

# Dirk Jm Vanderzande

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

343  
papers

10,850  
citations

53  
h-index

87  
g-index

360  
ext. papers

11,453  
ext. citations

5.2  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
343	Study on the Dynamics of Phase Formation and Degradation of 2D Layered Hybrid Perovskites and Low-dimensional Hybrids Containing Mono-functionalized Oligothiophene Cations. <i>ChemNanoMat</i> , <b>2021</b> , 7, 1013-1019	3.5	1
342	Directing the Self-Assembly of Conjugated Organic Ammonium Cations in Low-Dimensional Perovskites by Halide Substitution. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 5177-5188	9.6	2
341	Difluorodithieno[3,2-a:2',3'-c]phenazine as a strong acceptor for materials displaying thermally activated delayed fluorescence or room temperature phosphorescence. <i>Dyes and Pigments</i> , <b>2021</b> , 190, 109301	4.6	2
340	Benzo[1,2-b:4,5-b']dithiophene as a weak donor component for push-pull materials displaying thermally activated delayed fluorescence or room temperature phosphorescence. <i>Dyes and Pigments</i> , <b>2021</b> , 186, 109022	4.6	7
339	Light-Induced Charge Transfer in Two-Dimensional Hybrid Lead Halide Perovskites. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 18317-18327	3.8	2
338	The effect of halogenation on PBDTT-TQxT based non-fullerene polymer solar cells [Chlorination vs fluorination. <i>Dyes and Pigments</i> , <b>2020</b> , 181, 108577	4.6	7
337	Finding the optimal exchange-correlation functional to describe the excited state properties of push-pull organic dyes designed for thermally activated delayed fluorescence. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 16387-16399	3.6	11
336	Inducing Charge Separation in Solid-State Two-Dimensional Hybrid Perovskites through the Incorporation of Organic Charge-Transfer Complexes. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 824-830	6.4	24
335	2D layered perovskite containing functionalised benzothieno-benzothiophene molecules: formation, degradation, optical properties and photoconductivity. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7181-7188	7.1	9
334	Nanocapsules with stimuli-responsive moieties for controlled release employing light and enzymatic triggers. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2103-2112	7.8	13
333	Towards 2D layered hybrid perovskites with enhanced functionality: introducing charge-transfer complexes via self-assembly. <i>Chemical Communications</i> , <b>2019</b> , 55, 2481-2484	5.8	36
332	Homocoupling defects in porphyrinoid small molecules and their effect on organic solar cell performance. <i>Organic Electronics</i> , <b>2019</b> , 69, 48-55	3.5	2
331	All-polymer solar cells based on photostable bis(perylene diimide) acceptor polymers. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 196, 178-184	6.4	7
330	Fluorescent PCDTBT Nanoparticles with Tunable Size for Versatile Bioimaging. <i>Materials</i> , <b>2019</b> , 12,	3.5	1
329	Lead-Halide Perovskites Meet Donor-Acceptor Charge-Transfer Complexes. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 6880-6888	9.6	26
328	Analysis of bulk heterojunction organic solar cell blends by solid-state NMR relaxometry and sensitive external quantum efficiency [Impact of polymer side chain variation on nanoscale morphology. <i>Organic Electronics</i> , <b>2019</b> , 74, 309-314	3.5	4
327	Effect of Branching on the Optical Properties of Poly(-phenylene ethynylene) Conjugated Polymer Nanoparticles for Bioimaging. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 1967-1977	5.5	11

326	Muconic acid esters as bio-based acrylate mimics. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 5555-5563	4.9	11
325	Low-Dimensional Hybrid Perovskites Containing an Organic Cation with an Extended Conjugated System: Tuning the Excitonic Absorption Features. <i>ChemNanoMat</i> , <b>2019</b> , 5, 323-327	3.5	11
324	The Impact of Acceptor-Acceptor Homocoupling on the Optoelectronic Properties and Photovoltaic Performance of PDTSQx Low Bandgap Polymers. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800086	4.8	6
323	A PCPDTTPD-based narrow bandgap conjugated polyelectrolyte for organic solar cells. <i>Polymer</i> , <b>2018</b> , 137, 303-311	3.9	6
322	Degradation of the Formamidinium Cation and the Quantification of the Formamidinium/Methylammonium Ratio in Lead Iodide Hybrid Perovskites by Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 4117-4124	3.8	41
321	On the True Structure of Push-Bull-Type Low-Bandgap Polymers for Organic Electronics. <i>Advanced Electronic Materials</i> , <b>2018</b> , 4, 1700481	6.4	20
320	An effective strategy to enhance the dielectric constant of organic semiconductors □ CPDTPD-based low bandgap polymers bearing oligo(ethylene glycol) side chains. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 500-511	7.1	29
319	Morphology-dependent pH-responsive release of hydrophilic payloads using biodegradable nanocarriers.. <i>RSC Advances</i> , <b>2018</b> , 8, 36869-36878	3.7	10
318	Multi-layered hybrid perovskites templated with carbazole derivatives: optical properties, enhanced moisture stability and solar cell characteristics. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 22895-22908	13.28	28
317	Atmospheric correction of Landsat-8/OLI and Sentinel-2/MSI data using iCOR algorithm: validation for coastal and inland waters. <i>European Journal of Remote Sensing</i> , <b>2018</b> , 51, 525-542	2.9	88
316	Designing Small Molecule Organic Solar Cells with High Open-Circuit Voltage. <i>ChemistrySelect</i> , <b>2017</b> , 2, 1253-1261	1.8	11
315	Physicochemical characterizations of functional hybrid liposomal nanocarriers formed using photo-sensitive lipids. <i>Scientific Reports</i> , <b>2017</b> , 7, 46257	4.9	8
314	Tuning the optical properties of poly(p-phenylene ethynylene) nanoparticles as bio-imaging probes by side chain functionalization. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 504, 527-537	9.3	14
313	Eco-friendly fabrication of PBDTTPD:PC71BM solar cells reaching a PCE of 3.8% using water-based nanoparticle dispersions. <i>Organic Electronics</i> , <b>2017</b> , 42, 42-46	3.5	36
312	Conjugated ionic (co)polythiophene-based cathode interlayers for bulk heterojunction organic solar cells. <i>European Polymer Journal</i> , <b>2017</b> , 97, 49-56	5.2	2
311	Low bandgap polymers based on bay-annulated indigo for organic photovoltaics: Enhanced sustainability in material design and solar cell fabrication. <i>Organic Electronics</i> , <b>2017</b> , 50, 264-272	3.5	13
310	Molecular weight tuning of low bandgap polymers by continuous flow chemistry: increasing the applicability of PffBT4T for organic photovoltaics. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 18166-18175	13	13
309	High dielectric constant conjugated materials for organic photovoltaics. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24037-24050	13	79

308	Tuning of PCDTBT:PC71BM blend nanoparticles for eco-friendly processing of polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2017</b> , 159, 179-188	6.4	30
307	Synthesis of Highly Fluorescent All-Conjugated Alternating Donor/Acceptor (Block) Copolymers via GRIM Polymerization. <i>Macromolecules</i> , <b>2016</b> , 49, 6411-6419	5.5	10
306	Profluorescent PPV-Based Micellar System as a Versatile Probe for Bioimaging and Drug Delivery. <i>Biomacromolecules</i> , <b>2016</b> , 17, 4086-4094	6.9	22
305	PPV-Based Conjugated Polymer Nanoparticles as a Versatile Bioimaging Probe: A Closer Look at the Inherent Optical Properties and Nanoparticle-Cell Interactions. <i>Biomacromolecules</i> , <b>2016</b> , 17, 2562-719	6.9	40
304	Modifiable poly(p-phenylene vinylene) copolymers towards functional conjugated materials. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4771-4781	4.9	5
303	Improved efficiency of polymer-fullerene bulk heterojunction solar cells by the addition of Cu(II)-porphyrin-oligothiophene conjugates. <i>Synthetic Metals</i> , <b>2016</b> , 218, 1-8	3.6	2
302	Controlled/living polymerization towards functional poly(p-phenylene vinylene) materials. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 1355-1367	4.9	31
301	A direct arylation approach towards efficient small molecule organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 791-795	13	20
300	Impact of structure and homo-coupling of the central donor unit of small molecule organic semiconductors on solar cell performance. <i>RSC Advances</i> , <b>2016</b> , 6, 32298-32307	3.7	17
299	Influence of the amorphous phase and preceding solution processing on the eutectic behaviour in the state diagram of P3HT : PC61BM determined by rapid heat/cool calorimetry. <i>RSC Advances</i> , <b>2016</b> , 6, 92981-92988	3.7	5
298	Elucidating Batch-to-Batch Variation Caused by Homocoupled Side Products in Solution-Processable Organic Solar Cells. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 9088-9098	9.6	17
297	High-Permittivity Conjugated Polyelectrolyte Interlayers for High-Performance Bulk Heterojunction Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 6309-14	9.5	31
296	Effect of molecular weight on morphology and photovoltaic properties in P3HT:PCBM solar cells. <i>Organic Electronics</i> , <b>2015</b> , 21, 160-170	3.5	35
295	Molar Mass versus Polymer Solar Cell Performance: Highlighting the Role of Homocouplings. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 3726-3732	9.6	68
294	Porphyrin-Based Bulk Heterojunction Organic Photovoltaics: The Rise of the Colors of Life. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1500218	21.8	146
293	Improved Mechanistic Insights into Radical Sulfinyl Precursor MDMO-PPV Synthesis by Combining Microflow Technology and Computer Simulations. <i>Macromolecules</i> , <b>2015</b> , 48, 8294-8306	5.5	14
292	Synthesis of a multifunctional poly(p-phenylene ethynylene) scaffold with clickable azide-containing side chains for (bio)sensor applications. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6720-6731	4.9	4
291	Interfacial thiol-isocyanate reactions for functional nanocarriers: a facile route towards tunable morphologies and hydrophilic payload encapsulation. <i>Chemical Communications</i> , <b>2015</b> , 51, 15858-15861	5.8	29

290	Fluorination as an effective tool to increase the open-circuit voltage and charge carrier mobility of organic solar cells based on poly(cyclopenta[2,1-b:3,4-b']dithiophene-alt-quinoxaline) copolymers. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2960-2970	13	30
289	Strategy for Enhancing the Dielectric Constant of Organic Semiconductors Without Sacrificing Charge Carrier Mobility and Solubility. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 150-157	15.6	150
288	Synthesis of N,N'-dialkyl-6,6-dibromoisindigo derivatives by continuous flow. <i>Journal of Flow Chemistry</i> , <b>2015</b> , 5, 201-209	3.3	4
287	Continuous Flow Polymer Synthesis toward Reproducible Large-Scale Production for Efficient Bulk Heterojunction Organic Solar Cells. <i>ChemSusChem</i> , <b>2015</b> , 8, 3228-33	8.3	35
286	Continuous Synthesis and Thermal Elimination of Sulfinyl-Route Poly(p-Phenylene Vinylene) in Consecutive Flow Reactions. <i>Chemical Engineering and Technology</i> , <b>2015</b> , 38, 1749-1757	2	8
285	PPV Polymerization through the Gilch Route: Diradical Character of Monomers. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 19176-85	4.8	8
284	Simultaneous Enhancement of Solar Cell Efficiency and Stability by Reducing the Side Chain Density on Fluorinated PCPDTQx Copolymers. <i>Macromolecules</i> , <b>2015</b> , 48, 3873-3882	5.5	22
283	Facile Synthesis of Well-Defined MDMO-PPV Containing (Tri)Block Copolymers via Controlled Radical Polymerization and CuAAC Conjugation. <i>Polymers</i> , <b>2015</b> , 7, 418-452	4.5	14
282	Quinoxaline-Based Cyclo(oligophenylenes). <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 2425-30	4.2	14
281	N-acyl-dithieno[3,2-b:2',3'-d]pyrrole-based low bandgap copolymers affording improved open-circuit voltages and efficiencies in polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2015</b> , 136, 70-77	6.4	12
280	Enhanced Organic Solar Cell Stability by Polymer (PCPDTBT) Side Chain Functionalization. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 1332-1341	9.6	62
279	Synthesis of PPV-b-PEG block copolymers via CuAAC conjugation. <i>European Polymer Journal</i> , <b>2014</b> , 55, 114-122	5.2	6
278	Enhanced open-circuit voltage in polymer solar cells by dithieno[3,2-b:2',3'-d]pyrrole N-acylation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7535-7545	13	30
277	Enhanced intrinsic stability of the bulk heterojunction active layer blend of polymer solar cells by varying the polymer side chain pattern. <i>Organic Electronics</i> , <b>2014</b> , 15, 549-562	3.5	38
276	Facile synthesis of 3-(alkoxyalkyl)thiophenes and derived copolythiophenes using Rieke zinc. <i>Reactive and Functional Polymers</i> , <b>2014</b> , 75, 22-30	4.6	2
275	Electronic Structure of the Positive Radical of <sup>13</sup> C-Labeled Poly(3-Octylthienylene Vinylene) Polymer. <i>Applied Magnetic Resonance</i> , <b>2014</b> , 45, 827-839	0.8	2
274	Synthesis of ester side chain functionalized all-conjugated diblock copolythiophenes via the Rieke method. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1832	4.9	11
273	Diamond functionalization with light-harvesting molecular wires: improved surface coverage by optimized Suzuki cross-coupling conditions. <i>RSC Advances</i> , <b>2014</b> , 4, 42044-42053	3.7	20

272	Poly(3-alkylthiophene) nanofibers for optoelectronic devices. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5730	7.1	35
271	Electronic structure of positive and negative polarons in functionalized dithienylthiazolo[5,4-d]thiazoles: a combined EPR and DFT study. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 10032-40	3.6	14
270	Investigating the role of efficiency enhancing interlayers for bulk heterojunction solar cells by scanning probe microscopy. <i>Organic Electronics</i> , <b>2014</b> , 15, 1282-1289	3.5	8
269	Direct arylation as a versatile tool towards thiazolo[5,4-d]thiazole-based semiconducting materials. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 4663-72	3.9	27
268	On the Relation between Morphology and FET Mobility of Poly(3-alkylthiophene)s at the Polymer/SiO <sub>2</sub> and Polymer/Air Interface. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1994-2004	15.6	16
267	Toward bulk heterojunction polymer solar cells with thermally stable active layer morphology. <i>Journal of Photonics for Energy</i> , <b>2014</b> , 4, 040997	1.2	41
266	Study of optical and electrical properties of water-soluble conjugated poly(3-hexylthiophene) on different grain-sized mesoporous TiO <sub>2</sub> layers. <i>Thin Solid Films</i> , <b>2014</b> , 556, 285-290	2.2	7
265	Amphiphilic N-methylimidazole-functionalized diblock copolythiophenes. <i>European Polymer Journal</i> , <b>2014</b> , 53, 206-214	5.2	21
264	The Importance of Bridging Points for Charge Transport in Webs of Conjugated Polymer Nanofibers. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 862-869	15.6	27
263	Improved thermal stability of bulk heterojunctions based on side-chain functionalized poly(3-alkylthiophene) copolymers and PCBM. <i>Solar Energy Materials and Solar Cells</i> , <b>2013</b> , 110, 69-76	6.4	49
262	Life cycle analyses of organic photovoltaics: a review. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 3136	35.4	155
261	Solution-processed bi-layer polythiophene fullerene organic solar cells. <i>RSC Advances</i> , <b>2013</b> , 3, 25197	3.7	5
260	In situ monitoring the thermal degradation of PCPDTBT low band gap polymers with varying alkyl side-chain patterns. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 4912-4922	2.5	6
259	Synthesis of well-defined PPV containing block polymers with precise endgroup control by a dual-initiator strategy. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3471-3479	4.9	17
258	Trivalent organophosphorus reagent induced pinacol rearrangement of 4H-cyclopenta[2,1-b:3,4-b']dithiophen-4-one. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 526-529	2	5
257	Anionic PPV polymerization from the sulfinyl precursor route: Block copolymer formation from sequential addition of monomers. <i>Polymer</i> , <b>2013</b> , 54, 1298-1304	3.9	16
256	Imidazolium-substituted ionic (co)polythiophenes: Compositional influence on solution behavior and thermal properties. <i>Polymer</i> , <b>2013</b> , 54, 6293-6304	3.9	25
255	Effect of Polymer Crystallinity in P3HT:PCBM Solar Cells on Band Gap Trap States and Apparent Recombination Order. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 466-471	21.8	42

254	Imidazolium-Substituted Polythiophenes as Efficient Electron Transport Materials Improving Photovoltaic Performance. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 1180-1185	21.8	49
253	An Efficient and Reliable Procedure for the Preparation of Highly Reactive Rieke Zinc. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, n/a-n/a	5.6	1
252	Ester-functionalized poly(3-alkylthiophene) copolymers: Synthesis, physicochemical characterization and performance in bulk heterojunction organic solar cells. <i>Organic Electronics</i> , <b>2013</b> , 14, 523-534	3.5	21
251	Influence of fullerene photodimerization on the PCBM crystallization in polymer: Fullerene bulk heterojunctions under thermal stress. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2013</b> , 51, 1209-1214	2.6	64
250	Thiazolo[5,4-d]thiazoles [promising building blocks in the synthesis of semiconductors for plastic electronics. <i>RSC Advances</i> , <b>2013</b> , 3, 11418	3.7	57
249	Comparative Kinetic Monte Carlo study of the Sulfinyl and Dithiocarbamate Precursor Route toward Highly Regioregular MDMO-PPV. <i>Macromolecular Theory and Simulations</i> , <b>2013</b> , 22, 246-255	1.5	15
248	Reaction of 4H-cyclopenta[2,1-b:3,4-b']dithiophenes with NBS route toward 2H-cyclopenta[2,1-b:3,4-b']dithiophene-2,6(4H)-diones. <i>Tetrahedron</i> , <b>2013</b> , 69, 2260-2267	2.4	5
247	Synthetic Routes toward Asymmetrically Substituted (Functionalized) 4H-Cyclopenta[2,1-b:3,4-b']dithiophenes. <i>Synlett</i> , <b>2013</b> , 24, 2389-2392	2.2	6
246	Ionic high-performance light harvesting and carrier transporting OPV materials <b>2013</b> ,		1
245	Synthesis of MDMO-PPV Nanoparticles Via In Situ Sulfinyl Precursor Route Polymerization in Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 1859-1864	2.6	4
244	Quinoxaline derivatives with broadened absorption patterns. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 5866-76	3.9	25
243	Influence of octanedithiol on the nanomorphology of PCPDTBT:PCBM blends studied by solid-state NMR. <i>Solar Energy Materials and Solar Cells</i> , <b>2012</b> , 96, 210-217	6.4	20
242	Living polymerization via anionic initiation for the synthesis of well-defined PPV materials. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 242-7	4.8	13
241	Synthesis of poly(p-phenylene vinylene) materials via the precursor routes. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 275-285	4.9	71
240	Controlled synthesis of MDMO-PPV and block copolymers made thereof. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 1722-1725	4.9	14
239	On the stability of a variety of organic photovoltaic devices by IPCE and in situ IPCE analyses--the ISOS-3 inter-laboratory collaboration. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 11824-45	3.6	34
238	The ISOS-3 inter-laboratory collaboration focused on the stability of a variety of organic photovoltaic devices. <i>RSC Advances</i> , <b>2012</b> , 2, 882-893	3.7	102
237	Investigation of the degradation mechanisms of a variety of organic photovoltaic devices by combination of imaging techniques the ISOS-3 inter-laboratory collaboration. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 6521	35.4	116

236	Stability and degradation of organic photovoltaics fabricated, aged, and characterized by the ISOS 3 inter-laboratory collaboration <b>2012</b> ,		2
235	Charge transfer in the weak driving force limit in blends of MDMO-PPV and dithienylthiazolo[5,4-d]thiazoles towards organic photovoltaics with high V(OC). <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 15774-84	3.6	11
234	Charge photogeneration in donor/acceptor organic solar cells. <i>Journal of Photonics for Energy</i> , <b>2012</b> , 2, 021001	1.2	10
233	Influence of the processing solvent on the photoactive layer nanomorphology of P3HT/PC60BM solar cells. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1037-1041	2.5	14
232	Improved Photovoltaic Performance of a Semicrystalline Narrow Bandgap Copolymer Based on 4H-Cyclopenta[2,1-b:3,4-b']dithiophene Donor and Thiazolo[5,4-d]thiazole Acceptor Units. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 587-593	9.6	68
231	TOF-SIMS investigation of degradation pathways occurring in a variety of organic photovoltaic devices--the ISOS-3 inter-laboratory collaboration. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 11780-99 <sup>6</sup>		3 <sup>1</sup>
230	Combined experimental-theoretical NMR study on 2,5-bis(5-aryl-3-hexylthiophen-2-yl)-thiazolo[5,4-d]thiazole derivatives for printable electronics. <i>Magnetic Resonance in Chemistry</i> , <b>2012</b> , 50, 379-87	2.1	6
229	Functionalized Dithienylthiazolo[5,4-d]thiazoles For Solution-Processable Organic Field-Effect Transistors. <i>ChemPlusChem</i> , <b>2012</b> , 77, 923-930	2.8	10
228	Ligand exchange and photoluminescence quenching in organic-inorganic blends poly(3-hexylthiophene) P3HT:PbS <b>2012</b> ,		3
227	Combined characterization techniques to understand the stability of a variety of organic photovoltaic devices: the ISOS-3 inter-laboratory collaboration <b>2012</b> ,		3
226	Influence of Fullerene Ordering on the Energy of the Charge-Transfer State and Open-Circuit Voltage in Polymer:Fullerene Solar Cells. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 10873-10880	3.8	88
225	Tetra-alkoxy substituted PPV derivatives: a new class of highly soluble liquid crystalline conjugated polymers. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 1279	4.9	1
224	Fingerprints for structural defects in poly(thienylene vinylene) (PTV): a joint theoretical-experimental NMR study on model molecules. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 12040-50	3.4	8
223	Opto-electrical and morphological characterization of water soluble conjugated polymers for eco-friendly hybrid solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2011</b> , 95, 3262-3268	6.4	22
222	CAFM on conjugated polymer nanofibers: Capable of assessing one fiber mobility. <i>Organic Electronics</i> , <b>2011</b> , 12, 2084-2089	3.5	21
221	Synthesis and characterization of water-soluble poly(p-phenylene vinylene) derivatives via the dithiocarbamate precursor route. <i>European Polymer Journal</i> , <b>2011</b> , 47, 1827-1835	5.2	19
220	Discovery of an Anionic Polymerization Mechanism for High Molecular Weight PPV Derivatives via the Sulfinyl Precursor Route. <i>Macromolecules</i> , <b>2011</b> , 44, 7610-7616	5.5	22
219	Isothermal crystallization of P3HT:PCBM blends studied by RHC. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2011</b> , 105, 845-849	4.1	16



218	Solid-state NMR as a tool to describe and quantify the morphology of photoactive layers used in plastic solar cells. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 1699-1707	2.5	11
217	Description of the nanostructured morphology of [6,6]-phenyl-C61 -butyric acid methyl ester (PCBM) by XRD, DSC and solid-state NMR. <i>Magnetic Resonance in Chemistry</i> , <b>2011</b> , 49, 242-7	2.1	23
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