

# Antoine Kahn

## 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.

266  
papers

27,368  
citations

94  
h-index

161  
g-index

275  
ext. papers

29,139  
ext. citations

8.9  
avg, IF

7.19  
L-index

#	Paper	IF	Citations
266	Electrochemically n-Doped CsPbBr <sub>3</sub> Nanocrystal Thin Films. <i>ACS Energy Letters</i> , <b>2022</b> , 7, 211-216	20.1	1
265	Design of UV-Absorbing Donor Molecules for Nearly Imperceptible Organic Solar Cells. <i>ACS Energy Letters</i> , <b>2022</b> , 7, 180-188	20.1	5
264	Controlled n-Doping of Naphthalene Diimide-Based Two-Dimensional Polymers. <i>Advanced Materials</i> , <b>2021</b> , e2101932	24	5
263	Direct Probing of Gap States and Their Passivation in Halide Perovskites by High-Sensitivity, Variable Energy Ultraviolet Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 5217-5225	28.4	4
262	Adduct-based p-doping of organic semiconductors. <i>Nature Materials</i> , <b>2021</b> , 20, 1248-1254	27	18
261	p-Type molecular doping by charge transfer in halide perovskite. <i>Materials Advances</i> , <b>2021</b> , 2, 2956-2965	3.3	6
260	Coronene derivatives for transparent organic photovoltaics through inverse materials design. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 1310-1317	7.1	5
259	Molecular dopants: Tools to control the electronic structure of metal halide perovskite interfaces. <i>Applied Physics Reviews</i> , <b>2021</b> , 8, 041301	17.3	3
258	n-Doping of a Low-Electron-Affinity Polymer Used as an Electron-Transport Layer in Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000328	15.6	7
257	Structural and Electronic Impact of an Asymmetric Organic Ligand in Diammonium Lead Iodide Perovskites. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903900	21.8	8
256	Ultraviolet Photoemission Spectroscopy and Kelvin Probe Measurements on Metal Halide Perovskites: Advantages and Pitfalls. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903252	21.8	23
255	Elucidating the Role of a Tetrafluoroborate-Based Ionic Liquid at the n-Type Oxide/Perovskite Interface. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903231	21.8	50
254	Gap States in Methylammonium Lead Halides: The Link to Dimethylsulfoxide?. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003482	24	16
253	The properties, photovoltaic performance and stability of visible to near-IR all inorganic perovskites. <i>Materials Advances</i> , <b>2020</b> , 1, 1920-1929	3.3	2
252	Photocurrent deviation from linearity in an organic photodetector due to limited hole transport layer conductivity. <i>Organic Electronics</i> , <b>2020</b> , 76, 105450	3.5	5
251	Quantum Well Energetics of an n = 2 Ruddlesden-Popper Phase Perovskite. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901005	21.8	17
250	Molecular-Reductant-Induced Control of a Graphene/Organic Interface for Electron Injection. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 6624-6632	9.6	8

249	Complexities of Contact Potential Difference Measurements on Metal Halide Perovskite Surfaces. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 890-896	6.4	16
248	Interfacial charge-transfer doping of metal halide perovskites for high performance photovoltaics. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 3063-3073	35.4	77
247	Sensitization of silicon by singlet exciton fission in tetracene. <i>Nature</i> , <b>2019</b> , 571, 90-94	50.4	143
246	Electrical Doping of Organic Semiconductors with Molecular Oxidants and Reductants <b>2019</b> , 21-43		1
245	Halide Perovskites: Is It All about the Interfaces?. <i>Chemical Reviews</i> , <b>2019</b> , 119, 3349-3417	68.1	287
244	High-Voltage Photogeneration Exclusively via Aggregation-Induced Triplet States in a Heavy-Atom-Free Nonplanar Organic Semiconductor. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901649	21.8	3
243	What Limits the Open-Circuit Voltage of Bromide Perovskite-Based Solar Cells?. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 1-7	20.1	58
242	The formation of polymer-dopant aggregates as a possible origin of limited doping efficiency at high dopant concentration. <i>Organic Electronics</i> , <b>2018</b> , 53, 135-140	3.5	26
241	Characterization of the Valence and Conduction Band Levels of n = 1 2D Perovskites: A Combined Experimental and Theoretical Investigation. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703468	21.8	48
240	Toward a better understanding of the doping mechanism involved in Mo(tfd-COCF3) <sub>3</sub> doped PBDDTT-c. <i>Journal of Applied Physics</i> , <b>2018</b> , 123, 225501	2.5	3
239	Impact of unintentional oxygen doping on organic photodetectors. <i>Organic Electronics</i> , <b>2018</b> , 54, 64-71	3.5	9
238	Investigation of the High Electron Affinity Molecular Dopant F6-TCNNQ for Hole-Transport Materials. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1703780	15.6	44
237	Ultrasensitive Heterojunctions of Graphene and 2D Perovskites Reveal Spontaneous Iodide Loss. <i>Joule</i> , <b>2018</b> , 2, 2133-2144	27.8	27
236	Variable charge transfer state energies at nanostructured pentacene/C60 interfaces. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 213302	3.4	10
235	Electronic structure of the CsPbBr <sub>3</sub> /polytriarylamine (PTAA) system. <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 035304	2.5	74
234	Mixed-Halide Perovskites with Stabilized Bandgaps. <i>Nano Letters</i> , <b>2017</b> , 17, 6863-6869	11.5	121
233	Beating the thermodynamic limit with photo-activation of n-doping in organic semiconductors. <i>Nature Materials</i> , <b>2017</b> , 16, 1209-1215	27	120
232	Pairing of near-ultraviolet solar cells with electrochromic windows for smart management of the solar spectrum. <i>Nature Energy</i> , <b>2017</b> , 2,	62.3	142

231	Fermi level, work function and vacuum level. <i>Materials Horizons</i> , <b>2016</b> , 3, 7-10	14.4	396
230	Morphological Tuning of the Energetics in Singlet Fission Organic Solar Cells. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 6489-6494	15.6	19
229	High-Work-Function Molybdenum Oxide Hole Extraction Contacts in Hybrid Organic-Inorganic Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31491-31499	9.5	116
228	Electronically Passivated Hole-Blocking Titanium Dioxide/Silicon Heterojunction for Hybrid Silicon Photovoltaics. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600026	4.6	12
227	Determination of Energy Level Alignment within an Energy Cascade Organic Solar Cell. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 794-801	9.6	47
226	Revisiting the Valence and Conduction Band Size Dependence of PbS Quantum Dot Thin Films. <i>ACS Nano</i> , <b>2016</b> , 10, 3302-11	16.7	89
225	Solution-Processed p-Dopant as Interlayer in Polymer Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9262-7	9.5	17
224	Contorted Hexabenzocoronenes with Extended Heterocyclic Moieties Improve Visible-Light Absorption and Performance in Organic Solar Cells. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 673-681	9.6	28
223	Valence and Conduction Band Densities of States of Metal Halide Perovskites: A Combined Experimental-Theoretical Study. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 2722-9	6.4	264
222	P-doped organic semiconductor: Potential replacement for PEDOT:PSS in organic photodetectors. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 073301	3.4	16
221	Impact of a Low Concentration of Dopants on the Distribution of Gap States in a Molecular Semiconductor. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 2677-2684	9.6	27
220	Experimental Characterization of Interfaces of Relevance to Organic Electronics. <i>Materials and Energy</i> , <b>2016</b> , 159-191		2
219	Titanium dioxide/silicon hole-blocking selective contact to enable double-heterojunction crystalline silicon-based solar cell. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 123906	3.4	98
218	Investigation of p-dopant diffusion in polymer films and bulk heterojunctions: Stable spatially-confined doping for all-solution processed solar cells. <i>Organic Electronics</i> , <b>2015</b> , 23, 151-157	3.5	36
217	Halogenation of a Nonplanar Molecular Semiconductor to Tune Energy Levels and Bandgaps for Electron Transport. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 1892-1900	9.6	46
216	Quantifying the Extent of Contact Doping at the Interface between High Work Function Electrical Contacts and Poly(3-hexylthiophene) (P3HT). <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 1303-9	6.4	32
215	Electronic Level Alignment in Inverted Organometal Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , <b>2015</b> , 2, 1400532	4.6	139
214	Low-Temperature Synthesis of a TiO <sub>2</sub> /Si Heterojunction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 14842-5	16.4	59

213	Stability of inverted organic solar cells with ZnO contact layers deposited from precursor solutions. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 592-601	35.4	88
212	Hybrid Organic-Inorganic Perovskites (HOIPs): Opportunities and Challenges. <i>Advanced Materials</i> , <b>2015</b> , 27, 5102-12	24	325
211	Dopant controlled trap-filling and conductivity enhancement in an electron-transport polymer. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 163301	3.4	49
210	Impact of Blend Morphology on Interface State Recombination in Bulk Heterojunction Organic Solar Cells. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1090-1101	15.6	26
209	Impact of Hole Transport Layer Surface Properties on the Morphology of a Polymer-Fullerene Bulk Heterojunction. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1301879	21.8	26
208	Chemically Controlled Reversible and Irreversible Extraction Barriers Via Stable Interface Modification of Zinc Oxide Electron Collection Layer in Polycarbazole-based Organic Solar Cells. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4671-4680	15.6	64
207	Improved Performance in Bulk Heterojunction Organic Solar Cells with a Sol-Gel MgZnO Electron-Collecting Layer. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1400073	21.8	19
206	Enhanced Charge-Carrier Injection and Collection Via Lamination of Doped Polymer Layers p-Doped with a Solution-Processible Molybdenum Complex. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2197-2204	15.6	70
205	Tailoring Electron-Transfer Barriers for Zinc Oxide/C60 Fullerene Interfaces. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 7381-7389	15.6	47
204	Interface dipole engineering at buried organic-organic semiconductor heterojunctions. <i>Organic Electronics</i> , <b>2014</b> , 15, 2360-2366	3.5	14
203	NiOX/MoO3 Bi-Layers as Efficient Hole Extraction Contacts in Organic Solar Cells. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 701-706	15.6	59
202	Molecular doping and tuning threshold voltage in 6,13-bis(triisopropylsilylethynyl)pentacene/polymer blend transistors. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 063301	3.4	27
201	Impact of Functionalized Polystyrenes as the Electron Injection Layer on Gold and Aluminum Surfaces: A Combined Theoretical and Experimental Study. <i>Israel Journal of Chemistry</i> , <b>2014</b> , 54, 779-788 <sup>3,4</sup>	3.4	2
200	Interface energetics in organo-metal halide perovskite-based photovoltaic cells. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 1377	35.4	554
199	Air-Exposure-Induced Gas-Molecule Incorporation into Spiro-MeOTAD Films. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 1374-9	6.4	81
198	Photoinduced Hole Transfer Becomes Suppressed with Diminished Driving Force in Polymer-Fullerene Solar Cells While Electron Transfer Remains Active. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 1238-1249	15.6	100
197	Mechanistic study on the solution-phase n-doping of 1,3-dimethyl-2-aryl-2,3-dihydro-1H-benzimidazole derivatives. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15018-25	16.4	159
196	The effect of structural order on solar cell parameters, as illustrated in a SiC-organic junction model. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 3272	35.4	8

195	Gap states in pentacene thin film induced by inert gas exposure. <i>Physical Review Letters</i> , <b>2013</b> , 110, 267602	101
194	Electronic structure and carrier transport at laminated polymer homojunctions. <i>Organic Electronics</i> , <b>2013</b> , 14, 149-155	3.5 13
193	Energy Levels at MoleculeMetal Interfaces <b>2013</b> , 219-241	4
192	Effect of Doping Density on the Charge Rearrangement and Interface Dipole at the MoleculeSilicon Interface. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 22422-22427	3.8 12
191	Hole-blocking crystalline-silicon/titanium-oxide heterojunction with very low interface recombination velocity <b>2013</b> ,	19
190	(Invited) Wide Bandgap Heterojunctions on Crystalline Silicon. <i>ECS Transactions</i> , <b>2013</b> , 58, 97-105	1 2
189	Hole-blocking titanium-oxide/silicon heterojunction and its application to photovoltaics. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 203901	3.4 146
188	Nature of the Interfaces Between Stoichiometric and Under-Stoichiometric MoO <sub>3</sub> and 4,4'-N,N'-dicarbazole-biphenyl: A Combined Theoretical and Experimental Study. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 6091-6099	15.6 24
187	Energy level alignment in PCDTBT:PC70BM solar cells: Solution processed NiO <sub>x</sub> for improved hole collection and efficiency. <i>Organic Electronics</i> , <b>2012</b> , 13, 744-749	3.5 127
186	n-Doping of organic electronic materials using air-stable organometallics. <i>Advanced Materials</i> , <b>2012</b> , 24, 699-703	24 138
185	Solution doping of organic semiconductors using air-stable n-dopants. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 083305	3.4 76
184	Passivation of trap states in unpurified and purified C60 and the influence on organic field-effect transistor performance. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 253303	3.4 52
183	Low-temperature, solution-processed molybdenum oxide hole-collection layer for organic photovoltaics. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3249	136
182	Ultralow doping in organic semiconductors: evidence of trap filling. <i>Physical Review Letters</i> , <b>2012</b> , 109, 176601	7.4 192
181	A universal method to produce low-work function electrodes for organic electronics. <i>Science</i> , <b>2012</b> , 336, 327-32	33.3 1642
180	Oriented Growth of Al <sub>2</sub> O <sub>3</sub> :ZnO Nanolaminates for Use as Electron-Selective Electrodes in Inverted Polymer Solar Cells. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 1531-1538	15.6 47
179	Transition metal oxides for organic electronics: energetics, device physics and applications. <i>Advanced Materials</i> , <b>2012</b> , 24, 5408-27	24 881
178	Photovoltaic efficiency limits and material disorder. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 6022	35.4 134

177	Correlation between interface energetics and open circuit voltage in organic photovoltaic cells. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 233301	3.4	81
176	Polyvinylpyrrolidone-modified indium tin oxide as an electron-collecting electrode for inverted polymer solar cells. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 073303	3.4	25
175	Charge transport across metal/molecular (alkyl) monolayer-Si junctions is dominated by the LUMO level. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	48
174	Electronic structure of the poly(3-hexylthiophene):indene-C60 bisadduct bulk heterojunction. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 043719	2.5	41
173	Electronic structure of Vanadium pentoxide: An efficient hole injector for organic electronic materials. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 033710	2.5	190
172	Evidence for near-Surface NiOOH Species in Solution-Processed NiOx Selective Interlayer Materials: Impact on Energetics and the Performance of Polymer Bulk Heterojunction Photovoltaics. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 4988-5000	9.6	283
171	Soluble fullerene derivatives: The effect of electronic structure on transistor performance and air stability. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 014506	2.5	18
170	Modular construction of P3HT/PCBM planar-heterojunction solar cells by lamination allows elucidation of processing-structure-function relationships. <i>Organic Electronics</i> , <b>2011</b> , 12, 1963-1972	3.5	17
169	Filled and empty states of alkanethiol monolayer on Au (111): Fermi level asymmetry and implications for electron transport. <i>Chemical Physics Letters</i> , <b>2011</b> , 511, 344-347	2.5	44
168	Inverted Organic Solar Cells with Solution Processed High Work-Function Vanadium Oxide Hole-Extraction Layers. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 4776-4783	15.6	186
167	MoO3 films spin-coated from a nanoparticle suspension for efficient hole-injection in organic electronics. <i>Advanced Materials</i> , <b>2011</b> , 23, 70-3	24	297
166	Enhanced Efficiency in Plastic Solar Cells via Energy Matched Solution Processed NiOx Interlayers. <i>Advanced Energy Materials</i> , <b>2011</b> , 1, 813-820	21.8	273
165	Device Characteristics of Bulk-Heterojunction Polymer Solar Cells are Independent of Interfacial Segregation of Active Layers. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 2020-2023	9.6	71
164	Annealing sequence dependent open-circuit voltage of inverted polymer solar cells attributable to interfacial chemical reaction between top electrodes and photoactive layers. <i>Langmuir</i> , <b>2011</b> , 27, 11265-11271	4.1	13
163	Electronic structure and band alignment of 9,10-phenanthrenequinone passivated silicon surfaces. <i>Surface Science</i> , <b>2011</b> , 605, 1308-1312	1.8	12
162	Remote doping of a pentacene transistor: Control of charge transfer by molecular-level engineering. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 123305	3.4	33
161	The origin of low water vapor transmission rates through Al2O3/ZrO2 nanolaminate gas-diffusion barriers grown by atomic layer deposition. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 243308	3.4	94
160	Charge generation layers comprising transition metal-oxide/organic interfaces: Electronic structure and charge generation mechanism. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 193302	3.4	157

159	Surface and interface states of gallium-polar versus nitrogen-polar GaN: Impact of thin organic semiconductor overlayers. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 113707	2.5	16
158	Electronic Structure and Dynamics at Organic Donor/Acceptor Interfaces. <i>MRS Bulletin</i> , <b>2010</b> , 35, 443-448	3.2	36
157	Molecular-scale properties of MoO <sub>3</sub> -doped pentacene. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	26
156	A Molybdenum Dithiolene Complex as p-Dopant for Hole-Transport Materials: A Multitechnique Experimental and Theoretical Investigation. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 524-531	9.6	60
155	Effect of contamination on the electronic structure and hole-injection properties of MoO <sub>3</sub> /organic semiconductor interfaces. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 133308	3.4	163
154	Hg/Molecular Monolayer/Bi Junctions: Electrical Interplay between Monolayer Properties and Semiconductor Doping Density. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 10270-10279	3.8	51
153	Phosphine Oxide Derivatives as Hosts for Blue Phosphors: A Joint Theoretical and Experimental Study of Their Electronic Structure. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 247-254	9.6	89
152	Silicon surface passivation by an organic overlayer of 9,10-phenanthrenequinone. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 222109	3.4	37
151	The Role of Transition Metal Oxides in Charge-Generation Layers for Stacked Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1762-1766	15.6	138
150	The Influence of Film Morphology in High-Mobility Small-Molecule:Polymer Blend Organic Transistors. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 2330-2337	15.6	110
149	Molecules on si: electronics with chemistry. <i>Advanced Materials</i> , <b>2010</b> , 22, 140-59	24	197
148	Modification of gold source and drain electrodes by self-assembled monolayer in staggered n- and p-channel organic thin film transistors. <i>Organic Electronics</i> , <b>2010</b> , 11, 227-237	3.5	96
147	Direct determination of the electronic structure of the poly(3-hexylthiophene):phenyl-[6,6]-C61 butyric acid methyl ester blend. <i>Organic Electronics</i> , <b>2010</b> , 11, 1779-1785	3.5	200
146	Electronic band structure and ensemble effect in monolayers of linear molecules investigated by photoelectron spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	16
145	Role of the deep-lying electronic states of MoO <sub>3</sub> in the enhancement of hole-injection in organic thin films. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 123301	3.4	547
144	Isolated molecular dopants in pentacene observed by scanning tunneling microscopy. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	33
143	Influence of chemical doping on the performance of organic photovoltaic cells. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 203306	3.4	38
142	Charge transfer at n-doped organic-organic heterojunctions. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 123711	1.5	53

141	Hole Injection in a Model Fluorene-Triarylamine Copolymer. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 304-310	15.6	32
140	N-doping of pentacene by decamethylcobaltocene. <i>Applied Physics A: Materials Science and Processing</i> , <b>2009</b> , 95, 7-13	2.6	45
139	Energetics of metal-organic interfaces: New experiments and assessment of the field. <i>Materials Science and Engineering Reports</i> , <b>2009</b> , 64, 1-31	30.9	526
138	P-type doping of organic wide band gap materials by transition metal oxides: A case-study on Molybdenum trioxide. <i>Organic Electronics</i> , <b>2009</b> , 10, 932-938	3.5	368
137	Electrical Transport and Photoemission Experiments of Alkylphosphonate Monolayers on GaAs. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 3313-3321	3.8	23
136	Use of a high electron-affinity molybdenum dithiolene complex to p-dope hole-transport layers. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 12530-1	16.4	81
135	Improving charge injection in organic thin-film transistors with thiol-based self-assembled monolayers. <i>Organic Electronics</i> , <b>2008</b> , 9, 419-424	3.5	107
134	Fluorenyl-substituted silole molecules: geometric, electronic, optical, and device properties. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 3157		40
133	Enhancement of electron injection into a light-emitting polymer from an aluminum oxide cathode modified by a self-assembled monolayer. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 103305	3.4	36
132	Commensurate growth and diminishing substrate influence in a multilayer film of a tris(thieno)hexaazatriphenylene derivative on Au(111) studied by scanning tunneling microscopy. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	11
131	Measurements of the Einstein relation in doped and undoped molecular thin films. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	16
130	Substrate-dependent electronic structure of an organic heterojunction. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	28
129	Doping Molecular Monolayers: Effects on Electrical Transport Through Alkyl Chains on Silicon. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 2102-2113	15.6	29
128	Electronic Current Transport through Molecular Monolayers: Comparison between Hg/Alkoxy and Alkyl Monolayer/Si(100) Junctions. <i>Advanced Materials</i> , <b>2008</b> , 20, 3931-3936	24	41
127	Decamethylcobaltocene as an efficient n-dopant in organic electronic materials and devices. <i>Organic Electronics</i> , <b>2008</b> , 9, 575-581	3.5	89
126	Effect of doping on electronic transport through molecular monolayer junctions. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 7494-5	16.4	25
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