Guy LOUARN

List of Publications by Year
in descending order

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144 papers	6,909 citations	93792 39 h-index	73587 79 g-index
144 all docs	144 docs citations	144 times ranked	9055 citing authors

#	Article	IF	Citations
1	Low temperature synthesis of MoS2 and MoO3:MoS2 hybrid thin films via the use of an original hybrid sulfidation technique. Surfaces and Interfaces, 2022, 32, 102120.	1.5	3
2	Semi-Transparent Organic Photovoltaic Cells with Dielectric/Metal/Dielectric Top Electrode: Influence of the Metal on Their Performances. Nanomaterials, 2021, 11, 393.	1.9	10
3	New dielectric/metal/dielectric electrode for organic photovoltaic cells using Cu:Al alloy as metal. Journal of Alloys and Compounds, 2020, 819, 152974.	2.8	11
4	Biocompatibility and osseointegration of nanostructured titanium dental implants in minipigs. Clinical Oral Implants Research, 2020, 31, 526-535.	1.9	19
5	Rotator Cuff Tenocytes Differentiate into Hypertrophic Chondrocyte-Like Cells to Produce Calcium Deposits in an Alkaline Phosphatase-Dependent Manner. Journal of Clinical Medicine, 2019, 8, 1544.	1.0	9
6	Facile enhancement of bulk heterojunction solar cells performance by utilizing PbSe nanorods decorated with graphene. Journal of Colloid and Interface Science, 2019, 553, 117-125.	5.0	7
7	AFM-Nano Manipulation of Plasmonic Molecules Used as â€œNano-Lensâ€•to Enhance Raman of Individual Nano-Objects. Materials, 2019, 12, 1372.	1.3	16
8	Nanostructured surface coatings for titanium alloy implants. Journal of Materials Research, 2019, 34, 1892-1899.	1.2	26
9	N-substituted dithienopyrroles as electrochemically active monomers: Synthesis, electropolymerization and spectroelectrochemistry of the polymerization products. Electrochimica Acta, 2019, 295, 472-483.	2.6	14
10	Indium free electrode, highly flexible, transparent and conductive for optoelectronic devices. Vacuum, 2018, 153, 225-231.	1.6	15
11	Colorectal Cancer Cells Adhere to and Migrate Along the Neurons of the Enteric Nervous System. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 31-49.	2.3	32
12	Stabilisation of the electrical and optical properties of dielectric/Cu/dielectric structures through the use of efficient dielectric and Cu:Ni alloy. Journal of Alloys and Compounds, 2017, 729, 109-116.	2.8	10
13	Polypyrrole-modified graphene sheet nanocomposites as new efficient materials for supercapacitors. Carbon, 2016, 105, 510-520.	5.4	52
14	Functionalization of Graphene Oxide by Tetrazine Derivatives: A Versatile Approach toward Covalent Bridges between Graphene Sheets. Chemistry of Materials, 2015, 27, 4298-4310.	3.2	43
15	Raman Changes Induced by Electrochemical Oxidation of Poly(triarylamine)s: Toward a Relationship between Molecular Structure Modifications and Charge Generation. Journal of Physical Chemistry B, 2015, 119, 1756-1767.	1.2	8
16	Mechanical properties and molecular structures of virgin and recycled HDPE polymers used in gravity sewer systems. Polymer Testing, 2015, 46, 1-8.	2.3	37
17	Improving the efficiency of subphthalocyanine based planar organic solar cells through the use of MoO3/CuI double anode buffer layer. Solar Energy Materials and Solar Cells, 2015, 141, 429-435.	3.0	36
18	Comparative bone tissue integration of nanostructured and microroughened dental implants. Nanomedicine, 2015, 10, 741-751.	1.7	20

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19	Characterization of the interaction between P3ATs with PCBM on ITO using in situ Raman spectroscopy and electrochemical impedance spectroscopy. Journal of Materials Science: Materials in Electronics, 2015, 26, 7844-7852.	1.1	6
20	Complementary study on the electrical and structural properties of poly(3-alkylthiophene) and its copolymers synthesized on ITO by electrochemical impedance and Raman spectroscopy. Journal of Materials Science: Materials in Electronics, 2015, 26, 149-161.	1.1	8
21	Enhanced osseointegration of titanium implants with nanostructured surfaces: An experimental study in rabbits. Acta Biomaterialia, 2015, 11, 494-502.	4.1	213
22	Broadening of the transmission range of dielectric/metal multilayer structures by using different metals. Vacuum, 2015, 111, 32-41.	1.6	27
23	Assessment of DNA Binding to Human Rad51 Protein by using Quartz Crystal Microbalance and Atomic Force Microscopy: Effects of ADP and BRC4â€28 Peptide Inhibitor. ChemPhysChem, 2014, 15, 3753-3760.	1.0	2
24	Photoluminescence and Raman spectroscopy studies of the photodegradation of poly(3-octylthiophene). Journal of Materials Science: Materials in Electronics, 2014, 25, 185-189.	1.1	13
25	The influence of different electrolytes on the electrical and optical properties of polymer films electrochemically synthesized from 3-alkylthiophenes. Journal of Materials Science: Materials in Electronics, 2014, 25, 1703-1715.	1.1	10
26	Experimental evidence of the interface/interphase formation between powder coating and composite material. Progress in Organic Coatings, 2014, 77, 1137-1144.	1.9	13
27	Osteoblastic and osteoclastic differentiation of human mesenchymal stem cells and monocytes in a miniaturized three-dimensional culture with mineral granules. Acta Biomaterialia, 2014, 10, 5139-5147.	4.1	18
28	Alternating copolymers of diketopyrrolopyrrole or benzothiadiazole and alkoxy-substituted oligothiophenes: spectroscopic, electrochemical and spectroelectrochemical investigations. Electrochimica Acta, 2014, 144, 211-220.	2.6	37
29	Vibrational Dynamics in Dendridic Oligoarylamines by Raman Spectroscopy and Incoherent Inelastic Neutron Scattering. Journal of Physical Chemistry B, 2014, 118, 5278-5288.	1.2	14
30	Straightforward approach to graft bioactive polysaccharides onto polyurethane surfaces using an ionic liquid. Applied Surface Science, 2014, 314, 301-307.	3.1	7
31	Strong Improvements of Localized Surface Plasmon Resonance Sensitivity by Using Au/Ag Bimetallic Nanostructures Modified with Polydopamine Films. ACS Applied Materials & Interfaces, 2014, 6, 219-227.	4.0	73
32	Electro-synthesis and Characterization of Polymer Nanostructures from Terthiophene Using Silica Mesoporous Films as Template. Electrochemistry, 2014, 82, 146-151.	0.6	14
33	Highly flexible, conductive and transparent MoO 3 /Ag/MoO 3 multilayer electrode for organic photovoltaic cells. Thin Solid Films, 2013, 545, 438-444.	0.8	50
34	Plant protein interactions studied using AFM force spectroscopy: nanomechanical and adhesion properties. Physical Chemistry Chemical Physics, 2013, 15, 11339.	1.3	14
35	Study of nisin adsorption on plasma-treated polymer surfaces for setting up materials with antibacterial properties. Reactive and Functional Polymers, 2013, 73, 1473-1479.	2.0	23
36	Facile grafting of bioactive cellulose derivatives onto PVC surfaces. Applied Surface Science, 2013, 283, 411-416.	3.1	23

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37	Alternating copolymers of thiadiazole and quaterthiophenes â€“ Synthesis, electrochemical and spectroelectrochemical characterization. Electrochimica Acta, 2013, 111, 491-498.	2.6	25
38	Click grafting of seaweed polysaccharides onto PVC surfaces using an ionic liquid as solvent and catalyst. Carbohydrate Polymers, 2013, 98, 1644-1649.	5.1	30
39	Nanostructured and nanopatterned gold surfaces: application to the surface-enhanced Raman spectroscopy. Gold Bulletin, 2013, 46, 283-290.	1.1	15
40	Poly(3-alkylthiophenes) and polydiphenylamine copolymers: a comparative study using electrochemical impedance spectroscopy. Journal of Materials Science: Materials in Electronics, 2013, 24, 4732-4738.	1.1	11
41	Electrochemically Modified Carbon and Chromium Surfaces for AFM Imaging of Doubleâ€Strand DNA Interaction with Transposase Protein. ChemPhysChem, 2013, 14, 338-345.	1.0	9
42	Oneâ€Pot in Situ Mixed Film Formation by Azo Coupling and Diazonium Salt Electrografting. ChemPhysChem, 2013, 14, 1793-1796.	1.0	9
43	Electro-oxidation of 1-amino-9,10-anthraquinone and O-phenylenediamine and the Influence of Its Copolymerizaton in the Modified Electrode Properties. Electrochemistry, 2013, 81, 954-960.	0.6	13
44	Donorâ€“acceptor alternating copolymers containing thienopyrroledione electron accepting units: preparation, redox behaviour, and application to photovoltaic cells. Polymer Chemistry, 2012, 3, 2355.	1.9	24
45	Towards anode with low indium content as effective anode in organic solar cells. Applied Surface Science, 2012, 258, 2844-2849.	3.1	7
46	Cell differentiation and osseointegration influenced by nanoscale anodized titanium surfaces. Nanomedicine, 2012, 7, 967-980.	1.7	57
47	Gold Nanoparticles as Probes for Nano-Raman Spectroscopy: Preliminary Experimental Results and Modeling. International Journal of Optics, 2012, 2012, 1-8.	0.6	4
48	Early adhesion of human mesenchymal stem cells on TiO₂ surfaces studied by singleâ€cell force spectroscopy measurements. Journal of Molecular Recognition, 2012, 25, 262-269.	1.1	20
49	Comprehensive study of an optical fiber plasmonic microsensor in a microfluidic device. EPJ Applied Physics, 2011, 56, 13704.	0.3	1
50	Surface characterization and efficiency of a matrix-free and flat carboxylated gold sensor chip for surface plasmon resonance (SPR). Analytical and Bioanalytical Chemistry, 2011, 401, 1601-1617.	1.9	16
51	Behaviour of mesenchymal stem cells, fibroblasts and osteoblasts on smooth surfaces. Acta Biomaterialia, 2011, 7, 1525-1534.	4.1	76
52	Solid state electrochemistry and spectroelectrochemistry of poly(arylene bisimideâ€“alt-oligoether)s. Electrochimica Acta, 2011, 56, 3429-3435.	2.6	24
53	Preparation, Optimization, and Characterization of SERS Sensor Substrates Based on Two-Dimensional Structures of Gold Colloid. Plasmonics, 2010, 5, 21-29.	1.8	18
54	Molecular hybrids of CdSe semiconductor nanocrystals with terthiophene carboxylic acid or its polymeric analogue. Materials Chemistry and Physics, 2010, 123, 756-760.	2.0	3

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55	Influence of anode roughness and buffer layer nature on organic solar cells performance. Thin Solid Films, 2010, 518, 6117-6122.	0.8	38
56	Electrochemical preparation of MoO₃ buffer layer deposited onto the anode in organic solar cells. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1905-1911.	0.8	18
57	Cell interaction with nanopatterned surface of implants. Nanomedicine, 2010, 5, 937-947.	1.7	86
58	Chemical and Dielectric Study of PMMA/Montmorionite Nano-Composite Films. Ferroelectrics, 2010, 402, 47-54.	0.3	0
59	On the improvement of the anode/organic material interface in organic solar cells by the presence of an ultraâ€thin gold layer. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 311-315.	0.8	39
60	Composites of Double-Walled Carbon Nanotubes with bis-Quaterthiophene-Fluorenone Conjugated Oligomer: Spectroelectrochemical and Photovoltaic Properties. Journal of Physical Chemistry C, 2009, 113, 17347-17354.	1.5	25
61	Electrochemical and Raman spectroelectrochemical investigation of single-wall carbon nanotubesâ€“polythiophene hybrid materials. Synthetic Metals, 2009, 159, 919-924.	2.1	23
62	Sensitivity of Optical Fiber Sensor Based on Surface Plasmon Resonance: Modeling and Experiments. Plasmonics, 2008, 3, 49-57.	1.8	151
63	Synthesis, electrochemical and spectroscopic investigations of New N-BEDOT derivatives containing anil substituted carbazole subunits. Electrochimica Acta, 2008, 53, 6469-6476.	2.6	12
64	Mechanical properties of nanotubes of polyelectrolyte multilayers. European Physical Journal E, 2008, 25, 343-348.	0.7	21
65	Nanoaperture formation at metal covered tips by microspark optimized for near-field optical probes. Applied Physics Letters, 2008, 92, 093106.	1.5	0
66	Osteoblastic cell behavior on nanostructured metal implants. Nanomedicine, 2008, 3, 61-71.	1.7	27
67	Enhanced Electroactivity and Electrochromism in PEDOT Nanowires. Molecular Crystals and Liquid Crystals, 2008, 485, 835-842.	0.4	14
68	Plasmon resonance microsensor for droplet analysis. Optics Letters, 2007, 32, 2435.	1.7	5
69	Light Emission and Scanning Electron Microscopic Characterization of Porous Silicon. Spectroscopy Letters, 2007, 40, 753-762.	0.5	6
70	Roughness effect on the SPR measurements for an optical fibre configuration: experimental and numerical approaches. Journal of Optics, 2007, 9, 586-592.	1.5	61
71	Comparative study of different process steps for the near-field optical probes manufacturing. Ultramicroscopy, 2007, 107, 1042-1047.	0.8	6
72	Surface characterization of porous silicon after pore opening processes inducing chemical modifications. Applied Surface Science, 2007, 253, 7265-7271.	3.1	23

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73	Experimental realization and numerical simulation of wavelength-modulated fibre optic sensor based on surface plasmon resonance. Sensors and Actuators B: Chemical, 2007, 126, 198-203.	4.0	46
74	Solution versus solid-state electropolymerization of regioregular conjugated fluorenoneâ€“thienylene vinylene macromonomersâ€”voltammetric and spectroelectrochemical investigations. Journal of Solid State Electrochemistry, 2007, 11, 1051-1058.	1.2	6
75	In situ UVâ€“vis and Raman spectroscopic studies of the electrochemical behavior of N,Nâ€²-diphenyl-1,4-phenylenediamine. Synthetic Metals, 2006, 156, 81-85.	2.1	34
76	Redox behavior of nanohybrid material with defined morphology: Vanadium oxide nanotubes intercalated with polyaniline. Journal of Power Sources, 2006, 156, 533-540.	4.0	42
77	Nanoprobes for near-field optical microscopy manufactured by substitute-sheath etching and hollow cathode sputtering. Review of Scientific Instruments, 2006, 77, 103702.	0.6	9
78	Nanocomposites obtained by embedding of conjugated polymers in porous silicon and silica. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3218-3221.	0.8	4
79	Structural Study of the Thermochromic Transition in Poly(2,5-dialkyl-p-phenyleneethynylene)s. Macromolecules, 2005, 38, 9631-9637.	2.2	21
80	Polymerization of Diacetyleneâ^'Bis(toluenesulfonide) in a Porous Silica Matrix:Â Evidence of Polymer Chain Self-Orientation. Chemistry of Materials, 2005, 17, 2803-2806.	3.2	4
81	Electrochemical growth of poly(3-dodecylthiophene) into porous silicon layers. Synthetic Metals, 2005, 150, 255-258.	2.1	12
82	Effects of the Confined Synthesis on Conjugated Polymer Transport Properties. Journal of Physical Chemistry B, 2004, 108, 18552-18556.	1.2	70
83	Electronic and ionic exchange in poly(5-amino 1-naphthol) in acid aqueous solution. Electrochimica Acta, 2004, 49, 1409-1415.	2.6	6
84	Nanofibers composite vanadium oxide/polyaniline: synthesis and characterization of an electroactive anisotropic structure. Electrochemistry Communications, 2003, 5, 1011-1015.	2.3	99
85	NaPdPS4 and RbPdPS4: systems with infinite straight [PdPS4]â^' chains soluble in polar solvents and the structure of cubic RbPdPS4{Rb0.33P0.4S2.23Ox}. Journal of Solid State Chemistry, 2003, 175, 133-145.	1.4	14
86	Electrochemical growth of poly(3-dodecylthiophene) into porous silicon: a nanocomposite with tubes or wires?. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 100, 259-262.	1.7	10
87	Raman spectroelectrochemical study of sodium intercalation into poly(p-phenylene). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1849-1856.	2.0	10
88	Planar-to-Nonplanar Conformational Transition in Thermochromic Polythiophenes:Â A Spectroscopic Study. Macromolecules, 2003, 36, 692-697.	2.2	74
89	Physical properties of conducting polymer nanofibers. Synthetic Metals, 2003, 135-136, 329-330.	2.1	21
90	Determination of the Formation of Ladder Structure in Poly(5-amino-1-naphthol) by Resonant Raman and XPS Characterization. Macromolecules, 2003, 36, 2079-2084.	2.2	16

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91	(PPh3-C3H6-PPh3)0.5[NiPS4] and (PPh3-C2H2-PPh3)0.5[NiPS4]: Two new compounds containing [NiPS4]? chains. New Journal of Chemistry, 2003, 27, 1228.	1.4	4
92	Transport and vibrational properties of poly(3,4-ethylenedioxythiophene) nanofibers. Synthetic Metals, 2002, 131, 123-128.	2.1	133
93	Fully undoped and soluble oligo(3,4-ethylenedioxythiophene)s: spectroscopic study and electrochemical characterization. Journal of Materials Chemistry, 2001, 11, 1378-1382.	6.7	162
94	Comparison between poly(3,4-ethylenedioxythiophene) and alkyl derivatives. Synthetic Metals, 2001, 119, 323-324.	2.1	2
95	A fully undoped oligo(3,4-ethylenedioxythiophene): spectroscopic properties. Synthetic Metals, 2001, 119, 381-382.	2.1	16
96	Spectroelectrochemical studies of poly(3,4-ethylenedioxythiophene) in aqueous medium. Synthetic Metals, 2001, 125, 325-329.	2.1	215
97	High Internal Stresses in Sr1-xLa1+xAl1-xMgxO4Solid Solution (0 â‰¤xâ‰¤ 0.7) Characterized by Infrared and Raman Spectroscopies Coupled with Crystal Structure Refinement. Chemistry of Materials, 2001, 13, 3893-3898.	3.2	42
98	Vibrational characterisation of a crystallised oligoaniline: a model compound of polyaniline. Journal of Molecular Structure, 2001, 596, 33-40.	1.8	18
99	In-situ spectroscopic investigations of the redox behavior of poly(indole-5-carboxylic-acid) modified electrodes in acidic aqueous solutions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 423-433.	2.0	27
100	Spectroelectrochemical studies of the C14-alkyl derivative of poly(3,4-ethylenedioxythiophene) (PEDT). Electrochimica Acta, 2001, 46, 1207-1214.	2.6	25
101	Theoretical and experimental vibrational study of polyaniline in base forms: non-planar analysis. Part I. Journal of Raman Spectroscopy, 2000, 31, 1029-1039.	1.2	99
102	Theoretical and experimental vibrational study of emeraldine in salt form. Part II. Journal of Raman Spectroscopy, 2000, 31, 1041-1049.	1.2	287
103	Doping and metallic-support effect evidenced on SERS spectra of polyaniline thin films. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2599-2609.	2.4	27
104	UVâ€“vis and Raman spectroelectrochemical investigation of the redox behavior of poly(5-cyanoindole) in acidic aqueous solutions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 717-728.	2.0	22
105	Vibrational Study of the FeCl3-Doped Dimer of Polyaniline; A Good Model Compound of Emeraldine Salt. Journal of Physical Chemistry B, 2000, 104, 8952-8961.	1.2	128
106	RRS characterization of selected oligomers of polyaniline in situ spectroelectrochemical study. Electrochimica Acta, 1999, 44, 1981-1987.	2.6	38
107	Interfacial chemical effect evidenced on SERS spectra of polyaniline thin films deposited on rough metallic supports. Journal of Raman Spectroscopy, 1999, 30, 1105-1113.	1.2	60
108	Structural properties of some conducting polymers and carbon nanotubes investigated by SERS spectroscopy. Synthetic Metals, 1999, 100, 13-27.	2.1	70

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109	Studies by sers spectroscopy of the structural properties of conducting polymers and carbon nanotubes. Synthetic Metals, 1999, 101, 184-187.	2.1	21
110	Spectroelectrochemical measurements of the conducting form of polyaniline and related oligomers. Synthetic Metals, 1999, 101, 768-771.	2.1	21
111	Raman and infrared study of phenyl-uncapped oligoanilines. Synthetic Metals, 1999, 101, 782-783.	2.1	9
112	Vibrational and conformational analysis of a model compound of pernigraniline N,Nâ€² diphenyl-1,4-benzoquinonediimine. Synthetic Metals, 1999, 101, 784.	2.1	3
113	Vibrational study of the base form of polyaniline: effect of the 3D character. Synthetic Metals, 1999, 101, 793-794.	2.1	7
114	Thin oligomer films deposited in the presence of a hot wolfram filament.. Synthetic Metals, 1999, 101, 646.	2.1	0
115	About some properties of terthiophene thin films otained in the presence of a red hot wolfram filament. Synthetic Metals, 1999, 101, 587.	2.1	1
116	Optical study and vibrational analysis of the poly (3,4-ethylenedioxythiophene) (PEDT). Synthetic Metals, 1999, 101, 312-313.	2.1	37
117	Spectroelectrochemical studies of poly(5-cyanoindole) in aqueous medium. Synthetic Metals, 1999, 101, 117.	2.1	7
118	In Situ Spectroelectrochemical Raman Studies of Poly(3,4-ethylenedioxythiophene) (PEDT). Macromolecules, 1999, 32, 6807-6812.	2.2	635
119	Conformational Fingerprints in the IR and Raman Spectra of Oligoanilines:â€‰ A Combined Theoretical and Experimental Study. Chemistry of Materials, 1999, 11, 855-857.	3.2	13
120	Vibrational Analysis of Polyaniline:â€‰ A Model Compound Approach. Journal of Physical Chemistry B, 1998, 102, 7382-7392.	1.2	254
121	Approach of the mechanism of poly(3â€octyl thiophene) crosslinking under electron beam. Macromolecular Symposia, 1997, 122, 355-362.	0.4	0
122	Poly(isothianaphthene) from 2,5-bis(trialkylsilyl)isothianaphthenes: preparation and spectroscopic characterization. Journal of Materials Chemistry, 1997, 7, 873-876.	6.7	3
123	Electronic and vibrational changes induced by different acidic vapors in polyaniline. Synthetic Metals, 1997, 84, 757-758.	2.1	28
124	Oxidized model compounds of polyaniline studied by resonance Raman spectroscopy. Synthetic Metals, 1997, 84, 787-788.	2.1	16
125	Vibrational spectroscopic studies of the isotope effects in polyaniline. Synthetic Metals, 1997, 84, 805-806.	2.1	145
126	Spectroscopic studies of regioregular poly(3-decylthiophene). Synthetic Metals, 1997, 84, 579-580.	2.1	10

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127	Vibrational Properties of PolyanilineIsotope Effects. The Journal of Physical Chemistry, 1996, 100, 6998-7006.	2.9	272
128	Raman Spectroscopic Studies of Regioregular Poly(3-alkylthiophenes). The Journal of Physical Chemistry, 1996, 100, 12532-12539.	2.9	242
129	UVâ€“VISâ€“NIR and Raman spectroelectrochemistry of regioregular poly(3-octylthiophene): comparison with its non-regioregular analogue. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1387-1393.	1.7	82
130	Vibrational Studies of a Series of .alpha.-Oligothiophenes as Model Systems of Polythiophene. The Journal of Physical Chemistry, 1995, 99, 11399-11404.	2.9	169
131	Raman spectroscopic studies of polyaniline protonation with bis(2-ethylhexyl) hydrogen phosphate. Synthetic Metals, 1995, 75, 69-74.	2.1	34
132	Polyanilines and substituted polyanilines: a comparative study of the Raman spectra of leucoemeraldine, emeraldine and pernigraniline. Synthetic Metals, 1995, 69, 201-204.	2.1	56
133	"In Situ" Raman Spectroelectrochemical Studies of Poly(3,3'-dibutoxy-2,2'-bithiophene). Macromolecules, 1995, 28, 4644-4649.	2.2	46
134	Raman study of Î±-oligothiophenes and model compounds of poly(thienylene vinylene). Synthetic Metals, 1995, 69, 351-352.	2.1	21
135	Electrochemical Oxidation of Polyaniline in Nonaqueous Electrolytes: "In Situ" Raman Spectroscopic Studies. Macromolecules, 1995, 28, 1233-1238.	2.2	113
136	Vibrational analysis of polyaniline: A comparative study of leucoemeraldine, emeraldine, and pernigraniline bases. Physical Review B, 1994, 50, 12496-12508.	1.1	685
137	Optical characterization of parasexiphenyl : A model compound of polyparaphenylene. Synthetic Metals, 1993, 57, 4762-4767.	2.1	37
138	Vibrational analysis of reduced and oxidized forms of polyaniline. Synthetic Metals, 1993, 55, 475-480.	2.1	21
139	Characterization from XPS, FT-IR and Raman spectroscopies of films of poly(p-phenylene) prepared by electropolymerization of benzene dissolved in ketyl pyridinium chloride-AlCl3 melting salt. Synthetic Metals, 1993, 59, 141-149.	2.1	14
140	Spectroscopic properties of poly(3-alkylthiophenes) and their â€˜head-to-headâ€™, â€˜tail-to-tailâ€™ coupled analogues poly(4,4â€²-dialkyl-2,2â€²-bithiophenes). Synthetic Metals, 1993, 61, 233-238.	2.1	53
141	Comparison of the vibrational properties of polythiophene and polyalkylthiophenes. Synthetic Metals, 1993, 55, 587-592.	2.1	60
142	Vibrational properties of poly(arylene vinylene)s. Synthetic Metals, 1992, 49, 305-311.	2.1	9
143	Vibrational analysis of the reduced form of polyaniline: the leucoemeraldine base. Synthetic Metals, 1992, 50, 525-530.	2.1	44
144	Electronic properties of polyparaphenylene prepared by a precursor route. Synthetic Metals, 1991, 41, 279-282.	2.1	18