

# Roland Resel

## List of Publications by Year in descending order

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310  
papers

8,132  
citations

50566

48  
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93651

72  
g-index

314  
all docs

314  
docs citations

314  
times ranked

9273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Sulfide Thin Films with Tunable Nanoporosity for Photocatalytic Applications. ACS Applied Nano Materials, 2022, 5, 1508-1520.	2.4	10
2	Influence of Precursor Density and Conversion Time on the Orientation of Vapor-Deposited ZIF-8. Crystals, 2022, 12, 217.	1.0	8
3	Humidity Response of Cellulose Thin Films. Biomacromolecules, 2022, 23, 1148-1157.	2.6	9
4	From 2D to 3D: Bridging Self-Assembled Monolayers to a Substrate-Induced Polymorph in a Molecular Semiconductor. Chemistry of Materials, 2022, 34, 2238-2248.	3.2	11
5	Understanding the Origin of the Particularly Small and Anisotropic Thermal Expansion of MOF-74. Advanced Theory and Simulations, 2022, 5, .	1.3	5
6	Correlation between two- and three-dimensional crystallographic lattices for epitaxial analysis. I. Theory. Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 262-271.	0.0	1
7	Correlation between two- and three-dimensional crystallographic lattices for epitaxial analysis. II. Experimental results. Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 272-282.	0.0	2
8	Engineering of a kinetically driven phase of phenoxazine by surface crystallisation. CrystEngComm, 2022, 24, 4921-4931.	1.3	3
9	Impact of sample misalignment on grazing incidence x-ray diffraction patterns and the resulting unit cell determination. Review of Scientific Instruments, 2022, 93, .	0.6	3
10	Directional crystallization of C8-BTBT-C8 thin films in a temperature gradient. Materials Chemistry Frontiers, 2021, 5, 249-258.	3.2	17
11	Cold Crystallization of the Organic n-Type Small Molecule Semiconductor 2-Decyl-7-phenyl-[1]benzothieno[3,2-b][1]benzothiophene (C <sub>8</sub> -BTBT-C <sub>8</sub> )-Tetraoxide. Crystal Growth and Design, 2021, 21, 325-332.	1.4	8
12	Mobility anisotropy in the herringbone structure of asymmetric Ph-BTBT-10 in solution sheared thin film transistors. Journal of Materials Chemistry C, 2021, 9, 7186-7193.	2.7	22
13	Molecular Disorder in Crystalline Thin Films of an Asymmetric BTBT Derivative. Chemistry of Materials, 2021, 33, 1455-1461.	3.2	15
14	Molecular packing analysis of the crystal smectic E phase of a benzothieno-benzothiophene derivative by a combined experimental / computational approach. Liquid Crystals, 2021, 48, 1888-1896.	0.9	8
15	Thin Film Growth of a Charge Transfer Cocrystal (DCS/TFPA) for Ambipolar Thin Film Transistors. ACS Applied Electronic Materials, 2021, 3, 2783-2789.	2.0	5
16	Lenticular Ga-oxide nanostructures in thin amorphous germanosilicate layers - Size control and dimensional constraints. Materials and Design, 2021, 204, 109667.	3.3	3
17	GIDInd: an automated indexing software for grazing-incidence X-ray diffraction data. Journal of Applied Crystallography, 2021, 54, 1256-1267.	1.9	11
18	Directional Crystallization from the Melt of an Organic p-Type and n-Type Semiconductor Blend. Crystal Growth and Design, 2021, 21, 5231-5239.	1.4	8

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19	Aggregate formation in crystalline blends of $\hat{I}\pm$ -sexithiophene and para-sexiphenyl. <i>Electronic Structure</i> , 2021, 3, 034004.	1.0	6
20	Controlled recrystallization from the melt of the organic n-type small molecule semiconductor 2-decyl-7-phenyl-[1]benzothieno[3,2-b][1]benzothiophene S,S,Sâ€²,Sâ€²-tetraoxide. <i>Journal of Crystal Growth</i> , 2021, 572, 126255.	0.7	1
21	Searching for New Polymorphs by Epitaxial Growth. <i>Journal of Physical Chemistry C</i> , 2021, 125, 618-626.	1.5	10
22	Automatic indexing of two-dimensional patterns in reciprocal space. <i>Physical Review B</i> , 2021, 104, .	1.1	4
23	Phase Transition toward a Thermodynamically Less Stable Phase: Cross-Nucleation due to Thin Film Growth of a Benzothieno-benzothiophene Derivative. <i>Journal of Physical Chemistry C</i> , 2021, 125, 28039-28047.	1.5	6
24	Structural Order in Cellulose Thin Films Prepared from a Trimethylsilyl Precursor. <i>Biomacromolecules</i> , 2020, 21, 653-659.	2.6	14
25	Unraveling the Origin of High-Efficiency Photoluminescence in Mixed-Stack Isostructural Crystals of Organic Charge-Transfer Complex: Fine-Tuning of Isometric Donorâ€“Acceptor Pairs. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20377-20387.	1.5	10
26	Initial Growth and Crystallization Onset of Plasma Enhanced-Atomic Layer Deposited ZnO. <i>Crystals</i> , 2020, 10, 291.	1.0	7
27	An efficient method for indexing grazing-incidence X-ray diffraction data of epitaxially grown thin films. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2020, 76, 345-357.	0.0	8
28	Crossed 2D versus Slipped 1D $\hat{I}\pm$ -stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. <i>Advanced Optical Materials</i> , 2019, 7, 1900749.	3.6	13
29	Vapour-phase deposition of oriented copper dicarboxylate metalâ€“organic framework thin films. <i>Chemical Communications</i> , 2019, 55, 10056-10059.	2.2	64
30	Epitaxial Order Driven by Surface Corrugation: Quinquephenyl Crystals on a Cu(110)-(2 $\hat{A}$ –1)O Surface. <i>Crystals</i> , 2019, 9, 373.	1.0	3
31	Impact of the Ink Formulation and Coating Speed on the Polymorphism and Morphology of a Solutionâ€“sheared Thin Film of a Blended Organic Semiconductor. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900950.	1.9	18
32	Dependence of material properties and photovoltaic performance of triple cation tin perovskites on the iodide to bromide ratio. <i>Monatshefte FÃ¼r Chemie</i> , 2019, 150, 1921-1927.	0.9	10
33	Alkyl chain assisted thin film growth of 2,7-dioctyloxy-benzothienobenzothiophene. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8477-8484.	2.7	11
34	Annealing Behavior with Thickness Hindered Nucleation in Small-Molecule Organic Semiconductor Thin Films. <i>Crystal Growth and Design</i> , 2019, 19, 3777-3784.	1.4	2
35	Biaxial growth of pentacene on rippled silica surfaces studied by rotating grazing incidence X-ray diffraction. <i>Journal of Crystal Growth</i> , 2019, 519, 69-76.	0.7	3
36	Multilayer Density Analysis of Cellulose Thin Films. <i>Frontiers in Chemistry</i> , 2019, 7, 251.	1.8	7

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37	Photovoltaic properties of a triple cation methylammonium/formamidinium/phenylethylammonium tin iodide perovskite. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9523-9529.	5.2	31
38	In Situ Formation of TiB <sub>2</sub> in Fe-B System with Titanium Addition and Its Influence on Phase Composition, Sintering Process and Mechanical Properties. <i>Materials</i> , 2019, 12, 4188.	1.3	1
39	Crystalline Molybdenum Oxide Layers as Efficient and Stable Hole Contacts in Organic Photovoltaic Devices. <i>ACS Applied Energy Materials</i> , 2019, 2, 420-427.	2.5	26
40	Influence of the Iodide to Bromide Ratio on Crystallographic and Optoelectronic Properties of Rubidium Antimony Halide Perovskites. <i>ACS Applied Energy Materials</i> , 2019, 2, 539-547.	2.5	28
41	Indexing grazing-incidence X-ray diffraction patterns of thin films: lattices of higher symmetry. <i>Journal of Applied Crystallography</i> , 2019, 52, 428-439.	1.9	14
42	<i>GIDVis</i>: a comprehensive software tool for geometry-independent grazing-incidence X-ray diffraction data analysis and pole-figure calculations. <i>Journal of Applied Crystallography</i> , 2019, 52, 683-689.	1.9	60
43	Substrate-Induced Phase of a Benzothiophene Derivative Detected by Mid-Infrared and Lattice Phonon Raman Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 993-1000.	1.0	8
44	Characterization of Surface and Structure of In Situ Doped Sol-Gel-Derived Silicon Carbide. <i>Advanced Engineering Materials</i> , 2018, 20, 1701067.	1.6	8
45	The effect of polymer molecular weight on the performance of PTB7-Th:O-IDTBR non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9506-9516.	5.2	76
46	Accessing Phase-Pure and Stable Acetaminophen Polymorphs by Thermal Gradient Crystallization. <i>Crystal Growth and Design</i> , 2018, 18, 1272-1277.	1.4	8
47	Tuning of material properties of ZnO thin films grown by plasma-enhanced atomic layer deposition at room temperature. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, .	0.9	35
48	Diketopyrrolopyrrole latent pigment-based bilayer solar cells. <i>Organic Photonics and Photovoltaics</i> , 2018, 6, 8-16.	1.3	5
49	Embedded Dipole Self-Assembled Monolayers for Contact Resistance Tuning in p-Type and n-Type Organic Thin Film Transistors and Flexible Electronic Circuits. <i>Advanced Functional Materials</i> , 2018, 28, 1804462.	7.8	66
50	New Quadratic Self-Assembly of Double-Decker Phthalocyanine on Gold(111) Surface: From Macroscopic to Microscopic Scale. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26480-26488.	1.5	6
51	Stabilization of the Metastable Form I of Piracetam by Crystallization on Silicon Oxide Surfaces. <i>Crystal Growth and Design</i> , 2018, 18, 4123-4129.	1.4	4
52	Indexing of grazing-incidence X-ray diffraction patterns: the case of fibre-textured thin films. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, 373-387.	0.0	19
53	Polymorphism of terthiophene with surface confinement. <i>IUCr</i> , 2018, 5, 304-308.	1.0	11
54	Epitaxial NiWO <sub>4</sub> films on Ni(110): Experimental and theoretical study of surface stability. <i>Surface Science</i> , 2017, 659, 20-30.	0.8	12

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55	Reversibility of temperature driven discrete layer-by-layer formation of dioctyl-benzothieno-benzothiophene films. <i>Soft Matter</i> , 2017, 13, 2322-2329.	1.2	22
56	Synthesis of a conjugated pyrrolopyridazinedione-benzodithiophene (PPD-BDT) copolymer and its application in organic and hybrid solar cells. <i>Monatshefte für Chemie</i> , 2017, 148, 855-862.	0.9	10
57	Crystal alignment of caffeine deposited onto single crystal surfaces via hot-wall epitaxy. <i>CrystEngComm</i> , 2017, 19, 2936-2945.	1.3	4
58	Self-Limited Growth in Pentacene Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11977-11984.	4.0	17
59	Quasi-one-dimensional cyano-phenylene aggregates: Uniform molecule alignment contrasts varying electrostatic surface potential. <i>Journal of Chemical Physics</i> , 2017, 146, 134704.	1.2	2
60	Solution of an elusive pigment crystal structure from a thin film: a combined X-ray diffraction and computational study. <i>CrystEngComm</i> , 2017, 19, 1902-1911.	1.3	15
61	A latent pigment strategy for robust active layers in solution-processed, complementary organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11522-11531.	2.7	11
62	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3690-3695.	2.1	42
63	The entangled triplet pair state in acene and heteroacene materials. <i>Nature Communications</i> , 2017, 8, 15953.	5.8	171
64	Growth, structure and stability of sputter-deposited MoS <sub>2</sub> thin films. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1115-1126.	1.5	44
65	Highly Luminescent 2D-Type Slab Crystals Based on a Molecular Charge-Transfer Complex as Promising Organic Light-Emitting Transistor Materials. <i>Advanced Materials</i> , 2017, 29, 1701346.	11.1	111
66	Crystallization of Tyrian purple (6,6-dibromoindigo) thin films: The impact of substrate surface modifications. <i>Journal of Crystal Growth</i> , 2016, 447, 73-79.	0.7	4
67	Polymorphism and Amplified Spontaneous Emission in a Dicyano-Distyrylbenzene Derivative with Multiple Trifluoromethyl Substituents: Intermolecular Interactions in Play. <i>Advanced Functional Materials</i> , 2016, 26, 2349-2356.	7.8	46
68	Deposition kinetics and characterization of stable ionomers from hexamethyldisiloxane and methacrylic acid by plasma enhanced chemical vapor deposition. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	7
69	Evolution of the substructure of a novel 12% Cr steel under creep conditions. <i>Materials Characterization</i> , 2016, 115, 23-31.	1.9	42
70	Surface-Induced Phase of Tyrian Purple (6,6-Dibromoindigo): Thin Film Formation and Stability. <i>Crystal Growth and Design</i> , 2016, 16, 3647-3655.	1.4	15
71	Multiple scattering in grazing-incidence X-ray diffraction: impact on lattice-constant determination in thin films. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 729-734.	1.0	31
72	Substrate-Induced and Thin-Film Phases: Polymorphism of Organic Materials on Surfaces. <i>Advanced Functional Materials</i> , 2016, 26, 2233-2255.	7.8	221

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73	Mixed side-chain geometries for aggregation control of poly(fluorene-alt-bithiophene) and their effects on photophysics and charge transport. <i>Synthetic Metals</i> , 2016, 220, 162-173.	2.1	8
74	Dynamic Studies on the Response to Humidity of Poly (2-hydroxyethyl methacrylate) Hydrogels Produced by Initiated Chemical Vapor Deposition. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2372-2379.	1.1	32
75	Adsorption, desorption, and film formation of quinacridone and its thermal cracking product indigo on clean and carbon-covered silicon dioxide surfaces. <i>Journal of Chemical Physics</i> , 2016, 145, 094702.	1.2	6
76	Crystallization of Carbamazepine in Proximity to Its Precursor Iminostilbene and a Silica Surface. <i>Crystal Growth and Design</i> , 2016, 16, 2771-2778.	1.4	12
77	Thin Film Phase and Local Chirality of Surface-Bound MOP4 Nanofibers. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7653-7661.	1.5	11
78	PECVD of carbon by inverted fireballs: From sputtering, bias enhanced nucleation to deposition. <i>Diamond and Related Materials</i> , 2016, 65, 96-104.	1.8	11
79	Surface Reconstructions in Organic Crystals: Simulations of the Effect of Temperature and Defectivity on Bulk and (001) Surfaces of 2,2,6,6-Tetraphthalene. <i>Crystal Growth and Design</i> , 2016, 16, 412-422.	1.4	7
80	Thermal Stability and Molecular Ordering of Organic Semiconductor Monolayers: Effect of an Anchor Group. <i>ChemPhysChem</i> , 2015, 16, 1712-1718.	1.0	3
81	One Polymorph and Various Morphologies of Phenytoin at a Silica Surface Due to Preparation Kinetics. <i>Crystal Growth and Design</i> , 2015, 15, 326-332.	1.4	8
82	Substrate-Induced Phase of a [1]Benzothieno[3,2- <i>b</i> ]benzothiophene Derivative and Phase Evolution by Aging and Solvent Vapor Annealing. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1868-1873.	4.0	54
83	Polymorphism of dioctyl-terthiophene within thin films: The role of the first monolayer. <i>Chemical Physics Letters</i> , 2015, 630, 12-17.	1.2	23
84	Interfacial Morphology and Effects on Device Performance of Organic Bilayer Heterojunction Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16161-16168.	4.0	19
85	Surface-Sensitive Approach to Interpreting Supramolecular Rearrangements in Cellulose by Synchrotron Grazing Incidence Small-Angle X-ray Scattering. <i>ACS Macro Letters</i> , 2015, 4, 713-716.	2.3	38
86	Complex Behavior of Caffeine Crystallites on Muscovite Mica Surfaces. <i>Crystal Growth and Design</i> , 2015, 15, 4563-4570.	1.4	10
87	Layered Nanostructures in Proton Conductive Polymers Obtained by Initiated Chemical Vapor Deposition. <i>Macromolecules</i> , 2015, 48, 6177-6185.	2.2	37
88	Idiosyncrasies of Physical Vapor Deposition Processes from Various Knudsen Cells for Quinacridone Thin Film Growth on Silicon Dioxide. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20900-20910.	1.5	8
89	Investigation on the formation of copper zinc tin sulphide nanoparticles from metal salts and dodecanethiol. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 94-98.	2.0	6
90	Growth of 1,6-hexithiophene nanostructures on C60 thin film layers. <i>Thin Solid Films</i> , 2014, 558, 165-169.	0.8	5

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91	Flexible polymer/copper indium sulfide hybrid solar cells and modules based on the metal xanthate route and low temperature annealing. <i>Solar Energy Materials and Solar Cells</i> , 2014, 124, 117-125.	3.0	35
92	Crystal structure determination of organic thin-films: the example of 2,2,6,6-tetracyano-1,4-dihydroquinone. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.4	8
93	Heteroepitaxy of Organic Nanofibers: Example of Ternaphthalene on <i>p</i> -Hexaphenyl. <i>Crystal Growth and Design</i> , 2014, 14, 5719-5728.	1.4	7
94	The Epitaxial Growth of Self-Assembled Ternaphthalene Fibers on Muscovite Mica. <i>Crystal Growth and Design</i> , 2014, 14, 442-449.	1.4	12
95	Performance enhancement of diindenoperylene-based organic photovoltaic cells by nanocolumn-arrays. <i>Organic Electronics</i> , 2014, 15, 2210-2217.	1.4	9
96	Distributed Bragg reflectors: Morphology of cellulose acetate and polystyrene multilayers. , 2014, , .		6
97	Film growth, adsorption and desorption kinetics of indigo on SiO <sub>2</sub> . <i>Journal of Chemical Physics</i> , 2014, 140, 184705.	1.2	22
98	Growth kinetics of individual Al-Cu intermetallic compounds. , 2014, , .		5
99	Substrate-induced phases: transition from a liquid-crystalline to a plastic crystalline phase via nucleation initiated by the substrate. <i>Liquid Crystals</i> , 2014, 41, 302-309.	0.9	9
100	X-ray Structural Investigation of Nonsymmetrically and Symmetrically Alkylated [1]Benzothieno[3,2- <i>b</i> ]benzothiophene Derivatives in Bulk and Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 13413-13421.	4.0	51
101	Experimental and theoretical electronic structure of quinacridone. <i>Physical Review B</i> , 2014, 90, .	1.1	70
102	Non-doped, blue-emitting, color-stable, organic light-emitting diode based on 2,2,6,6-tetracyano-1,4-dihydroquinone. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 731-735.	1.1	5
103	Effects of temperature on the polymorphism of 1,1'-diocetylterthiophene in thin films. <i>Journal of Crystal Growth</i> , 2014, 386, 128-134.	0.7	11
104	Effect of thermal annealing in vacuum on the photovoltaic properties of electrodeposited Cu <sub>2</sub> O-absorber solar cell. <i>EPJ Photovoltaics</i> , 2014, 5, 50301.	0.8	13
105	Photovoltaic properties of thin film heterojunctions with cupric oxide absorber. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, .	0.8	58
106	N-type Self-Assembled Monolayer Field-Effect Transistors and Complementary Inverters. <i>Advanced Functional Materials</i> , 2013, 23, 2016-2023.	7.8	58
107	A disordered layered phase in thin films of sexithiophene. <i>Chemical Physics Letters</i> , 2013, 574, 51-55.	1.2	36
108	X-ray based tools for the investigation of buried interfaces in organic electronic devices. <i>Organic Electronics</i> , 2013, 14, 479-487.	1.4	16

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109	Influence of the bridging atom in fluorene analogue low-bandgap polymers on photophysical and morphological properties of copper indium sulfide/polymer nanocomposite solar cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1400-1410.	2.4	12
110	Bi-axially aligned crystallites of a fluorene-bithiophene co-polymer. <i>European Polymer Journal</i> , 2013, 49, 177-183.	2.6	8
111	Surface Induced Order of Solution Processed Caffeine Needles on Silica and Muscovite Mica. <i>Crystal Growth and Design</i> , 2013, 13, 1322-1328.	1.4	10
112	Stimulated Emission Properties of Sterically Modified Distyrylbenzene-Based H-Aggregate Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1597-1602.	2.1	71
113	Organic Organic Heteroepitaxy The Method of Choice to Tune Optical Emission of Organic Nano-fibers?. <i>Springer Series in Materials Science</i> , 2013, , 49-78.	0.4	0
114	Model-Independent X-ray Reflectivity Fitting for Structure Analysis of Poly(3-hexylthiophene) Films. <i>Macromolecules</i> , 2013, 46, 3529-3533.	2.2	10
115	Gas sensing properties of novel CuO nanowire devices. <i>Sensors and Actuators B: Chemical</i> , 2013, 187, 50-57.	4.0	163
116	n-Type self-assembled monolayer field-effect transistors for flexible organic electronics. <i>Organic Electronics</i> , 2013, 14, 1297-1304.	1.4	27
117	Dynamics of Monolayer Island Transitions in 2,7-Dioctylbenzothienobenzothiophene Thin Films. <i>ChemPhysChem</i> , 2013, 14, 2554-2559.	1.0	26
118	Initial Steps of Rubicene Film Growth on Silicon Dioxide. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4115-4123.	1.5	23
119	Morphological and Structural Investigation of Sexithiophene Growth on KCl (100). <i>Crystal Growth and Design</i> , 2013, 13, 536-542.	1.4	21
120	Morphological and structural investigation of $\hat{\pm}$ -sexithiophene grown on KCl (100). , 2013, , .		1
121	White fluorescent nano-fibers prepared by periodic organic hetero-epitaxy. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
122	Effect of AZO Substrates on Self-Seeded Electrochemical Growth of Vertically Aligned ZnO Nanorod Arrays and Their Optical Properties. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-14.	1.5	10
123	Stimulated Resonance Raman Scattering and Laser Oscillation in Highly Emissive Distyrylbenzene-Based Molecular Crystals. <i>Advanced Materials</i> , 2012, 24, 6473-6478.	11.1	62
124	N-type self-assembled monolayer field-effect transistors. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
125	Ferromagnetic decoration in metal-semiconductor separated and ferrocene functionalized single-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2323-2327.	0.7	5
126	Crystallisation kinetics in thin films of dihexyl-terthiophene: the appearance of polymorphic phases. <i>RSC Advances</i> , 2012, 2, 4404.	1.7	64



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127	Substrate selected polymorphism of epitaxially aligned tetraphenyl-porphyrin thin films. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 262-272.	1.3	17
128	Alternately deposited heterostructures of 1,4-sexithiophene/para-hexaphenyl on muscovite mica(001) surfaces: crystallographic structure and morphology. <i>Journal of Materials Chemistry</i> , 2012, 22, 15316.	6.7	15
129	Color Tuning of Nanofibers by Periodic Organic/Organic Hetero-Epitaxy. <i>ACS Nano</i> , 2012, 6, 4629-4638.	7.3	35
130	Interface Induced Crystal Structures of Dioctyl-Terthiophene Thin Films. <i>Langmuir</i> , 2012, 28, 8530-8536.	1.6	22
131	Crystallization of pentacene thin films on polymeric dielectrics. <i>Synthetic Metals</i> , 2012, 161, 2598-2602.	2.1	8
132	Copper zinc tin sulfide layers prepared from solution processable metal dithiocarbamate precursors. <i>Materials Chemistry and Physics</i> , 2012, 136, 582-588.	2.0	17
133	Diffusion of Ag into Organic Semiconducting Materials: A Combined Analytical Study Using Transmission Electron Microscopy and X-ray Reflectivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5608-5612.	4.0	22
134	Mechanism of surface proton transfer doping in pentacene based organic thin-film transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 181-192.	0.8	14
135	Exploring the rearrangement of amorphous cellulose model thin films upon heat treatment. <i>Soft Matter</i> , 2012, 8, 9807.	1.2	76
136	Structural characterisation of alkyl amine-capped zinc sulphide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 154-159.	5.0	16
137	X-ray radiation damage of organic semiconductor thin films during grazing incidence diffraction experiments. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2012, 284, 64-68.	0.6	24
138	Synthesis and characterization of copper zinc tin chalcogenide nanoparticles: Influence of reactants on the chemical composition. <i>Solar Energy Materials and Solar Cells</i> , 2012, 101, 87-94.	3.0	61
139	Grazing-incidence in-plane X-ray diffraction on ultra-thin organic films using standard laboratory equipment. <i>Journal of Applied Crystallography</i> , 2012, 45, 367-370.	1.9	18
140	Solution-Processable Septithiophene Monolayer Transistor. <i>Advanced Materials</i> , 2012, 24, 973-978.	11.1	56
141	Crystal growth of para-sexiphenyl on clean and oxygen reconstructed Cu(110) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14675.	1.3	35
142	Epitaxy of Rodlike Organic Molecules on Sheet Silicates: A Growth Model Based on Experiments and Simulations. <i>Journal of the American Chemical Society</i> , 2011, 133, 3056-3062.	6.6	61
143	Epitaxially Grown Films of Standing and Lying Pentacene Molecules on Cu(110) Surfaces. <i>Crystal Growth and Design</i> , 2011, 11, 1015-1020.	1.4	39
144	Infrared Emitting and Photoconducting Colloidal Silver Chalcogenide Nanocrystal Quantum Dots from a Silylamide-Promoted Synthesis. <i>ACS Nano</i> , 2011, 5, 3758-3765.	7.3	164

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308	Transport properties in Hf(FexCo <sub>1-x</sub> ) <sub>2</sub> compounds. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1918-1920.	1.0	7
309	Interfacing in Highly Luminescent Organic Charge-Transfer Co-Crystals. , 0, , .		0
310	Molecular Packing of Phenoxazine: A Combined Single-Crystal/Crystal Structure Prediction Study. Crystal Growth and Design, 0, , .	1.4	1