

# Frank Schreiber

## List of Publications by Citations

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351  
papers

15,608  
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60  
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113  
g-index

366  
ext. papers

17,072  
ext. citations

5.4  
avg, IF

6.78  
L-index

#	Paper	IF	Citations
351	Structure and growth of self-assembling monolayers. <i>Progress in Surface Science</i> , <b>2000</b> , 65, 151-257	6.6	2094
350	Perovskite solar cells with CuSCN hole extraction layers yield stabilized efficiencies greater than 20. <i>Science</i> , <b>2017</b> , 358, 768-771	33.3	1030
349	Step-by-step route for the synthesis of metal-organic frameworks. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 15118-9	16.4	707
348	Ultrahydrophobic 3D/2D fluoroarene bilayer-based water-resistant perovskite solar cells with efficiencies exceeding 22. <i>Science Advances</i> , <b>2019</b> , 5, eaaw2543	14.3	362
347	Self-assembled monolayers: from simple model systems to biofunctionalized interfaces. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, R881-R900	1.8	300
346	Organic molecular beam deposition: Growth studies beyond the first monolayer. <i>Physica Status Solidi A</i> , <b>2004</b> , 201, 1037-1054		243
345	Protein interactions studied by SAXS: effect of ionic strength and protein concentration for BSA in aqueous solutions. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 251-9	3.4	221
344	PTCDA on Au(1 1 1), Ag(1 1 1) and Cu(1 1 1): Correlation of interface charge transfer to bonding distance. <i>Organic Electronics</i> , <b>2008</b> , 9, 111-118	3.5	206
343	Interaction of Water with Self-Assembled Monolayers: Neutron Reflectivity Measurements of the Water Density in the Interface Region. <i>Langmuir</i> , <b>2003</b> , 19, 2284-2293	4	204
342	Impact of bidirectional charge transfer and molecular distortions on the electronic structure of a metal-organic interface. <i>Physical Review Letters</i> , <b>2007</b> , 99, 256801	7.4	186
341	Real-time observation of structural and orientational transitions during growth of organic thin films. <i>Physical Review Letters</i> , <b>2006</b> , 96, 125504	7.4	184
340	Charged and metallic molecular monolayers through surface-induced aromatic stabilization. <i>Nature Chemistry</i> , <b>2013</b> , 5, 187-94	17.6	176
339	Protein self-diffusion in crowded solutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 11815-20	11.5	169
338	High Fill Factor and Open Circuit Voltage in Organic Photovoltaic Cells with Diindenoperylene as Donor Material. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 4295-4303	15.6	163
337	Rapid roughening in thin film growth of an organic semiconductor (diindenoperylene). <i>Physical Review Letters</i> , <b>2003</b> , 90, 016104	7.4	160
336	Reentrant condensation of proteins in solution induced by multivalent counterions. <i>Physical Review Letters</i> , <b>2008</b> , 101, 148101	7.4	159
335	Adsorption mechanisms, structures, and growth regimes of an archetypal self-assembling system: Decanethiol on Au(111). <i>Physical Review B</i> , <b>1998</b> , 57, 12476-12481	3.3	154

334	On the structure and evolution of the buried S/Au interface in self-assembled monolayers: X-ray standing wave results. <i>Surface Science</i> , <b>1998</b> , 412-413, 213-235	1.8	148
333	Adsorption-induced intramolecular dipole: correlating molecular conformation and interface electronic structure. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7300-4	16.4	138
332	High structural order in thin films of the organic semiconductor diindenoperylene. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 2276-2278	3.4	131
331	In situ studies of morphology, strain, and growth modes of a molecular organic thin film. <i>Physical Review B</i> , <b>1997</b> , 56, 3046-3053	3.3	128
330	Structure and growth of 4-methyl-4'-mercaptobiphenyl monolayers on Au(111): a surface diffraction study. <i>Surface Science</i> , <b>2000</b> , 458, 34-52	1.8	125
329	Optical properties of pentacene and perfluoropentacene thin films. <i>Journal of Chemical Physics</i> , <b>2007</b> , 127, 194705	3.9	119
328	Organic-organic heterostructures: concepts and applications. <i>ChemPhysChem</i> , <b>2012</b> , 13, 628-43	3.2	116
327	Stabilization of Highly Efficient and Stable Phase-Pure FAPbI Perovskite Solar Cells by Molecularly Tailored 2D-Overlayers. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15688-15694	16.4	115
326	Interplay between morphology, structure, and electronic properties at diindenoperylene-gold interfaces. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	112
325	Morphology and Thermal Stability of Metal Contacts on Crystalline Organic Thin Films. <i>Advanced Materials</i> , <b>2002</b> , 14, 961-963	24	111
324	Gilbert damping and g-factor in Fe <sub>x</sub> Co <sub>1-x</sub> alloy films. <i>Solid State Communications</i> , <b>1995</b> , 93, 965-968	1.6	110
323	Thermally induced failure mechanisms of organic light emitting device structures probed by X-ray specular reflectivity. <i>Chemical Physics Letters</i> , <b>1997</b> , 277, 521-526	2.5	102
322	1,6-Hexanedithiol Monolayers on Au(111): A Multitechnique Structural Study. <i>Langmuir</i> , <b>2000</b> , 16, 549-561	4	97
321	Universality of protein reentrant condensation in solution induced by multivalent metal ions. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2010</b> , 78, 3450-7	4.2	93
320	Substrate-dependent bonding distances of PTCDA: A comparative x-ray standing-wave study on Cu(111) and Ag(111). <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	93
319	Real-time observation of nonclassical protein crystallization kinetics. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 1485-91	16.4	92
318	Adsorption-induced distortion of F16CuPc on Cu(111) and Ag(111): An x-ray standing wave study. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	92
317	Structure and growth morphology of an archetypal system for organic epitaxy: PTCDA on Ag(111). <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	91

316	High-mobility copper-phthalocyanine field-effect transistors with tetratetracontane passivation layer and organic metal contacts. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 094503	2.5	88
315	Organic molecular beam deposition: fundamentals, growth dynamics, and in situ studies. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 184005	1.8	86
314	Protein-protein interactions in ovalbumin solutions studied by small-angle scattering: effect of ionic strength and the chemical nature of cations. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 3776-83	3.4	84
313	Magnetic anisotropies of sputtered Fe films on MgO substrates. <i>Physical Review B</i> , <b>1995</b> , 52, 13450-13458	3.3	84
312	Exciton-phonon coupling in diindenoperylene thin films. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	82
311	Interplay of pH and binding of multivalent metal ions: charge inversion and reentrant condensation in protein solutions. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 5777-87	3.4	80
310	Ion-activated attractive patches as a mechanism for controlled protein interactions. <i>Scientific Reports</i> , <b>2014</b> , 4, 7016	4.9	78
309	Viscosity and diffusion: crowding and salt effects in protein solutions. <i>Soft Matter</i> , <b>2012</b> , 8, 1404-1419	3.6	78
308	Thermal stability and partial dewetting of crystalline organic thin films: 3,4,9,10-perylenetetracarboxylic dianhydride on Ag(111). <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 3429-3435	3.9	76
307	Structure and electronic properties of CH <sub>3</sub> - and CF <sub>3</sub> -terminated alkanethiol monolayers on Au(): a scanning tunneling microscopy, surface X-ray and helium scattering study. <i>Surface Science</i> , <b>2002</b> , 498, 89-104	1.8	76
306	Hydration and interactions in protein solutions containing concentrated electrolytes studied by small-angle scattering. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 2483-93	3.6	74
305	Molecular reorganization in organic field-effect transistors and its effect on two-dimensional charge transport pathways. <i>ACS Nano</i> , <b>2013</b> , 7, 1257-64	16.7	72
304	Real-time changes in the optical spectrum of organic semiconducting films and their thickness regimes during growth. <i>Physical Review Letters</i> , <b>2010</b> , 104, 257401	7.4	72
303	Nanoscale spectroscopic imaging of organic semiconductor films by plasmon-polariton coupling. <i>Physical Review Letters</i> , <b>2010</b> , 104, 056601	7.4	72
302	Voc from a Morphology Point of View: the Influence of Molecular Orientation on the Open Circuit Voltage of Organic Planar Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 26462-26470	3.8	71
301	Morphology and interdiffusion behavior of evaporated metal films on crystalline diindenoperylene thin films. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 5201-5209	2.5	71
300	Growth kinetics of decanethiol monolayers self-assembled on Au(111) by molecular beam deposition: An atomic beam diffraction study. <i>Surface Science</i> , <b>1999</b> , 423, 208-224	1.8	71
299	Charge-controlled metastable liquid-liquid phase separation in protein solutions as a universal pathway towards crystallization. <i>Soft Matter</i> , <b>2012</b> , 8, 1313-1316	3.6	70

298	Photoluminescence spectroscopy of pure pentacene, perfluoropentacene, and mixed thin films. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 054701	3.9	70
297	Spin-orbit-coupling effects on g-value and damping factor of the ferromagnetic resonance in Co and Fe films. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S451-S463	1.8	70
296	Temperature dependence of the 2D-3D transition in the growth of PTCDA on Ag(111): A real-time X-ray and kinetic Monte Carlo study. <i>Europhysics Letters</i> , <b>2004</b> , 65, 372-378	1.6	70
295	Unravelling the multilayer growth of the fullerene C60 in real time. <i>Nature Communications</i> , <b>2014</b> , 5, 5388	17.4	67
294	Structure, morphology, and growth dynamics of perfluoro-pentacene thin films. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2008</b> , 2, 120-122	2.5	65
293	Influence of intramolecular polar bonds on interface energetics in perfluoro-pentacene on Ag(111). <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	63
292	Real-time observation of oxidation and photo-oxidation of rubrene thin films by spectroscopic ellipsometry. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 131911	3.4	61
291	Mixed crystalline films of co-evaporated hydrogen- and fluorine-terminated phthalocyanines and their application in photovoltaic devices. <i>Organic Electronics</i> , <b>2009</b> , 10, 1259-1267	3.5	59
290	Anisotropic optical properties of single crystalline PTCDA studied by spectroscopic ellipsometry. <i>Organic Electronics</i> , <b>2002</b> , 3, 23-31	3.5	59
289	The role of cluster formation and metastable liquid-liquid phase separation in protein crystallization. <i>Faraday Discussions</i> , <b>2012</b> , 159, 313	3.6	57
288	Controlled Molecular Alignment in Phthalocyanine Thin Films on Stepped Sapphire Surfaces. <i>Advanced Functional Materials</i> , <b>2002</b> , 12, 455-460	15.6	57
287	Impact of molecular quadrupole moments on the energy levels at organic heterojunctions. <i>Nature Communications</i> , <b>2019</b> , 10, 2466	17.4	56
286	Novel approach to controlled protein crystallization through ligandation of yttrium cations. <i>Journal of Applied Crystallography</i> , <b>2011</b> , 44, 755-762	3.8	53
285	Energy-dispersive X-ray reflectivity and GID for real-time growth studies of pentacene thin films. <i>Thin Solid Films</i> , <b>2007</b> , 515, 5606-5610	2.2	51
284	A portable ultrahigh vacuum organic molecular beam deposition system for in situ x-ray diffraction measurements. <i>Review of Scientific Instruments</i> , <b>2001</b> , 72, 1453	1.7	51
283	Robust singlet fission in pentacene thin films with tuned charge transfer interactions. <i>Nature Communications</i> , <b>2018</b> , 9, 954	17.4	50
282	Controlling the texture and crystallinity of evaporated lead phthalocyanine thin films for near-infrared sensitive solar cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 8505-15	9.5	49
281	Tuning the hole injection barrier height at organic/metal interfaces with (sub-) monolayers of electron acceptor molecules. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 101905	3.4	49

280	Structure and morphology of coevaporated pentacene-perfluoropentacene thin films. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 104702	3.9	48
279	Charge Separation at Molecular Donor-Acceptor Interfaces: Correlation Between Morphology and Solar Cell Performance. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2010</b> , 16, 1707-1717	3.8	48
278	Reentrant condensation, liquid-liquid phase separation and crystallization in protein solutions induced by multivalent metal ions. <i>Pure and Applied Chemistry</i> , <b>2014</b> , 86, 191-202	2.1	47
277	Exploring the bonding of large hydrocarbons on noble metals: Diindoperylene on Cu(111), Ag(111), and Au(111). <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	47
276	Protein density profile at the interface of water with oligo(ethylene glycol) self-assembled monolayers. <i>Langmuir</i> , <b>2009</b> , 25, 4056-64	4	47
275	Molecular semiconductor blends: Microstructure, charge carrier transport, and application in photovoltaic cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2009</b> , 206, 2683-2694	1.6	46
274	Protein cluster formation in aqueous solution in the presence of multivalent metal ions--a light scattering study. <i>Soft Matter</i> , <b>2014</b> , 10, 894-902	3.6	45
273	Gold nanoparticles decorated with oligo(ethylene glycol) thiols: protein resistance and colloidal stability. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 12229-37	2.8	45
272	On the question of two-step nucleation in protein crystallization. <i>Faraday Discussions</i> , <b>2015</b> , 179, 41-58	3.6	44
271	Air-stable, non-volatile resistive memory based on hybrid organic/inorganic nanocomposites. <i>Organic Electronics</i> , <b>2015</b> , 18, 17-23	3.5	43
270	Parallel fabrication of plasmonic nanocone sensing arrays. <i>Small</i> , <b>2013</b> , 9, 3987-92, 4088	11	43
269	Site-specific geometric and electronic relaxations at organic-metal interfaces. <i>Physical Review Letters</i> , <b>2010</b> , 105, 046103	7.4	43
268	Anomalous roughness evolution of rubrene thin films observed in real time during growth. <i>Physical Chemistry Chemical Physics</i> , <b>2006</b> , 8, 1834-6	3.6	43
267	Reorientational transition of the magnetic anisotropy in Co/Cr(001) superlattices. <i>Physical Review B</i> , <b>1996</b> , 53, 3256-3262	3.3	43
266	Cation-Induced Hydration Effects Cause Lower Critical Solution Temperature Behavior in Protein Solutions. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 7731-6	3.4	42
265	Kinetics of liquid-liquid phase separation in protein solutions exhibiting LCST phase behavior studied by time-resolved USAXS and VSANS. <i>Soft Matter</i> , <b>2016</b> , 12, 9334-9341	3.6	42
264	Geometric and Electronic Structure of Templated C60 on Diindenoperylene Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 1053-1058	3.8	42
263	Spin-wave resonance in high-conductivity films: The Fe-Co alloy system. <i>Physical Review B</i> , <b>1996</b> , 54, 6473-6480	3.6	42

262	Molecular doping in organic semiconductors: fully solution-processed, vacuum-free doping with metal-organic complexes in an orthogonal solvent. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12023-12030	7.1	41
261	Dynamics of proteins in solution. <i>Quarterly Reviews of Biophysics</i> , <b>2019</b> , 52,	7	41
260	Optical evidence for intermolecular coupling in mixed films of pentacene and perfluoropentacene. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	41
259	Orientalional ordering of nonplanar phthalocyanines on Cu(111): strength and orientation of the electric dipole moment. <i>Physical Review Letters</i> , <b>2011</b> , 106, 156102	7.4	41
258	Hydration of oligo(ethylene glycol) self-assembled monolayers studied using polarization modulation infrared spectroscopy. <i>Langmuir</i> , <b>2007</b> , 23, 970-4	4	41
257	Epitaxial Growth of an Organic p-n Heterojunction: C60 on Single-Crystal Pentacene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13499-505	9.5	40
256	Coupled organic-inorganic nanostructures (COIN). <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 97-111	3.6	39
255	Diffusion and dynamics of Iglobulin in crowded aqueous solutions. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 7203-9	3.4	39
254	Optical spectra obtained from amorphous films of rubrene: Evidence for predominance of twisted isomer. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 214507	3.9	39
253	Real-time studies of thin film growth: Measurement and analysis of X-ray growth oscillations beyond the anti-Bragg point. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 167, 11-18	2.3	39
252	Nucleation and Growth of Perfluoropentacene on Self-Assembled Monolayers: Significant Changes in Island Density and Shape with Surface Termination. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 20120-20129	3.8	38
251	Strongly Enhanced Thermal Stability of Crystalline Organic Thin Films Induced by Aluminum Oxide Capping Layers. <i>Advanced Materials</i> , <b>2004</b> , 16, 1750-1753	24	38
250	Quantifying Angular Correlations between the Atomic Lattice and the Superlattice of Nanocrystals Assembled with Directional Linking. <i>Nano Letters</i> , <b>2017</b> , 17, 3511-3517	11.5	36
249	Real-time X-ray diffraction measurements of structural dynamics and polymorphism in diindenoperylene growth. <i>Applied Physics A: Materials Science and Processing</i> , <b>2009</b> , 95, 233-239	2.6	36
248	Hierarchical molecular dynamics of bovine serum albumin in concentrated aqueous solution below and above thermal denaturation. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 4645-55	3.6	35
247	Protein diffusion in crowded electrolyte solutions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2010</b> , 1804, 68-75	4	35
246	Characterisation of morphology of self-assembled PEG monolayers: a comparison of mixed and pure coatings optimised for biosensor applications. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 1783-91	4.4	35
245	Perovskite-organic tandem solar cells with indium oxide interconnect.. <i>Nature</i> , <b>2022</b> , 604, 280-286	50.4	35



244	Strong optical anisotropies of F16CuPc thin films studied by spectroscopic ellipsometry. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 6335-6340	3.9	34
243	Formamidinium-Based Dion-Jacobson Layered Hybrid Perovskites: Structural Complexity and Optoelectronic Properties. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003428	15.6	34
242	Competing salt effects on phase behavior of protein solutions: tailoring of protein interaction by the binding of multivalent ions and charge screening. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 11365-744	7.4	33
241	Self-Metalation of 2H-Tetraphenylporphyrin on Cu(111) Studied with XSW: Influence of the Central Metal Atom on the Adsorption Distance. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 13659-13666	3.8	33
240	Crystal Grain Orientation in Organic Homo- and Heteroepitaxy of Pentacene and Perfluoropentacene Studied with X-ray Spectromicroscopy. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 13061-13067	3.8	33
239	Crowding-Controlled Cluster Size in Concentrated Aqueous Protein Solutions: Structure, Self- and Collective Diffusion. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 2590-2596	6.4	31
238	Evidence for kinetically limited thickness dependent phase separation in organic thin film blends. <i>Physical Review Letters</i> , <b>2013</b> , 110, 185506	7.4	31
237	On the coexistence of different polymorphs in organic epitaxy: $\alpha$ and $\beta$ phase of PTCDA on Ag(1 1 1). <i>Applied Surface Science</i> , <b>2001</b> , 175-176, 332-336	6.7	31
236	Evidence for Anisotropic Electronic Coupling of Charge Transfer States in Weakly Interacting Organic Semiconductor Mixtures. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8474-8486	16.4	30
235	Strong Isotope Effects on Effective Interactions and Phase Behavior in Protein Solutions in the Presence of Multivalent Ions. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 1731-1739	3.4	30
234	Monitoring Self-Assembly and Ligand Exchange of PbS Nanocrystal Superlattices at the Liquid/Air Interface in Real Time. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 739-744	6.4	30
233	Direct observation of conductive filament formation in Alq3 based organic resistive memories. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 075501	2.5	30
232	Impact of structural imperfections on the energy-level alignment in organic films. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	30
231	Organic semiconducting thin film growth on an organic substrate: 3,4,9,10-perylenetetracarboxylic dianhydride on a monolayer of decanethiol self-assembled on Au(111). <i>Physical Review B</i> , <b>2000</b> , 61, 7678-7685	3.7	30
230	Non-dipolar contributions in XPS detection of X-ray standing waves. <i>Surface Science</i> , <b>2001</b> , 486, L519-L523	2.3	30
229	Salt-Induced Universal Slowing Down of the Short-Time Self-Diffusion of a Globular Protein in Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 2577-82	6.4	29
228	Effective interactions in protein salt solutions approaching liquid-liquid phase separation. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 200, 20-27	6	29
227	Simultaneous in situ measurements of x-ray reflectivity and optical spectroscopy during organic semiconductor thin film growth. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 063301	3.4	29



226	Coverage dependent adsorption dynamics in hyperthermal organic thin film growth. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 124701	3.9	29
225	Strong anisotropies in MBE-grown Co/Cr(001): Ferromagnetic-resonance and magneto-optical Kerr-effect studies. <i>Physical Review B</i> , <b>1995</b> , 51, 2920-2929	3.3	29
224	Smoothing and coherent structure formation in organic-organic heterostructure growth. <i>Europhysics Letters</i> , <b>2010</b> , 91, 56002	1.6	28
223	Late growth stages and post-growth diffusion in organic epitaxy: PTCDA on Ag(111). <i>Surface Science</i> , <b>2004</b> , 572, 385-395	1.8	28
222	Optically induced electron transfer from conjugated organic molecules to charged metal clusters. <i>Thin Solid Films</i> , <b>2003</b> , 441, 145-149	2.2	28
221	Roadmap on organic/inorganic hybrid perovskite semiconductors and devices. <i>APL Materials</i> , <b>2021</b> , 9, 109202	5.7	28
220	Structure, transport and photoconductance of PbS quantum dot monolayers functionalized with a copper phthalocyanine derivative. <i>Chemical Communications</i> , <b>2017</b> , 53, 1700-1703	5.8	27
219	Multivalent ions and biomolecules: Attempting a comprehensive perspective. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1742-1767	3.2	27
218	Correlating Structure and Morphology to Device Performance of Molecular Organic Donor/Acceptor Photovoltaic Cells Based on Diindenoperylene (DIP) and C60. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 1075-1083	21.8	27
217	Tuning phase transitions of aqueous protein solutions by multivalent cations. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 27214-27225	3.6	27
216	Toward Conductive Mesocrystalline Assemblies: PbS Nanocrystals Cross-Linked with Tetrathiafulvalene Dicarboxylate. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 8105-8115	9.6	26
215	Growth of Competing Crystal Phases of Hexithiophene Studied by Real-Time in Situ X-ray Scattering. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 819-825	3.8	26
214	Dynamics of highly concentrated protein solutions around the denaturing transition. <i>Soft Matter</i> , <b>2012</b> , 8, 1628-1633	3.6	26
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58	Crystallization of 2D Hybrid Organic-Inorganic Perovskites Templated by Conductive Substrates. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009007	15.6	4
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