

# Serge Palacin

## List of Publications by Year in descending order

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146  
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8,580  
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53751

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45285

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149  
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149  
docs citations

149  
times ranked

11252  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Application of Diazonium-Induced Anchoring Process in the Fabrication of Micro-Electromechanical Systems. <i>Advanced Materials Technologies</i> , 2017, 2, 1700159.	3.0	10
2	Pulse potential deposition of thick polyvinylpyridine-like film on the surface of titanium nitride. <i>RSC Advances</i> , 2016, 6, 80825-80829.	1.7	13
3	On the chemical grafting of titanium nitride by diazonium chemistry. <i>RSC Advances</i> , 2015, 5, 50298-50305.	1.7	25
4	VUV grafting: an efficient method for 3D bulk patterning of polymer sheets. <i>Polymer Chemistry</i> , 2014, 5, 2990-2996.	1.9	6
5	Covalent Grafting of Chitosan onto Stainless Steel through Aryldiazonium Self-Adhesive Layers. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 9085-9092.	4.0	40
6	A H <sub>2</sub> -evolving photocathode based on direct sensitization of MoS <sub>3</sub> with an organic photovoltaic cell. <i>Energy and Environmental Science</i> , 2013, 6, 2706.	15.6	83
7	Grafting polyphenyl-like films on metallic surfaces using galvanic anodes. <i>RSC Advances</i> , 2013, 3, 13901.	1.7	5
8	Molecular engineering of a cobalt-based electrocatalytic nanomaterial for H <sub>2</sub> evolution under fully aqueous conditions. <i>Nature Chemistry</i> , 2013, 5, 48-53.	6.6	349
9	Polymer Grafting by Inkjet Printing: A Direct Chemical Writing Toolset. <i>Advanced Functional Materials</i> , 2013, 23, 3668-3674.	7.8	45
10	Effects of acid-treated silicon nanowires on hybrid solar cells performance. <i>Solar Energy Materials and Solar Cells</i> , 2013, 117, 632-637.	3.0	5
11	Nano-Electrochemistry and Nano-Electrografting with an Original Combined AFM-SECM. <i>Nanomaterials</i> , 2013, 3, 303-316.	1.9	9
12	Towards organic film passivation of germanium wafers using diazonium salts: Mechanism and ambient stability. <i>Chemical Science</i> , 2012, 3, 1662.	3.7	21
13	Relationship between polypyrrole morphology and electrochemical activity towards oxygen reduction reaction. <i>Chemical Communications</i> , 2012, 48, 4627.	2.2	75
14	Sequential Growth in Solution of NiFe Prussian Blue coordination network nanolayers on Si(100) surfaces. <i>Dalton Transactions</i> , 2012, 41, 1582-1590.	1.6	14
15	Spontaneous Grafting of Diazonium Salts: Chemical Mechanism on Metallic Surfaces. <i>Langmuir</i> , 2012, 28, 11767-11778.	1.6	142
16	A Janus cobalt-based catalytic material for electro-splitting of water. <i>Nature Materials</i> , 2012, 11, 802-807.	13.3	784
17	Conductive-probe AFM characterization of graphene sheets bonded to gold surfaces. <i>Applied Surface Science</i> , 2012, 258, 2920-2926.	3.1	35
18	Amino functionalized thin films prepared from Gabriel synthesis applied on electrografted diazonium salts. <i>Journal of Electroanalytical Chemistry</i> , 2012, 677-680, 127-132.	1.9	9

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19	Cyanide-bridged NiCr and alternate NiFe–NiCr magnetic ultrathin films on functionalized Si(100) surface. Dalton Transactions, 2012, 41, 4445.	1.6	10
20	Metal-Free Nitrogen-Containing Carbon Nanotubes Prepared from Triazole and Tetrazole Derivatives Show High Electrocatalytic Activity towards the Oxygen Reduction Reaction in Alkaline Media. ChemSusChem, 2012, 5, 647-651.	3.6	53
21	Force spectroscopy by dynamic atomic force microscopy on bovine serum albumin proteins changing the tip hydrophobicity, with piezoelectric tuning fork self-sensing scanning probe. Sensors and Actuators B: Chemical, 2012, 161, 775-783.	4.0	17
22	Scanning electrochemical microscopy as an etching tool for ITO patterning. Journal of Materials Chemistry, 2011, 21, 15962.	6.7	6
23	Electrochemical performance of annealed cobalt–benzotriazole/CNTs catalysts towards the oxygen reduction reaction. Physical Chemistry Chemical Physics, 2011, 13, 21600.	1.3	176
24	Tunable grafting of functional polymers onto carbon nanotubes using diazonium chemistry in aqueous media. Journal of Materials Chemistry, 2011, 21, 4615.	6.7	27
25	Ethanol-Mediated Metal Transfer Printing on Organic Films. ACS Applied Materials & Interfaces, 2011, 3, 740-745.	4.0	4
26	Charge Transfer Evidence between Carbon Nanotubes and Encapsulated Conjugated Oligomers. Journal of Physical Chemistry C, 2011, 115, 11898-11905.	1.5	48
27	Direct SECM Localized Electrografting of Vinylic Monomers on a Conducting Substrate. Chemistry of Materials, 2011, 23, 1396-1405.	3.2	27
28	Low-platinum and platinum-free catalysts for the oxygen reduction reaction at fuel cell cathodes. Energy and Environmental Science, 2011, 4, 1238.	15.6	805
29	Photoactivated surface grafting from PVDF surfaces. Applied Surface Science, 2011, 257, 9473-9479.	3.1	12
30	Grafting polymers to titania nanoparticles by radical polymerization initiated by diazonium salt. Journal of Materials Science, 2011, 46, 6332-6338.	1.7	40
31	Charge transfer in conjugated oligomers encapsulated into carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2560-2563.	0.7	4
32	Localized Ligand Induced Electroless Plating (LIEP) Process for the Fabrication of Copper Patterns Onto Flexible Polymer Substrates. Advanced Functional Materials, 2011, 21, 2096-2102.	7.8	79
33	3D Amino-Induced Electroless Plating: A Powerful Toolset for Localized Metallization on Polymer Substrates. ChemPhysChem, 2011, 12, 2973-2978.	1.0	10
34	Noncovalent Modification of Carbon Nanotubes with Pyrene-Functionalized Nickel Complexes: Carbon Monoxide Tolerant Catalysts for Hydrogen Evolution and Uptake. Angewandte Chemie - International Edition, 2011, 50, 1371-1374.	7.2	254
35	Catalytic activity of cobalt and iron phthalocyanines or porphyrins supported on different carbon nanotubes towards oxygen reduction reaction. Carbon, 2011, 49, 4839-4847.	5.4	270
36	–Versatile toolset– for DNA or protein immobilization: Toward a single-step chemistry. Applied Surface Science, 2011, 257, 3538-3546.	3.1	27

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37	Localized grafting through chemical lift-off. <i>Applied Surface Science</i> , 2011, 257, 7805-7812.	3.1	5
38	Multi-Walled Carbon Nanotube Based Sensors for Selective Detection of Chemical Pollutants. <i>Key Engineering Materials</i> , 2011, 495, 298-301.	0.4	1
39	Facile and tunable functionalization of carbon nanotube electrodes with ferrocene by covalent coupling and $\pi$ -stacking interactions and their relevance to glucose bio-sensing. <i>Journal of Electroanalytical Chemistry</i> , 2010, 641, 57-63.	1.9	87
40	Immobilization of FeFe hydrogenase mimics onto carbon and gold electrodes by controlled aryldiazonium salt reduction: an electrochemical, XPS and ATR-IR study. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 10790-10796.	3.8	47
41	Negative differential resistance in electrografted layer of N-(2-(4-diazoniophenyl)ethyl)-N-hexylnaphthalene-1,8:4,5-tetracarboxydiimide tetrafluoroborate on Si. <i>Chemical Physics Letters</i> , 2010, 493, 135-140.	1.2	12
42	Microscopic Study of a Ligand Induced Electroless Plating Process onto Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3043-3051.	4.0	42
43	ABS Polymer Electroless Plating through a One-Step Poly(acrylic acid) Covalent Grafting. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1177-1183.	4.0	98
44	Understanding the Redox-Induced Polymer Grafting Process: A Dual Surface-Solution Analysis. <i>Chemistry of Materials</i> , 2010, 22, 6229-6239.	3.2	48
45	Diazonium-induced anchoring process: an application to improve the monovalent selectivity of cation exchange membranes. <i>Journal of Materials Chemistry</i> , 2010, 20, 3750.	6.7	67
46	Electrical Conduction Properties of Molecular Ultrathin Layers in a Nanocontact. , 2010, , .		3
47	Growth and density control of nanometric nickel-iron cyanide-bridged objects on functionalized Si(100) surface. <i>Chemical Communications</i> , 2010, 46, 4327.	2.2	11
48	Localized Electrografting of Vinylic Monomers on a Conducting Substrate by Means of an Integrated Electrochemical AFM Probe. <i>ChemPhysChem</i> , 2009, 10, 1053-1057.	1.0	32
49	On the structure-properties relationship of the AMV anion exchange membrane. <i>Journal of Membrane Science</i> , 2009, 340, 133-140.	4.1	52
50	Agarose-based hydrogel as an electrografting cell. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 313-320.	1.5	7
51	Low-temperature growth of nano-structured silicon thin films on ITO initiated by metal catalysts. <i>Thin Solid Films</i> , 2009, 517, 6405-6408.	0.8	0
52	Selectivity of organic grafting as a function of the nature of semiconducting substrates. <i>Journal of Electroanalytical Chemistry</i> , 2009, 625, 97-100.	1.9	15
53	Comparison of two electrografting techniques for surface functionalization: Cathodic electrografting and surface-initiated atom transfer radical polymerization. <i>Journal of Electroanalytical Chemistry</i> , 2009, 629, 102-109.	1.9	9
54	Hybrid molecule-on-silicon nanoelectronics: Electrochemical processes for grafting and printing of monolayers. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009, 41, 325-344.	1.3	51

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55	Electrochemical-switchable polymer film: An emerging technique for treatment of metallic ion aqueous waste. <i>Separation and Purification Technology</i> , 2009, 69, 135-140.	3.9	20
56	Electrochemical behaviour of polyacrylic acid coated gold electrodes: An application to remove heavy metal ions from wastewater. <i>Electrochimica Acta</i> , 2009, 54, 6089-6093.	2.6	35
57	From Hydrogenases to Noble Metal-Free Catalytic Nanomaterials for H <sub>2</sub> Production and Uptake. <i>Science</i> , 2009, 326, 1384-1387.	6.0	886
58	Selective Electroless Copper Deposition on Self-Assembled Dithiol Monolayers. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 584-589.	4.0	52
59	Surface Homogeneity of Anion Exchange Membranes: A Chronopotentiometric Study in the Overlimiting Current Range. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5829-5836.	1.2	27
60	Surface Electroinitiated Emulsion Polymerization (SEEP): A Mechanistic Approach. <i>Chemistry of Materials</i> , 2009, 21, 4261-4274.	3.2	58
61	Orientation of Mn <sub>12</sub> molecular nanomagnets in self-assembled monolayers. <i>CrystEngComm</i> , 2009, 11, 2192.	1.3	9
62	Nanocomposite Thin Films for Surface Protection in Electrical Contact Applications. <i>IEEE Transactions on Components and Packaging Technologies</i> , 2009, 32, 358-364.	1.4	4
63	Electro-reduction of diazonium salts on gold: Why do we observe multi-peaks?. <i>Electrochimica Acta</i> , 2008, 53, 7117-7122.	2.6	72
64	Tribological and electrical study of fluorinated diazonium films as dry lubricants for electrical contacts. <i>Surface and Interface Analysis</i> , 2008, 40, 802-805.	0.8	8
65	Transition from thin gold layers to nano-islands on TCO for catalyzing the growth of one-dimensional nanostructures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 1429-1434.	0.8	11
66	Grafting organic polymer films on surfaces of carbon nanotubes by surface electroinitiated emulsion polymerization. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 1412-1418.	0.8	20
67	The in situ characterization and structuring of electrografted polyphenylene films on silicon surfaces. An AFM and XPS study. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 308-313.	5.0	14
68	Localized organic grafting on photosensitive semiconductors substrates. <i>Journal of Electroanalytical Chemistry</i> , 2008, 622, 238-241.	1.9	9
69	Electro-switchable surfaces for heavy metal waste treatment: Study of polyacrylic acid films grafted on gold surfaces. <i>Electrochemistry Communications</i> , 2008, 10, 699-703.	2.3	22
70	Fluorinated functionalized EDOT-based conducting films. <i>Electrochimica Acta</i> , 2008, 53, 3779-3788.	2.6	15
71	In situ generation of indium catalysts to grow crystalline silicon nanowires at low temperature on ITO. <i>Journal of Materials Chemistry</i> , 2008, 18, 5187.	6.7	81
72	Covalent grafting onto self-adhesive surfaces based on aryldiazonium salt seed layers. <i>Journal of Materials Chemistry</i> , 2008, 18, 5913.	6.7	65

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73	Local silicon doping as a promoter of patterned electrografting of diazonium for directed surface functionalization. <i>Journal of Materials Chemistry</i> , 2008, 18, 3136.	6.7	30
74	Grafting a Monolayer of Superparamagnetic Cyanide-Bridged Coordination Nanoparticles on Si(100). <i>Inorganic Chemistry</i> , 2008, 47, 1898-1900.	1.9	21
75	Formation of an Adherent Polyacrylonitrile/Carbon Nanotubes Composite Film onto a Polyacrylonitrile Brush Electrografted on Copper. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3404-3410.	0.9	5
76	Grafting Polymers on Surfaces: A New Powerful and Versatile Diazonium Salt-Based One-Step Process in Aqueous Media. <i>Chemistry of Materials</i> , 2007, 19, 6323-6330.	3.2	200
77	Carbon nanotubes/fluorinated polymers nanocomposite thin films for electrical contacts lubrication. <i>Surface Science</i> , 2007, 601, 3687-3692.	0.8	18
78	Monitoring the formation of TTF dimers by Na <sup>+</sup> complexation. <i>Chemical Communications</i> , 2006, , 2233.	2.2	93
79	Electron Transport through Rectifying Self-Assembled Monolayer Diodes on Silicon: A Fermi-Level Pinning at the Molecule-Metal Interface. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13947-13958.	1.2	76
80	Surface Electroinitiated Emulsion Polymerization: Grafted Organic Coatings from Aqueous Solutions. <i>Chemistry of Materials</i> , 2006, 18, 5421-5428.	3.2	74
81	Hybrid solar cells based on thin-film silicon and P3HT. <i>EPJ Applied Physics</i> , 2006, 36, 231-234.	0.3	39
82	Study of the simultaneous electro-initiated anionic polymerization of vinylic molecules. <i>Journal of Electroanalytical Chemistry</i> , 2006, 586, 62-71.	1.9	14
83	Cathodic electropolymerization on the surface of carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 589, 46-51.	1.9	7
84	Carbon-to-metal bonds: Electrochemical reduction of 2-butenenitrile. <i>Surface Science</i> , 2006, 600, 675-684.	0.8	43
85	Tetrathiafulvalene-based podands bearing one or two thiol functions: immobilization as self-assembled monolayers or polymer films, and recognition properties. <i>Tetrahedron</i> , 2006, 62, 4419-4425.	1.0	18
86	Directed Organic Grafting on Locally Doped Silicon Substrates. <i>ChemPhysChem</i> , 2005, 6, 70-74.	1.0	21
87	A new approach to grafting a monolayer of oriented Mn <sub>12</sub> nanomagnets on silicon. <i>Chemical Communications</i> , 2005, , 2020.	2.2	75
88	Ultrahigh vacuum deposition of CdSe nanocrystals on surfaces by pulse injection. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 7565-7579.	0.7	21
89	Mask-free Localized Grafting of Organic Polymers at the Micrometer or Submicrometer Scale on Composite Conductors or Semiconductor Substrates. <i>Advanced Functional Materials</i> , 2004, 14, 125-132.	7.8	18
90	Molecule-to-Metal Bonds: Electrografting Polymers on Conducting Surfaces. <i>ChemPhysChem</i> , 2004, 5, 1468-1481.	1.0	121

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91	Versatility of Aqueous Micellar Solutions for Self-Assembled Monolayers Engineering. <i>Langmuir</i> , 2004, 20, 11577-11582.	1.6	5
92	Immobilization of Biomolecules on Electrodes Modified by Electrografted Films. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13042-13046.	1.2	22
93	Univocal Demonstration of the Electrochemically Mediated Binding of Pb <sup>2+</sup> by a Modified Surface Incorporating a TTF-Based Redox-Switchable Ligand. <i>Journal of the American Chemical Society</i> , 2004, 126, 12194-12195.	6.6	83
94	Electropolymerized poly-4-vinylpyridine for removal of copper from wastewater. <i>Applied Surface Science</i> , 2003, 212-213, 792-796.	3.1	33
95	Direct comparison of the electronic coupling efficiency of sulfur and selenium alligator clips for molecules adsorbed onto gold electrodes. <i>Applied Surface Science</i> , 2003, 212-213, 446-451.	3.1	31
96	Evidence of the Key Role of Metal-Molecule Bonding in Metal-Molecule-Metal Transport Experiments. <i>Physical Review Letters</i> , 2003, 91, 096802.	2.9	81
97	Disulfide- and Thiol-Incorporating Copper Catenanes: Synthesis, Deposition onto Gold, and Surface Studies. <i>Chemistry - A European Journal</i> , 2002, 8, 2153.	1.7	85
98	Direct comparison of the electronic coupling efficiency of sulfur and selenium anchoring groups for molecules adsorbed onto gold electrodes. <i>Chemical Physics</i> , 2002, 281, 325-332.	0.9	68
99	Covalent Anchoring of Phthalocyanines on Silicon Dioxide Surfaces: Building up Mono- and Multilayers. <i>Langmuir</i> , 2001, 17, 1928-1935.	1.6	27
100	Investigation of Nanoelectrodes by Transmission Electron Microscopy. <i>Materials Research Society Symposia Proceedings</i> , 2001, 676, 691.	0.1	0
101	Study of the polymers obtained by electroreduction of methacrylonitrile. <i>Journal of Electroanalytical Chemistry</i> , 2001, 505, 33-43.	1.9	12
102	Permeation through Lipid Bilayers by Adhesion of Giant Vesicles on Decorated Surfaces. <i>Langmuir</i> , 2000, 16, 6801-6808.	1.6	26
103	Phthalocyanines in Langmuir and Langmuir-Blodgett films: from molecular design to supramolecular architecture. <i>Advances in Colloid and Interface Science</i> , 2000, 87, 165-181.	7.0	55
104	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 36, 259-266.	1.6	20
105	Grafting Ruthenium Phthalocyanine on Gold and Silica: Using Apical Ligands as Linkers. <i>Langmuir</i> , 2000, 16, 1770-1776.	1.6	23
106	Self-Assembled Mono- and Multilayers on Gold from 1,4-Diisocyanobenzene and Ruthenium Phthalocyanine. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10489-10495.	1.2	51
107	Synthesis and Langmuir-Blodgett studies of silicon-phthalocyanine oligomers: Potential templates for organizing electroactive monomers. <i>Synthetic Metals</i> , 1999, 102, 1521-1522.	2.1	3
108	Experimental investigations of the electrical transport properties of dodecanethiol and bithiolterthiophene molecules embedded in metal-molecule-metal junctions. <i>Nanotechnology</i> , 1999, 10, 8-13.	1.3	43

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109	Electron transport through a metal-molecule-metal junction. <i>Physical Review B</i> , 1999, 59, 12505-12513.	1.1	549
110	Langmuir-Blodgett films of thiol-capped gold nanoclusters: fabrication and electrical properties. <i>Thin Solid Films</i> , 1998, 327-329, 515-519.	0.8	56
111	Comparison of two means of attachment of an organometallic acid on gold surfaces by combining X-ray photoelectron spectroscopy and IR reflection spectroscopy. <i>Chemical Communications</i> , 1998, , 1727-1728.	2.2	7
112	Selective Deposition of Langmuir-Blodgett Films of a Phthalocyanine onto Patterned Substrates. <i>Langmuir</i> , 1998, 14, 3967-3970.	1.6	15
113	Hydrogen-Bonded Tapes Based on Symmetrically Substituted Diketopiperazines: A Robust Structural Motif for the Engineering of Molecular Solids. <i>Journal of the American Chemical Society</i> , 1997, 119, 11807-11816.	6.6	120
114	Crystalline Mono- and Multilayer Self-Assemblies of Oligothiophenes at the Air-Water Interface. <i>Chemistry - A European Journal</i> , 1997, 3, 930-939.	1.7	15
115	Supramolecular Architecture in Langmuir-Blodgett Films. , 1997, , 141-152.		0
116	Patterning with Magnetic Materials at the Micron Scale. <i>Chemistry of Materials</i> , 1996, 8, 1316-1325.	3.2	104
117	High In-Plane Anisotropy in Phthalocyanine LB Films. <i>Langmuir</i> , 1996, 12, 6473-6479.	1.6	40
118	High speed layer by layer patterning of phthalocyanine Langmuir-Blodgett films by the atomic force microscope. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1996, 14, 3381.	1.6	23
119	Nitrogen dioxide detection using low-conducting Langmuir-Blodgett films. <i>Sensors and Actuators B: Chemical</i> , 1995, 26, 140-143.	4.0	8
120	Supramolecular architecture in Langmuir-Blodgett films - molecular thick conducting membranes. <i>Synthetic Metals</i> , 1995, 71, 2017-2018.	2.1	1
121	Building Two-Dimensional Polymers by the Langmuir-Blodgett Technique. <i>Thin Films</i> , 1995, , 69-82.	0.2	11
122	Optical properties of transient charge carriers photogenerated on femtosecond-to-nanosecond time scale in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1994, 242, 92-95.	0.8	1
123	Highly polarizable biaryl salts for liquid crystals and nonlinear optics: Synthesis and properties of a phenol/pyridinium triflate. <i>Advanced Materials</i> , 1994, 6, 580-583.	11.1	6
124	Chemical reactivity in organized medium: building up a two-dimensional polymer. <i>Langmuir</i> , 1993, 9, 150-161.	1.6	52
125	Molecular Engineering at the Air-Water Interface: Building up Designed Supramolecular Assemblies with Amphiphilic Porphyrins. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 211, 193-198.	0.3	3
126	Picosecond generation of transient charge carriers in Langmuir-Blodgett films of semi-amphiphilic heterodimers. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 2529-2535.	1.7	16



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127	Electronic structure of nitrogen square planar copper complexes in Langmuir-Blodgett films. The Journal of Physical Chemistry, 1992, 96, 7072-7075.	2.9	19
128	Photoinduced charge transfer in semi-amphiphilic porphyrin-phthalocyanine mixed dimers. Thin Solid Films, 1992, 210-211, 150-152.	0.8	22
129	Second harmonic generation in mixed carotenoid-fatty acid and carotenoid-cyclodextrin Langmuir-Blodgett films. Thin Solid Films, 1992, 210-211, 221-223.	0.8	8
130	Electronic structure of nitrogen square planar copper complexes in Langmuir-Blodgett films. Thin Solid Films, 1992, 210-211, 519-520.	0.8	2
131	Synthesis Of $\alpha$ polymer from semi-amphiphilic Langmuir-Blodgett (LB) films. Makromolekulare Chemie Macromolecular Symposia, 1991, 46, 37-45.	0.6	12
132	Chemical reactivity at the air-water interface: Redox properties of the tetrapyrridino porphyrinium ring. Colloids and Surfaces, 1991, 52, 123-147.	0.9	14
133	Supramolecular engineering at the air-water interface: spatially controlled formation of heterodimers from amphiphilic porphyrins and porphyrazines through specific molecular recognition. The Journal of Physical Chemistry, 1991, 95, 7438-7447.	2.9	38
134	General Trends for Obtaining Conducting TCNQ Langmuir-Blodgett Films. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 327-334.	0.3	3
135	Photogeneration of transient charge carriers in an alternate porphyrin-phthalocyanine Langmuir-Blodgett film. Chemical Physics Letters, 1989, 157, 92-96.	1.2	13
136	Supramolecular engineering in Langmuir-Blodgett films. Thin Solid Films, 1989, 178, 327-340.	0.8	8
137	Well organized Langmuir-Blodgett films based on push-pull carotenoids. Thin Solid Films, 1989, 178, 387-392.	0.8	14
138	Electrical defect visualization in insulating Langmuir-Blodgett films. Thin Solid Films, 1989, 178, 499-503.	0.8	7
139	Molecular engineering: highly ordered Langmuir-Blodgett films based on a cobalt phthalocyanine and its axial complexation. The Journal of Physical Chemistry, 1989, 93, 7195-7199.	2.9	30
140	Highly ordered Langmuir-Blodgett films based on semi-amphiphilic phthalocyanines. Journal of the Chemical Society Chemical Communications, 1989, , 45-47.	2.0	20
141	Structural studies of intermolecular interactions in pure and diluted films of a redox-active phthalocyanine. Thin Solid Films, 1988, 159, 83-90.	0.8	49
142	Towards Bidimensional Cellular Automata: Porphyrins and Phthalocyanines in Langmuir-Blodgett Films. Molecular Crystals and Liquid Crystals, 1988, 156, 331-338.	0.4	14
143	Chemical reactivity in monolayers: study of an amphiphilic tetrapyridinoporphyrine in Langmuir-Blodgett films. The Journal of Physical Chemistry, 1986, 90, 6237-6242.	2.9	63
144	An automatic trough to make alternate layers. Thin Solid Films, 1985, 133, 117-123.	0.8	43

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145	Graftfast&lt;sup&gt;Â©&lt;/sup&gt;; Towards the Control of Surface Properties of any Type of Materials by the Grafting of Polymers. Advanced Materials Research, 0, 445, 797-802.	0.3	3
146	Localized Electrografting of Diazonium Salts in the SECM Environment. Materials Science Forum, 0, 730-732, 221-226.	0.3	1