, 9, 1158-1161.	21.0	73
24	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
25	Carbon Nanotubes Released from an Epoxy-Based Nanocomposite: Quantification and Particle Toxicity. <i>Environmental Science & Technology</i> , 2015, 49, 10616-10623.	10.0	70
26	Aryltriazene Photopolymers for UV-Laser Applications: Improved Synthesis and Photodecomposition Study. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 277-286.	2.2	68
27	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
28	Laser forward transfer using a sacrificial layer: Influence of the material properties. <i>Applied Surface Science</i> , 2007, 254, 1322-1326.	6.1	61
29	Laser-Induced Forward Transfer of Organic LED Building Blocks Studied by Time-Resolved Shadowgraphy. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5617-5636.	3.1	59
30	NIR-Absorbing Heptamethine Dyes with Tailor-Made Counterions for Application in Light to Energy Conversion. <i>Organic Letters</i> , 2014, 16, 1044-1047.	4.6	59
31	Origin of the Kink in Current-Density Versus Voltage Curves and Efficiency Enhancement of Polymer-C H_2O Heterojunction Solar Cells. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 1690-1699.	2.9	57
32	Cyanine dye acting both as donor and acceptor in heterojunction photovoltaic devices. <i>Applied Physics Letters</i> , 2003, 82, 3788-3790.	3.3	56
33	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
34	Photochemical Transformations in Fullerene and Molybdenum Oxide Affect the Stability of Bilayer Organic Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1400734.	19.5	55
35	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
36	Nanostructured Organic Layers via Polymer Demixing for Interface-Enhanced Photovoltaic Cells. <i>Chemistry of Materials</i> , 2006, 18, 5504-5509.	6.7	53

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37	Self-healing electrodes for dielectric elastomer actuators. <i>Journal of Materials Chemistry</i> , 2012, 22, 20736.	6.7	52
38	Elastomers with tunable dielectric and electromechanical properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10545-10553.	5.5	49
39	Nb2O5 hole blocking layer for hysteresis-free perovskite solar cells. <i>Materials Letters</i> , 2016, 181, 103-107.	2.6	48
40	Squaraine Dye for a Visibly Transparent All-Organic Optical Upconversion Device with Sensitivity at 1000 nm. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11063-11069.	8.0	47
41	Shadowgraphy investigation of laser-induced forward transfer: Front side and back side ablation of the triazene polymer sacrificial layer. <i>Applied Surface Science</i> , 2009, 255, 5430-5434.	6.1	46
42	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
43	Phosphorescent energy relay dye for improved light harvesting response in liquid dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2010, 3, 434.	30.8	44
44	Improved performance of cyanine solar cells with polyaniline anodes. <i>Journal of Materials Chemistry</i> , 2010, 20, 2952.	6.7	44
45	Towards industrialization of perovskite solar cells using slot die coating. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6124-6135.	5.5	44
46	Unsymmetrical squaraine dimer with an extended π -electron framework: An approach in harvesting near infra-red photons for energy conversion. <i>Dyes and Pigments</i> , 2010, 87, 30-38.	3.7	43
47	Laser-Induced Forward Transfer of Polymer Light-Emitting Diode Pixels with Increased Charge Injection. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 309-316.	8.0	42
48	High performing doped cyanine bilayer solar cell. <i>Organic Electronics</i> , 2010, 11, 583-588.	2.6	41
49	Inkjet printed mesoscopic perovskite solar cells with custom design capability. <i>Materials Advances</i> , 2020, 1, 153-160.	5.4	40
50	Low-Band Gap Polymeric Cyanine Dyes Absorbing in the NIR Region. <i>Macromolecular Rapid Communications</i> , 2008, 29, 651-658.	3.9	39
51	Enhanced cyanine solar cell performance upon oxygen doping. <i>Organic Electronics</i> , 2008, 9, 85-94.	2.6	39
52	Fine-tuning of the dielectric properties of polysiloxanes by chemical modification. <i>RSC Advances</i> , 2015, 5, 50054-50062.	3.6	39
53	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
54	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

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55	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
56	Strategies to improve cyanine dye multi layer organic solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2011, 19, 851-857.	8.1	36
57	Synthesis of novel cyanineâ€“fullerene dyads for photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 979-986.	6.7	34
58	Dielectric properties of silver nanoparticles coated with silica shells of different thicknesses. <i>RSC Advances</i> , 2013, 3, 6964.	3.6	34
59	Ultrathin organic transistors on oxide surfaces. <i>New Journal of Physics</i> , 2005, 7, 133-133.	2.9	33
60	Thiolate/Disulfide Based Electrolytes for p-type and Tandem Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , 2015, 182, 458-463.	5.2	33
61	Weathering of a carbon nanotube/epoxy nanocomposite under UV light and in water bath: impact on abraded particles. <i>Nanoscale</i> , 2015, 7, 18524-18536.	5.6	32
62	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
63	Improved laser-induced forward transfer of organic semiconductor thin films by reducing the environmental pressure and controlling the substrateâ€“substrate gap width. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 713-722.	2.3	31
64	Nanoscale Structuring of Semiconducting Molecular Blend Films in the Presence of Mobile Counterions. <i>Langmuir</i> , 2008, 24, 7316-7322.	3.5	30
65	Doping Evolution and Junction Formation in Stacked Cyanine Dye Light-Emitting Electrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6554-6562.	8.0	30
66	All-in-One Deposition to Synergistically Manipulate Perovskite Growth for High-Performance Solar Cell. <i>Research</i> , 2020, 2020, 2763409.	5.7	30
67	An Allâ€“Organic Elastomeric Electret Composite. <i>Advanced Materials</i> , 2017, 29, 1603813.	21.0	29
68	Diyne-Functionalized Fullerene Self-Assembly for Thin Film Solid-State Polymerization. <i>Macromolecules</i> , 2014, 47, 721-728.	4.8	28
69	Ionic Space Charge Driven Organic Photovoltaic Devices. <i>Chimia</i> , 2007, 61, 787-791.	0.6	27
70	Sequential Printing by Laser-Induced Forward Transfer To Fabricate a Polymer Light-Emitting Diode Pixel. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3535-3541.	8.0	27
71	Visible light-emitting host-guest electrochemical cells using cyanine dyes. <i>Organic Electronics</i> , 2017, 48, 77-84.	2.6	27
72	Small-molecule vacuum processed melamine-C60, organic field-effect transistors. <i>Organic Electronics</i> , 2009, 10, 408-415.	2.6	25

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73	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
74	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
75	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
76	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
77	Time-Dependent p <i>h</i> Structure and Emission Zone in Sandwich-Type Light-Emitting Electrochemical Cells. <i>ACS Photonics</i> , 2018, 5, 1591-1598.	6.6	23
78	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
79	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
80	The Dynamic Emission Zone in Sandwich Polymer Lightâ€“Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1906803.	14.9	22
81	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
82	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
83	Routes for Efficiency Enhancement in Fluorescent TADF Exciplex Host OLEDs Gained from an Electroâ€“Optical Device Model. <i>Advanced Electronic Materials</i> , 2020, 6, 1900804.	5.1	20
84	Synthesis and grafting properties of functionalized oligo(para-phenylene)s. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 625-632.	2.2	19
85	Influence of Molybdenum Oxide Interface Solvent Sensitivity on Charge Trapping in Bilayer Cyanine Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17036-17045.	3.1	19
86	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
87	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
88	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
89	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
90	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

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91	Organic Salt Semiconductor with High Photoconductivity and Long Carrier Lifetime. <i>Advanced Functional Materials</i> , 2018, 28, 1705724.	14.9	17
92	Solution-Processed Organic Optical Upconversion Device. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23428-23435.	8.0	17
93	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
94	Resonance Light Scattering in Dye-Aggregates Forming in Dewetting Droplets. <i>ACS Nano</i> , 2014, 8, 10057-10065.	14.6	16
95	Enhanced Room-temperature Photoluminescence Quantum Yield in Morphology Controlled J-aggregates. <i>Advanced Science</i> , 2021, 8, 1903080.	11.2	16
96	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
97	Cyanine tandem and triple-junction solar cells. <i>Organic Electronics</i> , 2016, 30, 191-199.	2.6	15
98	Exciton Dynamics and Effects of Structural Order in Morphology-controlled J-aggregate Assemblies. <i>Advanced Functional Materials</i> , 2019, 29, 1806997.	14.9	15
99	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
100	A Universal Approach for Room-temperature Printing and Coating of 2D Materials. <i>Advanced Materials</i> , 2022, 34, e2103660.	21.0	15
101	Charge generation by ultra-stretchable elastomeric electrets. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1826-1835.	5.5	14
102	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
103	Increasing Photovoltaic Performance of an Organic Cationic Chromophore by Anion Exchange. <i>Advanced Science</i> , 2018, 5, 1700496.	11.2	13
104	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
105	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
106	Fast Assembly of Cyanine Dyes into Aggregates onto [6,6]-Phenyl C ₆₁ -Butyric Acid Methyl Ester Surfaces from Organic Solvents. <i>Langmuir</i> , 2010, 26, 3955-3961.	3.5	12
107	Solution Processing and Self-Organization of PbS Quantum Dots Passivated with Formamidinium Lead Iodide (FAPbI ₃). <i>ACS Omega</i> , 2020, 5, 15746-15754.	3.5	12
108	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

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109	Influence of doping on spin-dependent exciton formation in Alq3 based OLEDs. <i>Organic Electronics</i> , 2007, 8, 249-255.	2.6	10
110	Ultrafast charge transfer in solid-state films of pristine cyanine borate and blends with fullerene. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10935-10941.	10.3	10
111	Influence of chemically p-type doped active organic semiconductor on the film thickness versus performance trend in cyanine/C ₆₀ bilayer solar cells. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 035003.	6.1	10
112	Electron Trap Dynamics in Polymer Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
113	Synthesis of poly(ethylene-co-butylene)-block-poly(ethylene oxide) surfactant and its use in the synthesis of polyhydroxyethyl methacrylate nanoparticles containing azo-dye. <i>RSC Advances</i> , 2014, 4, 35027-35034.	3.6	8
114	Hydrophobization of silver nanoparticles through surface-initiated atom transfer radical polymerization. <i>RSC Advances</i> , 2016, 6, 44254-44260.	3.6	8
115	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
116	Near-infrared absorbing cyanine dyes for all-organic optical upconversion devices. <i>Organic Electronics</i> , 2019, 74, 96-102.	2.6	8
117	Interface Dipoles for Tuning Energy Level Alignment in Organic Thin Film Devices. <i>Chimia</i> , 2013, 67, 796.	0.6	7
118	Cyanine dye polyelectrolytes for organic bilayer solar cells. <i>Polymer</i> , 2014, 55, 3195-3201.	3.8	7
119	Superweak Coordinating Anion as Superstrong Enhancer of Cyanine Organic Semiconductor Properties. <i>ChemPhysChem</i> , 2018, 19, 3356-3363.	2.1	7
120	On the Response Speed of Narrowband Organic Optical Upconversion Devices. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	7
121	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
122	Excitonic channels from bio-inspired templated supramolecular assembly of J-aggregate nanowires. <i>Nanoscale</i> , 2019, 11, 6929-6938.	5.6	6
123	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
124	Magnetic field effects in Alq3-based OLEDs investigated by electrical impedance spectroscopy. <i>Organic Electronics</i> , 2017, 50, 347-358.	2.6	5
125	Cyanine platelet single crystals: growth, crystal structure and optical spectra. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29166-29173.	2.8	5
126	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

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127	Gravure printed Ag/conductive polymer electrodes and simulation of their electrical properties. International Journal of Advanced Manufacturing Technology, 2019, 103, 3901-3912.	3.0	4
128	Critical role of H-aggregation for high-efficiency photoinduced charge generation in pristine pentamethine cyanine salts. Physical Chemistry Chemical Physics, 2021, 23, 23886-23895.	2.8	4
129	Spin dependent transport and recombination in organic lightemitting diodes. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3661-3664.	0.8	3
130	Mild synthesis of mercaptonitriles from vinyl nitriles and their cyclization reactions. RSC Advances, 2016, 6, 98059-98065.	3.6	3
131	Synthesis of polar polynorbornenes with high dielectric relaxation strength as candidate materials for dielectric applications. Materials Advances, 2022, 3, 998-1006.	5.4	3
132	Scrutinizing thermally stimulated current transients originating from trapped charges in organic semiconductors: A drift-diffusion study. Journal of Applied Physics, 2022, 131, .	2.5	3
133	Unexpected Equilibrium Ionic Distribution in Cyanine/C₆₀ Heterojunctions. Advanced Materials Interfaces, 2017, 4, 1600891.	3.7	2
134	Stress effects on the impedance and ferroelectricity of PVDF- BiFeO3-MWCNT films using xanthan gum as dispersant. Materials Chemistry and Physics, 2022, 286, 126175.	4.0	2
135	A Universal Approach for Roomâ€Temperature Printing and Coating of 2D Materials (Adv. Mater. 4/2022). Advanced Materials, 2022, 34, .	21.0	1
136	Flexible Mesh Electrodes: Woven Electrodes for Flexible Organic Photovoltaic Cells (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 3	21.0	0
137	Light Scattering Enhancement at the Absorption Edge in Dewetting Droplets of Cyanine Dyes. Advanced Optical Materials, 2017, 5, 1600903.	7.3	0
138	Organic salt semiconductors with surprising optical and electronic properties. , 2018, , .		0
139	All-Solution-Processed Organic Upconversion Device Comprising a Light-Emitting Electrochemical Cell. , 0, , .		0