

Guy LOUARN

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vibrational analysis of polyaniline: A comparative study of leucoemeraldine, emeraldine, and pernigraniline bases. <i>Physical Review B</i> , 1994, 50, 12496-12508.	3.2	685
2	In Situ Spectroelectrochemical Raman Studies of Poly(3,4-ethylenedioxythiophene) (PEDT). <i>Macromolecules</i> , 1999, 32, 6807-6812.	4.8	635
3	Theoretical and experimental vibrational study of emeraldine in salt form. Part II. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 1041-1049.	2.5	287
4	Vibrational Properties of Polyaniline Isotope Effects. <i>The Journal of Physical Chemistry</i> , 1996, 100, 6998-7006.	2.9	272
5	Vibrational Analysis of Polyaniline: A Model Compound Approach. <i>Journal of Physical Chemistry B</i> , 1998, 102, 7382-7392.	2.6	254
6	Raman Spectroscopic Studies of Regioregular Poly(3-alkylthiophenes). <i>The Journal of Physical Chemistry</i> , 1996, 100, 12532-12539.	2.9	242
7	Spectroelectrochemical studies of poly(3,4-ethylenedioxythiophene) in aqueous medium. <i>Synthetic Metals</i> , 2001, 125, 325-329.	3.9	215
8	Enhanced osseointegration of titanium implants with nanostructured surfaces: An experimental study in rabbits. <i>Acta Biomaterialia</i> , 2015, 11, 494-502.	8.3	213
9	Vibrational Studies of a Series of α -Oligothiophenes as Model Systems of Polythiophene. <i>The Journal of Physical Chemistry</i> , 1995, 99, 11399-11404.	2.9	169
10	Fully undoped and soluble oligo(3,4-ethylenedioxythiophene)s: spectroscopic study and electrochemical characterization. <i>Journal of Materials Chemistry</i> , 2001, 11, 1378-1382.	6.7	162
11	Sensitivity of Optical Fiber Sensor Based on Surface Plasmon Resonance: Modeling and Experiments. <i>Plasmonics</i> , 2008, 3, 49-57.	3.4	151
12	Vibrational spectroscopic studies of the isotope effects in polyaniline. <i>Synthetic Metals</i> , 1997, 84, 805-806.	3.9	145
13	Transport and vibrational properties of poly(3,4-ethylenedioxythiophene) nanofibers. <i>Synthetic Metals</i> , 2002, 131, 123-128.	3.9	133
14	Vibrational Study of the FeCl ₃ -Doped Dimer of Polyaniline; A Good Model Compound of Emeraldine Salt. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8952-8961.	2.6	128
15	Electrochemical Oxidation of Polyaniline in Nonaqueous Electrolytes: "In Situ" Raman Spectroscopic Studies. <i>Macromolecules</i> , 1995, 28, 1233-1238.	4.8	113
16	Theoretical and experimental vibrational study of polyaniline in base forms: non-planar analysis. Part I. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 1029-1039.	2.5	99
17	Nanofibers composite vanadium oxide/polyaniline: synthesis and characterization of an electroactive anisotropic structure. <i>Electrochemistry Communications</i> , 2003, 5, 1011-1015.	4.7	99
18	Cell interaction with nanopatterned surface of implants. <i>Nanomedicine</i> , 2010, 5, 937-947.	3.3	86

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19	UV-Vis-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
20	Behaviour of mesenchymal stem cells, fibroblasts and osteoblasts on smooth surfaces. Acta Biomaterialia, 2011, 7, 1525-1534.	8.3	76
21	Planar-to-Nonplanar Conformational Transition in Thermochromic Polythiophenes: A Spectroscopic Study. Macromolecules, 2003, 36, 692-697.	4.8	74
22	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.	8.0	73
23	Structural properties of some conducting polymers and carbon nanotubes investigated by SERS spectroscopy. Synthetic Metals, 1999, 100, 13-27.	3.9	70
24	Effects of the Confined Synthesis on Conjugated Polymer Transport Properties. Journal of Physical Chemistry B, 2004, 108, 18552-18556.	2.6	70
25	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
26	Comparison of the vibrational properties of polythiophene and polyalkylthiophenes. Synthetic Metals, 1993, 55, 587-592.	3.9	60
27	Interfacial chemical effect evidenced on SERS spectra of polyaniline thin films deposited on rough metallic supports. Journal of Raman Spectroscopy, 1999, 30, 1105-1113.	2.5	60
28	Cell differentiation and osseointegration influenced by nanoscale anodized titanium surfaces. Nanomedicine, 2012, 7, 967-980.	3.3	57
29	Polyanilines and substituted polyanilines: a comparative study of the Raman spectra of leucoemeraldine, emeraldine and pernigraniline. Synthetic Metals, 1995, 69, 201-204.	3.9	56
30	Spectroscopic properties of poly(3-alkylthiophenes) and their head-to-head™, tail-to-tail™ coupled analogues poly(4,4'-dialkyl-2,2'-bithiophenes). Synthetic Metals, 1993, 61, 233-238.	3.9	53
31	Polypyrrole-modified graphene sheet nanocomposites as new efficient materials for supercapacitors. Carbon, 2016, 105, 510-520.	10.3	52
32	Highly flexible, conductive and transparent MoO ₃ /Ag/MoO ₃ multilayer electrode for organic photovoltaic cells. Thin Solid Films, 2013, 545, 438-444.	1.8	50
33	"In Situ" Raman Spectroelectrochemical Studies of Poly(3,3'-dibutoxy-2,2'-bithiophene). Macromolecules, 1995, 28, 4644-4649.	4.8	46
34	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.	7.8	46
35	Vibrational analysis of the reduced form of polyaniline: the leucoemeraldine base. Synthetic Metals, 1992, 50, 525-530.	3.9	44
36	Functionalization of Graphene Oxide by Tetrazine Derivatives: A Versatile Approach toward Covalent Bridges between Graphene Sheets. Chemistry of Materials, 2015, 27, 4298-4310.	6.7	43

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37	High Internal Stresses in Sr _{1-x} La _{1+x} Al _{1-x} Mg _x O ₄ Solid Solution (0 ≤ x ≤ 0.7) Characterized by Infrared and Raman Spectroscopies Coupled with Crystal Structure Refinement. Chemistry of Materials, 2001, 13, 3893-3898.	6.7	42
38	Redox behavior of nanohybrid material with defined morphology: Vanadium oxide nanotubes intercalated with polyaniline. Journal of Power Sources, 2006, 156, 533-540.	7.8	42
39	On the improvement of the anode/organic material interface in organic solar cells by the presence of an ultra-thin gold layer. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 311-315.	1.8	39
40	RRS characterization of selected oligomers of polyaniline in situ spectroelectrochemical study. Electrochimica Acta, 1999, 44, 1981-1987.	5.2	38
41	Influence of anode roughness and buffer layer nature on organic solar cells performance. Thin Solid Films, 2010, 518, 6117-6122.	1.8	38
42	Optical characterization of paraxexiphenyl : A model compound of polyparaphenylene. Synthetic Metals, 1993, 57, 4762-4767.	3.9	37
43	Optical study and vibrational analysis of the poly (3,4-ethylenedioxythiophene) (PEDT). Synthetic Metals, 1999, 101, 312-313.	3.9	37
44	Alternating copolymers of diketopyrrolopyrrole or benzothiadiazole and alkoxy-substituted oligothiophenes: spectroscopic, electrochemical and spectroelectrochemical investigations. Electrochimica Acta, 2014, 144, 211-220.	5.2	37
45	Mechanical properties and molecular structures of virgin and recycled HDPE polymers used in gravity sewer systems. Polymer Testing, 2015, 46, 1-8.	4.8	37
46	Improving the efficiency of subphthalocyanine based planar organic solar cells through the use of MoO ₃ /CuI double anode buffer layer. Solar Energy Materials and Solar Cells, 2015, 141, 429-435.	6.2	36
47	Raman spectroscopic studies of polyaniline protonation with bis(2-ethylhexyl) hydrogen phosphate. Synthetic Metals, 1995, 75, 69-74.	3.9	34
48	In situ UV-vis and Raman spectroscopic studies of the electrochemical behavior of N,N'-diphenyl-1,4-phenylenediamine. Synthetic Metals, 2006, 156, 81-85.	3.9	34
49	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.	4.5	32
50	Click grafting of seaweed polysaccharides onto PVC surfaces using an ionic liquid as solvent and catalyst. Carbohydrate Polymers, 2013, 98, 1644-1649.	10.2	30
51	Electronic and vibrational changes induced by different acidic vapors in polyaniline. Synthetic Metals, 1997, 84, 757-758.	3.9	28
52	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.	2.1	27
53	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.	3.9	27
54	Osteoblastic cell behavior on nanostructured metal implants. Nanomedicine, 2008, 3, 61-71.	3.3	27

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55	Broadening of the transmission range of dielectric/metal multilayer structures by using different metals. <i>Vacuum</i> , 2015, 111, 32-41.	3.5	27
56	Nanostructured surface coatings for titanium alloy implants. <i>Journal of Materials Research</i> , 2019, 34, 1892-1899.	2.6	26
57	Spectroelectrochemical studies of the C14-alkyl derivative of poly(3,4-ethylenedioxythiophene) (PEDT). <i>Electrochimica Acta</i> , 2001, 46, 1207-1214.	5.2	25
58	Composites of Double-Walled Carbon Nanotubes with bis-Quaterthiophene-Fluorenone Conjugated Oligomer: Spectroelectrochemical and Photovoltaic Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17347-17354.	3.1	25
59	Alternating copolymers of thiadiazole and quaterthiophenes – Synthesis, electrochemical and spectroelectrochemical characterization. <i>Electrochimica Acta</i> , 2013, 111, 491-498.	5.2	25
60	Solid state electrochemistry and spectroelectrochemistry of poly(arylene bisimide-alt-oligoether)s. <i>Electrochimica Acta</i> , 2011, 56, 3429-3435.	5.2	24
61	Donor-acceptor alternating copolymers containing thienopyrroledione electron accepting units: preparation, redox behaviour, and application to photovoltaic cells. <i>Polymer Chemistry</i> , 2012, 3, 2355.	3.9	24
62	Surface characterization of porous silicon after pore opening processes inducing chemical modifications. <i>Applied Surface Science</i> , 2007, 253, 7265-7271.	6.1	23
63	Electrochemical and Raman spectroelectrochemical investigation of single-wall carbon nanotubes-polythiophene hybrid materials. <i>Synthetic Metals</i> , 2009, 159, 919-924.	3.9	23
64	Study of nisin adsorption on plasma-treated polymer surfaces for setting up materials with antibacterial properties. <i>Reactive and Functional Polymers</i> , 2013, 73, 1473-1479.	4.1	23
65	Facile grafting of bioactive cellulose derivatives onto PVC surfaces. <i>Applied Surface Science</i> , 2013, 283, 411-416.	6.1	23
66	UV-vis and Raman spectroelectrochemical investigation of the redox behavior of poly(5-cyanoindole) in acidic aqueous solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 717-728.	3.9	22
67	Vibrational analysis of reduced and oxidized forms of polyaniline. <i>Synthetic Metals</i> , 1993, 55, 475-480.	3.9	21
68	Raman study of \pm -oligothiophenes and model compounds of poly(thienylene vinylene). <i>Synthetic Metals</i> , 1995, 69, 351-352.	3.9	21
69	Studies by sers spectroscopy of the structural properties of conducting polymers and carbon nanotubes. <i>Synthetic Metals</i> , 1999, 101, 184-187.	3.9	21
70	Spectroelectrochemical measurements of the conducting form of polyaniline and related oligomers. <i>Synthetic Metals</i> , 1999, 101, 768-771.	3.9	21
71	Physical properties of conducting polymer nanofibers. <i>Synthetic Metals</i> , 2003, 135-136, 329-330.	3.9	21
72	Structural Study of the Thermochromic Transition in Poly(2,5-dialkyl-p-phenyleneethynylene)s. <i>Macromolecules</i> , 2005, 38, 9631-9637.	4.8	21

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73	Mechanical properties of nanotubes of polyelectrolyte multilayers. European Physical Journal E, 2008, 25, 343-348.	1.6	21
74	Early adhesion of human mesenchymal stem cells on TiO ₂ surfaces studied by single-cell force spectroscopy measurements. Journal of Molecular Recognition, 2012, 25, 262-269.	2.1	20
75	Comparative bone tissue integration of nanostructured and microroughened dental implants. Nanomedicine, 2015, 10, 741-751.	3.3	20
76	Biocompatibility and osseointegration of nanostructured titanium dental implants in minipigs. Clinical Oral Implants Research, 2020, 31, 526-535.	4.5	19
77	Electronic properties of polyparaphenylene prepared by a precursor route. Synthetic Metals, 1991, 41, 279-282.	3.9	18
78	Vibrational characterisation of a crystallised oligoaniline: a model compound of polyaniline. Journal of Molecular Structure, 2001, 596, 33-40.	3.6	18
79	Preparation, Optimization, and Characterization of SERS Sensor Substrates Based on Two-Dimensional Structures of Gold Colloid. Plasmonics, 2010, 5, 21-29.	3.4	18
80	Electrochemical preparation of MoO ₃ buffer layer deposited onto the anode in organic solar cells. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1905-1911.	1.8	18
81	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.	8.3	18
82	Oxidized model compounds of polyaniline studied by resonance Raman spectroscopy. Synthetic Metals, 1997, 84, 787-788.	3.9	16
83	A fully undoped oligo(3,4-ethylenedioxythiophene): spectroscopic properties. Synthetic Metals, 2001, 119, 381-382.	3.9	16
84	Determination of the Formation of Ladder Structure in Poly(5-amino-1-naphthol) by Resonant Raman and XPS Characterization. Macromolecules, 2003, 36, 2079-2084.	4.8	16
85	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.	3.7	16
86	AFM-Nano Manipulation of Plasmonic Molecules Used as "Nano-Lens" to Enhance Raman of Individual Nano-Objects. Materials, 2019, 12, 1372.	2.9	16
87	Nanostructured and nanopatterned gold surfaces: application to the surface-enhanced Raman spectroscopy. Gold Bulletin, 2013, 46, 283-290.	2.4	15
88	Indium free electrode, highly flexible, transparent and conductive for optoelectronic devices. Vacuum, 2018, 153, 225-231.	3.5	15
89	Characterization from XPS, FT-IR and Raman spectroscopies of films of poly(p-phenylene) prepared by electropolymerization of benzene dissolved in ketyl pyridinium chloride-AlCl ₃ melting salt. Synthetic Metals, 1993, 59, 141-149.	3.9	14
90	NaPdPS4 and RbPdPS4: systems with infinite straight [PdPS4] ⁿ⁻ chains soluble in polar solvents and the structure of cubic RbPdPS4{Rb _{0.33} PO _{0.45} 2.23Ox}. Journal of Solid State Chemistry, 2003, 175, 133-145.	2.9	14

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91	Enhanced Electroactivity and Electrochromism in PEDOT Nanowires. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 485, 835-842.	0.9	14
92	Plant protein interactions studied using AFM force spectroscopy: nanomechanical and adhesion properties. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11339.	2.8	14
93	Vibrational Dynamics in Dendritic Oligoarylamines by Raman Spectroscopy and Incoherent Inelastic Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5278-5288.	2.6	14
94	Electro-synthesis and Characterization of Polymer Nanostructures from Terthiophene Using Silica Mesoporous Films as Template. <i>Electrochemistry</i> , 2014, 82, 146-151.	1.4	14
95	N-substituted dithienopyrroles as electrochemically active monomers: Synthesis, electropolymerization and spectroelectrochemistry of the polymerization products. <i>Electrochimica Acta</i> , 2019, 295, 472-483.	5.2	14
96	Conformational Fingerprints in the IR and Raman Spectra of Oligoanilines: A Combined Theoretical and Experimental Study. <i>Chemistry of Materials</i> , 1999, 11, 855-857.	6.7	13
97	Electro-oxidation of 1-amino-9,10-anthraquinone and O-phenylenediamine and the Influence of Its Copolymerization in the Modified Electrode Properties. <i>Electrochemistry</i> , 2013, 81, 954-960.	1.4	13
98	Photoluminescence and Raman spectroscopy studies of the photodegradation of poly(3-octylthiophene). <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 185-189.	2.2	13
99	Experimental evidence of the interface/interphase formation between powder coating and composite material. <i>Progress in Organic Coatings</i> , 2014, 77, 1137-1144.	3.9	13
100	Electrochemical growth of poly(3-dodecylthiophene) into porous silicon layers. <i>Synthetic Metals</i> , 2005, 150, 255-258.	3.9	12
101	Synthesis, electrochemical and spectroscopic investigations of New N-BEDOT derivatives containing anil substituted carbazole subunits. <i>Electrochimica Acta</i> , 2008, 53, 6469-6476.	5.2	12
102	Poly(3-alkylthiophenes) and polydiphenylamine copolymers: a comparative study using electrochemical impedance spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4732-4738.	2.2	11
103	New dielectric/metal/dielectric electrode for organic photovoltaic cells using Cu:Al alloy as metal. <i>Journal of Alloys and Compounds</i> , 2020, 819, 152974.	5.5	11
104	Spectroscopic studies of regioregular poly(3-decylthiophene). <i>Synthetic Metals</i> , 1997, 84, 579-580.	3.9	10
105	Electrochemical growth of poly(3-dodecylthiophene) into porous silicon: a nanocomposite with tubes or wires?. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 100, 259-262.	3.5	10
106	Raman spectroelectrochemical study of sodium intercalation into poly(p-phenylene). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1849-1856.	3.9	10
107	The influence of different electrolytes on the electrical and optical properties of polymer films electrochemically synthesized from 3-alkylthiophenes. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1703-1715.	2.2	10
108	Stabilisation of the electrical and optical properties of dielectric/Cu/dielectric structures through the use of efficient dielectric and Cu:Ni alloy. <i>Journal of Alloys and Compounds</i> , 2017, 729, 109-116.	5.5	10

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109	Semi-Transparent Organic Photovoltaic Cells with Dielectric/Metal/Dielectric Top Electrode: Influence of the Metal on Their Performances. <i>Nanomaterials</i> , 2021, 11, 393.	4.1	10
110	Vibrational properties of poly(arylene vinylene)s. <i>Synthetic Metals</i> , 1992, 49, 305-311.	3.9	9
111	Raman and infrared study of phenyl-uncapped oligoanilines. <i>Synthetic Metals</i> , 1999, 101, 782-783.	3.9	9
112	Nanoprobes for near-field optical microscopy manufactured by substitute-sheath etching and hollow cathode sputtering. <i>Review of Scientific Instruments</i> , 2006, 77, 103702.	1.3	9
113	Electrochemically Modified Carbon and Chromium Surfaces for AFM Imaging of Double-strand DNA Interaction with Transposase Protein. <i>ChemPhysChem</i> , 2013, 14, 338-345.	2.1	9
114	One-pot in Situ Mixed Film Formation by Azo Coupling and Diazonium Salt Electrografting. <i>ChemPhysChem</i> , 2013, 14, 1793-1796.	2.1	9
115	Rotator Cuff Tenocytes Differentiate into Hypertrophic Chondrocyte-Like Cells to Produce Calcium Deposits in an Alkaline Phosphatase-Dependent Manner. <i>Journal of Clinical Medicine</i> , 2019, 8, 1544.	2.4	9
116	Raman Changes Induced by Electrochemical Oxidation of Poly(triarylamine)s: Toward a Relationship between Molecular Structure Modifications and Charge Generation. <i>Journal of Physical Chemistry B</i> , 2015, 119, 1756-1767.	2.6	8
117	Complementary study on the electrical and structural properties of poly(3-alkylthiophene) and its copolymers synthesized on ITO by electrochemical impedance and Raman spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 149-161.	2.2	8
118	Vibrational study of the base form of polyaniline: effect of the 3D character. <i>Synthetic Metals</i> , 1999, 101, 793-794.	3.9	7
119	Spectroelectrochemical studies of poly(5-cyanoindole) in aqueous medium. <i>Synthetic Metals</i> , 1999, 101, 117.	3.9	7
120	Towards anode with low indium content as effective anode in organic solar cells. <i>Applied Surface Science</i> , 2012, 258, 2844-2849.	6.1	7
121	Straightforward approach to graft bioactive polysaccharides onto polyurethane surfaces using an ionic liquid. <i>Applied Surface Science</i> , 2014, 314, 301-307.	6.1	7
122	Facile enhancement of bulk heterojunction solar cells performance by utilizing PbSe nanorods decorated with graphene. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 117-125.	9.4	7
123	Light Emission and Scanning Electron Microscopic Characterization of Porous Silicon. <i>Spectroscopy Letters</i> , 2007, 40, 753-762.	1.0	6
124	Comparative study of different process steps for the near-field optical probes manufacturing. <i>Ultramicroscopy</i> , 2007, 107, 1042-1047.	1.9	6
125	Solution versus solid-state electropolymerization of regioregular conjugated fluorenone-thienylene vinylene macromonomers: voltammetric and spectroelectrochemical investigations. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1051-1058.	2.5	6
126	Characterization of the interaction between P3ATs with PCBM on ITO using in situ Raman spectroscopy and electrochemical impedance spectroscopy. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7844-7852.	2.2	6

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127	Electronic and ionic exchange in poly(5-amino 1-naphthol) in acid aqueous solution. <i>Electrochimica Acta</i> , 2004, 49, 1409-1415.	5.2	6
128	Plasmon resonance microsensor for droplet analysis. <i>Optics Letters</i> , 2007, 32, 2435.	3.3	5
129	(PPh ₃ -C ₃ H ₆ -PPh ₃) _{0.5} [NiPS ₄] and (PPh ₃ -C ₂ H ₂ -PPh ₃) _{0.5} [NiPS ₄]: Two new compounds containing [NiPS ₄] ⁻ chains. <i>New Journal of Chemistry</i> , 2003, 27, 1228.	2.8	4
130	Nanocomposites obtained by embedding of conjugated polymers in porous silicon and silica. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3218-3221.	0.8	4
131	Polymerization of Diacetylene- <i>π</i> -Bis(toluenesulfonide) in a Porous Silica Matrix: Evidence of Polymer Chain Self-Orientation. <i>Chemistry of Materials</i> , 2005, 17, 2803-2806.	6.7	4
132	Gold Nanoparticles as Probes for Nano-Raman Spectroscopy: Preliminary Experimental Results and Modeling. <i>International Journal of Optics</i> , 2012, 2012, 1-8.	1.4	4
133	Poly(isothianaphthene) from 2,5-bis(trialkylsilyl)isothianaphthenes: preparation and spectroscopic characterization. <i>Journal of Materials Chemistry</i> , 1997, 7, 873-876.	6.7	3
134	Vibrational and conformational analysis of a model compound of pernigraniline N,N'-diphenyl-1,4-benzoquinonediimine. <i>Synthetic Metals</i> , 1999, 101, 784.	3.9	3
135	Molecular hybrids of CdSe semiconductor nanocrystals with terthiophene carboxylic acid or its polymeric analogue. <i>Materials Chemistry and Physics</i> , 2010, 123, 756-760.	4.0	3
136	Low temperature synthesis of MoS ₂ and MoO ₃ :MoS ₂ hybrid thin films via the use of an original hybrid sulfidation technique. <i>Surfaces and Interfaces</i> , 2022, 32, 102120.	3.0	3
137	Comparison between poly(3,4-ethylenedioxythiophene) and alkyl derivatives. <i>Synthetic Metals</i> , 2001, 119, 323-324.	3.9	2
138	Assessment of DNA Binding to Human Rad51 Protein by using Quartz Crystal Microbalance and Atomic Force Microscopy: Effects of ADP and BRC4-28 Peptide Inhibitor. <i>ChemPhysChem</i> , 2014, 15, 3753-3760.	2.1	2
139	About some properties of terthiophene thin films obtained in the presence of a red hot wolfram filament. <i>Synthetic Metals</i> , 1999, 101, 587.	3.9	1
140	Comprehensive study of an optical fiber plasmonic microsensor in a microfluidic device. <i>EPL Applied Physics</i> , 2011, 56, 13704.	0.7	1
141	Approach of the mechanism of poly(3-octyl thiophene) crosslinking under electron beam. <i>Macromolecular Symposia</i> , 1997, 122, 355-362.	0.7	0
142	Thin oligomer films deposited in the presence of a hot wolfram filament.. <i>Synthetic Metals</i> , 1999, 101, 646.	3.9	0
143	Nanoaperture formation at metal covered tips by microspark optimized for near-field optical probes. <i>Applied Physics Letters</i> , 2008, 92, 093106.	3.3	0
144	Chemical and Dielectric Study of PMMA/Montmorillonite Nano-Composite Films. <i>Ferroelectrics</i> , 2010, 402, 47-54.	0.6	0