

# Juan Teodomiro LÃ³pez Navarrete

## List of Publications by Year in descending order

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263  
papers

9,452  
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36203

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263  
docs citations

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times ranked

9421  
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#	ARTICLE	IF	CITATIONS
1	Backbone Configuration and Electronic Property Tuning of Imide-Functionalized Ladder-Type Heteroarenes-Based Polymer Acceptors for Efficient All-Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	12
2	Poly(3-hexylthiophene-2,5-diyl): Evidence of different polymer chain conformations in the solid state from a combined study of regioregularity control and Raman spectroscopy. <i>Journal of Molecular Structure</i> , 2020, 1221, 128882.	1.8	4
3	Fluorene-Based Donor-Acceptor Copolymers Containing Functionalized Benzotriazole Units: Tunable Emission and their Electrical Properties. <i>Polymers</i> , 2020, 12, 256.	2.0	6
4	Effect of the Linkage Position on the Conjugation Length of Truxene-Based Porous Polymers: Implications for Their Sensing Performance of Nitroaromatics. <i>Chemistry of Materials</i> , 2019, 31, 6971-6978.	3.2	21
5	(Semi)ladder-Type Bithiophene Imide-Based All-Acceptor Semiconductors: Synthesis, Structure-Property Correlations, and Unipolar n-Type Transistor Performance. <i>Journal of the American Chemical Society</i> , 2018, 140, 6095-6108.	6.6	178
6	Infrared and multi-wavelength Raman spectroscopy of regio-regular P3HT and its deuterio derivatives. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 569-580.	1.2	16
7	Ladder-Type Heteroarenes: Up to 15 Rings with Five Imide Groups. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9924-9929.	7.2	105
8	Functionalized branched EDOT-terthiophene copolymer films by electropolymerization and post-polymerization $\alpha$ -click reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 335-347.	1.3	15
9	Robust Ethylenedioxythiophene-Vinylene Oligomers from Fragile Thiophene-Vinylene Cores: Synthesis and Optical, Chemical and Electrochemical Properties of Multicharged Shapes. <i>Chemistry - A European Journal</i> , 2015, 21, 1713-1725.	1.7	13
10	High Yield Ultrafast Intramolecular Singlet Exciton Fission in a Quinoidal Bithiophene. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1375-1384.	2.1	106
11	On the handedness of helical aggregates of $C_{30}$ tricarboxamides: a multichiroptical characterization. <i>Chemical Communications</i> , 2015, 51, 9781-9784.	2.2	26
12	Triindole-Bridge-Triindole Dimers as Models for Two Dimensional Microporous Polymers. <i>Organic Letters</i> , 2015, 17, 2258-2261.	2.4	18
13	Planarization, Fusion, and Strain of Carbon-Bridged Phenylenevinylene Oligomers Enhance $\pi$ -Electron and Charge Conjugation: A Dissectional Vibrational Raman Study. <i>Journal of the American Chemical Society</i> , 2015, 137, 3834-3843.	6.6	44
14	Understanding the Origin of the VCD Signals on the Basis of a Nonredundant Coordinate Definition. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 2633-2641.	2.3	2
15	Polarization, second-order nonlinear optical properties and electrochromism in 4H-pyranylidene chromophores with a quinoid/aromatic thiophene ring bridge. <i>RSC Advances</i> , 2015, 5, 231-242.	1.7	35
16	Combined Raman spectroscopic and Rietveld analyses as a useful and nondestructive approach to studying flint raw materials at prehistoric archaeological sites. <i>Archaeological and Anthropological Sciences</i> , 2015, 7, 235-243.	0.7	11
17	A combined MD/QM and experimental exploration of conformational richness in branched oligothiophenes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24841-24852.	1.3	13
18	Branched polythiophenes by Ni-catalyzed Kumada coupling. <i>Polymer Chemistry</i> , 2014, 5, 6824-6833.	1.9	10

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19	Mode Robustness in Raman Optical Activity. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 5520-5527.	2.3	23
20	Multistep $\pi$ -Dimerization of Tetrakis( <i>n</i> -decyl)heptathienoacene Radical Cations: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2014, 20, 10351-10359.	1.7	12
21	Raman Spectroscopic Characterization of Polyselenophenes and Poly(3,4-ethylenedioxysephenes). <i>Israel Journal of Chemistry</i> , 2014, 54, 759-766.	1.0	8
22	Alkoxy-Functionalized Thienyl-Vinylene Polymers for Field-Effect Transistors and All-Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2014, 24, 2782-2793.	7.8	83
23	Properties of Sizeable [ <i>n</i> ]Cycloparaphenylenes as Molecular Models of Single-Wall Carbon Nanotubes Elucidated by Raman Spectroscopy: Structural and Electron-Transfer Responses under Mechanical Stress. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7033-7037.	7.2	77
24	EDOT-Based Copolymers with Pendant Anthraquinone Units: Analysis of Their Optoelectronic Properties within the Double-Cable Context. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9899-9910.	1.5	2
25	Diradicals acting through diamagnetic phenylene vinylene bridges: Raman spectroscopy as a probe to characterize spin delocalization. <i>Journal of Chemical Physics</i> , 2014, 140, 164903.	1.2	6
26	Antiaromatic bisindeno-[ <i>n</i> ]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. <i>Chemical Science</i> , 2014, 5, 4490-4503.	3.7	62
27	Unfolding Pathway of a Globular Protein by Surfactants Monitored with Raman Optical Activity. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 8-13.	2.1	9
28	Zethrene biradicals: How pro-aromaticity is expressed in the ground electronic state and in the lowest energy singlet, triplet, and ionic states. <i>Journal of Chemical Physics</i> , 2014, 140, 054706.	1.2	28
29	Phenyl- and Thienyl-Ended Symmetric Azomethines and Azines as Model Compounds for n-Channel Organic Field-Effect Transistors: An Electrochemical and Computational Study. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3984-3993.	1.5	30
30	Carbon dots obtained using hydrothermal treatment of formaldehyde. Cell imaging in vitro. <i>Nanoscale</i> , 2014, 6, 9071-9077.	2.8	79
31	Symmetry Lowering in Triindoles: Impact on the Electronic and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5470-5477.	1.5	27
32	Turning on the biradical state of tetracyano-perylene and quaterrylenequinodimethanes by incorporation of additional thiophene rings. <i>Chemical Science</i> , 2014, 5, 3072-3080.	3.7	48
33	Inversion of Supramolecular Helicity in Oligo( <i>p</i> -phenylene)-Based Supramolecular Polymers: Influence of Molecular Atropisomerism. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1373-1377.	7.2	96
34	Chameleon-like behaviour of cyclo[ <i>n</i> ]paraphenylenes in complexes with C <sub>70</sub> : on their impressive electronic and structural adaptability as probed by Raman spectroscopy. <i>Faraday Discussions</i> , 2014, 173, 157-171.	1.6	30
35	The unusual electronic structure of ambipolar dicyanovinyl-substituted diketopyrrolopyrrole derivatives. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6376.	2.7	55
36	Tetracyanoquaterrylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8561-8565.	7.2	94

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37	Molecular and Electronic Structure Basis of the Ambipolar Behavior of Naphthalimide-Terthiophene Derivatives: Implementation in Organic Field-Effect Transistors. <i>Chemistry - A European Journal</i> , 2013, 19, 12458-12467.	1.7	37
38	Push-pull systems bearing a quinoid/aromatic thieno[3,2-b]thiophene moiety: synthesis, ground state polarization and second-order nonlinear properties. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6338.	1.5	25
39	Polymer solar cells with enhanced fill factors. <i>Nature Photonics</i> , 2013, 7, 825-833.	15.6	887
40	Interpretation of the infrared and Raman spectra of zwitterionic push-pull dyes based on quinoidal thiazole. <i>Journal of Molecular Structure</i> , 2013, 1044, 55-60.	1.8	2
41	Novel Thiophene-Phenylene-Thiophene Fused Bis lactam-Based Donor-Acceptor Type Conjugate Polymers: Synthesis by Direct Arylation and Properties. <i>Macromolecules</i> , 2013, 46, 9220-9230.	2.2	41
42	Radical cations of end-capped tetrathienoacenes and their $\pi$ -dimerization controlled by the nature of $\lambda$ -substituents and counterion concentration. <i>RSC Advances</i> , 2013, 3, 25644.	1.7	9
43	The first chiral Raman spectrum report of a protein: a perspective of 20 years. <i>Chemical Communications</i> , 2013, 49, 8893.	2.2	8
44	Designing new symmetrical facial oligothiophene amphiphiles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8435.	1.5	7
45	Impact of the Synergistic Collaboration of Oligothiophene Bridges and Ruthenium Complexes on the Optical Properties of Dumbbell-Shaped Compounds. <i>Chemistry - A European Journal</i> , 2013, 19, 1476-1488.	1.7	9
46	Evidence for Multicenter Bonding in Dianionic Tetracyanoethylene Dimers by Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6421-6425.	7.2	33
47	Influence of Processing Solvents on Optical Properties and Morphology of a Semicrystalline Low Bandgap Polymer in the Neutral and Charged States. <i>Macromolecules</i> , 2013, 46, 4924-4931.	2.2	36
48	Pushing Extended $\pi$ -Quinodimethanes to the Limit: Stable Tetracyano-oligo( $\pi$ -annulated) Tj ETQqO O O rgBT /Overlock 10 2013, 135, 6363-6371.	6.6	170
49	Amplified Spontaneous Emission in Pentathienoacene Dioxides by Direct Optical Pump and by Energy Transfer: Correlation with Photophysical Parameters. <i>Advanced Optical Materials</i> , 2013, 1, 588-599.	3.6	11
50	Thermomagnetic Molecular System Based on TTF-PTM Radical: Switching the Spin and Charge Delocalization. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2721-2726.	2.1	32
51	Electropolymerized Three-Dimensional Randomly Branched EDOT-Containing Copolymers. <i>Langmuir</i> , 2013, 29, 15463-15473.	1.6	21
52	Linear and Nonlinear Optical Properties of Ramified Hexaazatriphenylenes: Charge Transfer Contributions to the Octupolar Response. <i>Journal of Physical Chemistry C</i> , 2013, 117, 626-632.	1.5	18
53	Interplay of $\lambda$ , $\lambda$ versus $\lambda$ , $\lambda$ Conjugation in the Excited States and Charged Defects of Branched Oligothiophenes as Models for Dendrimeric Materials. <i>Chemistry - A European Journal</i> , 2013, 19, 17165-17171.	1.7	8
54	Carbon-Bridged Oligo(phenylenevinylene)s: Stable $\pi$ -Systems with High Responsiveness to Doping and Excitation. <i>Journal of the American Chemical Society</i> , 2012, 134, 19254-19259.	6.6	87

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55	Carbonyl-Functionalized Quaterthiophenes: A Study of the Vibrational Raman and Electronic Absorption/Emission Properties Guided by Theoretical Calculations. <i>ChemPhysChem</i> , 2012, 13, 168-176.	1.0	8
56	Molecular tuning in highly fluorescent dithieno[3,2-b:2'-3'-d]pyrrole-based oligomers: effects of N-functionalization and terminal aryl unit. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6101.	1.3	36
57	Kinetically Blocked Stable Heptazethrene and Octazethrene: Closed-Shell or Open-Shell in the Ground State?. <i>Journal of the American Chemical Society</i> , 2012, 134, 14913-14922.	6.6	256
58	Vibrational Circular Dichroism Shows Reversible Helical Handedness Switching in Peptidomimetic l-Valine Fibrils. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2120-2124.	2.1	21
59	Delocalization-to-Localization Charge Transition in Diferrocenyl-Oligothiophene-Vinylene Molecular Wires as a Function of the Size by Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2012, 134, 5675-5681.	6.6	33
60	Stable Tetrabenzo-Chichibabin-TMs Hydrocarbons: Tunable Ground State and Unusual Transition between Their Closed-Shell and Open-Shell Resonance Forms. <i>Journal of the American Chemical Society</i> , 2012, 134, 14513-14525.	6.6	218
61	Organic Materials in the Undergraduate Laboratory: Microscale Synthesis and Investigation of a Donor-Acceptor Molecule. <i>Journal of Chemical Education</i> , 2012, 89, 1461-1465.	1.1	12
62	Self-Assembly Studies of a Chiral Bisurea-Based Superhydrogelator. <i>Chemistry - A European Journal</i> , 2012, 18, 14725-14731.	1.7	40
63	Conformational Control of the Electronic Properties of an $\hat{I}^2$ Terthiophene: Lessons from a Precursor Towards Dendritic Hyperbranched Oligo- and Poly-Thiophenes. <i>ChemPhysChem</i> , 2012, 13, 3893-3900.	1.0	11
64	Bithiopheneimide-Dithienosilole/Dithienogermole Copolymers for Efficient Solar Cells: Information from Structure-Property-Device Performance Correlations and Comparison to Thieno[3,4- <i>c</i> ]pyrrole-4,6-dione Analogues. <i>Journal of the American Chemical Society</i> , 2012, 134, 18427-18439.	6.6	257
65	$\hat{I}^2$ -Oligofurans show a sizeable extent of $\hat{I}^2$ -conjugation as probed by Raman spectroscopy. <i>Chemical Communications</i> , 2012, 48, 6732.	2.2	37
66	Electronic and vibrational circular dichroism spectroscopies for the understanding of chiral organization in porphyrin aggregates. <i>Chemical Communications</i> , 2012, 48, 9147.	2.2	16
67	Controlling the Macroscopic Chirality of Organic Materials Based on 1,3,5-Trialkynylbenzenes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1577-1582.	1.2	5
68	Synthesis of the Smallest Axially Chiral Molecule by Asymmetric Carbon-Fluorine Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2218-2220.	7.2	43
69	Substituent and counterion effects on the formation of $\hat{I}^2$ -dimer dication of end-capped heptathienoacenes. <i>Chemical Communications</i> , 2011, 47, 12622.	2.2	14
70	Oligothiophene Tetracyanobutadienes: Alternative Donor-Acceptor Architectures for Molecular and Polymeric Materials. <i>Chemistry of Materials</i> , 2011, 23, 823-831.	3.2	42
71	Raman Optical Activity Spectra and Conformational Elucidation of Chiral Drugs. The Case of the Antiangiogenic Aeropylsinin-1. <i>Journal of Physical Chemistry A</i> , 2011, 115, 2752-2755.	1.1	22
72	Two-Photon Mediated Three-Photon Fluorescence: Lessons from a Quinoidal Oligothiophene Dimer. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2179-2183.	2.1	13

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73	The Frontiers of Quinoidal Stability in Long Oligothiophenes: Raman Spectra of Dicationic Polaron Pairs. <i>Journal of the American Chemical Society</i> , 2011, 133, 16350-16353.	6.6	55
74	Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10573-10585.	1.2	23
75	π-conjugation and charge polarization in fluorene-dibenzothiophene-S,S-dioxide co-oligomers by Raman spectroscopy and quantum chemistry. <i>Journal of Chemical Physics</i> , 2011, 134, 044520.	1.2	13
76	On the Origin of the Chiro-Optical Activity in Supramolecular Assemblies: A Quantum Chemical Study of C <sub>3</sub> Octopolar Systems. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 3314-3322.	2.3	5
77	Functionalized pentacenes: a combined theoretical, Raman and UV-Vis spectroscopic study. <i>Theoretical Chemistry Accounts</i> , 2011, 128, 521-530.	0.5	22
78	Theoretical evaluation of the nature and strength of the F <sup>δ+</sup> ⋯F <sup>δ-</sup> intermolecular interactions present in fluorinated hydrocarbons. <i>Theoretical Chemistry Accounts</i> , 2011, 128, 541-553.	0.5	58
79	The longest quinoidal oligothiophene: A Raman story. <i>Chemical Record</i> , 2011, 11, 45-53.	2.9	20
80	Enhanced Functionality for Donor-Acceptor Oligothiophenes by means of Inclusion of BODIPY: Synthesis, Electrochemistry, Photophysics, and Model Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 498-507.	1.7	63
81	Aromatic/Proaromatic Donors in Dicyanomethylenethiazole Merocyanines: From Neutral to Strongly Zwitterionic Nonlinear Optical Chromophores. <i>Chemistry - A European Journal</i> , 2011, 17, 826-838.	1.7	64
82	Enantiopure, Monodisperse Allenylacetylenic Cyclooligomers: Effect of Symmetry and Conformational Flexibility on the Chiroptical Properties of Carbon-Rich Compounds. <i>Chemistry - A European Journal</i> , 2011, 17, 3876-3885.	1.7	25
83	Hexaazatriphenylene (HAT) versus triHAT: The Bigger the Better?. <i>Chemistry - A European Journal</i> , 2011, 17, 10312-10322.	1.7	40
84	Diferrocenyl oligothiophene wires: Raman and quantum chemical study of valence-trapped cations. <i>Journal of Chemical Physics</i> , 2011, 135, 234705.	1.2	2
85	Quinoidal Oligothiophenes: Towards Biradical Ground-State Species. <i>Chemistry - A European Journal</i> , 2010, 16, 470-484.	1.7	74
86	Neutral and Oxidized Triisopropylsilyl End-Capped Oligothienoacenes: A Combined Electrochemical, Spectroscopic, and Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 5481-5491.	1.7	25
87	Comparison of Thiophene-Pyrrole Oligomers with Oligothiophenes: A Joint Experimental and Theoretical Investigation of Their Structural and Spectroscopic Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 6866-6876.	1.7	27
88	Optical absorption and emission properties of end-capped oligothienoacenes: A joint theoretical and experimental study. <i>Organic Electronics</i> , 2010, 11, 1701-1712.	1.4	19
89	Mesomeric betaine chemistry in solution: Solvent effect on the structure and spectra of uracilyl-pyridinium betaine. <i>Chemical Physics</i> , 2010, 371, 1-9.	0.9	3
90	Raman Spectra and Quantum Chemistry Calculations of Fluorene-Dibenzothiophene-S,S-dioxide Oligomers. , 2010, , .		0

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91	Ultrafast and High-Contrast Electrochromism on Bendable Transparent Carbon Nanotube Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1367-1371.	2.1	26
92	Do [all]-S,Sâ€²-Dioxide Oligothiophenes Show Electronic and Optical Properties of Oligoenes and/or of Oligothiophenes?. <i>Journal of the American Chemical Society</i> , 2010, 132, 6231-6242.	6.6	51
93	SEIRA and SERS Effects in Cyclopentabithiophenethiol-Capped Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12900-12904.	1.5	11
94	Tuning the Supramolecular Chirality of One- and Two-Dimensional Aggregates with the Number of Stereogenic Centers in the Component Porphyrins. <i>Journal of the American Chemical Society</i> , 2010, 132, 9350-9362.	6.6	98
95	Aggregation Behavior of a Conjugated C<sub>3</sub>-Symmetric Molecule: A Description Based on Chiro-Optical Experimental and Theoretical Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5710-5717.	1.2	7
96	Ambipolar Organic Fieldâ€Effect Transistors from Crossâ€Conjugated Aromatic Quaterthiophenes; Comparisons with Quinoidal Parent Materials. <i>Advanced Functional Materials</i> , 2009, 19, 386-394.	7.8	71
97	Ferrocenylâ€Ended Thienoâ€Vinylene Oligomers: Donorâ€Acceptor Polarization and Mixedâ€Valence Properties with Emphasis on the Raman Mapping of Localizedâ€Delocalized Transitions. <i>Chemistry - A European Journal</i> , 2009, 15, 2548-2559.	1.7	19
98	Thiopheneâ€Diazine Molecular Semiconductors: Synthesis, Structural, Electrochemical, Optical, and Electronic Structural Properties; Implementation in Organic Fieldâ€Effect Transistors. <i>Chemistry - A European Journal</i> , 2009, 15, 5023-5039.	1.7	82
99	Oxidation of Endâ€Capped Pentathienoacenes and Characterization of Their Radical Cations. <i>Chemistry - A European Journal</i> , 2009, 15, 12346-12361.	1.7	17
100	Synthesis, Spectroscopy, Nonlinear Optics, and Theoretical Investigations of Thienylethynyl Octopoles with a Tunable Core. <i>Chemistry - A European Journal</i> , 2009, 15, 8223-8234.	1.7	14
101	Electronic Studies on Oligothiophenevinylenes: Understanding the Nature of Their Ground and Excited Electronic States. <i>ChemPhysChem</i> , 2009, 10, 1901-1910.	1.0	6
102	FT Raman and DFT Study on a Series of Allâ€anti</i> Oligothienoacenes Endâ€Capped with Triisopropylsilyl Groups. <i>ChemPhysChem</i> , 2009, 10, 3069-3076.	1.0	11
103	A Raman approach to pseudo-cross-conjugation in mesomeric betaines. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 238-239.	1.2	5
104	Sensing properties of organised films based on a bithiophene derivative. <i>Sensors and Actuators B: Chemical</i> , 2009, 141, 625-633.	4.0	11
105	Impact of Perfluorination on the Charge-Transport Parameters of Oligoacene Crystals. <i>Journal of the American Chemical Society</i> , 2009, 131, 1502-1512.	6.6	174
106	Quantum mechanical study and vibrational spectra of indazolium-3-carboxylate and its decarboxylation product, the N-heterocyclic carbene indazol-3-ylidene. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 341-348.	1.3	5
107	Effect of ring fusion on the amplified spontaneous emission properties of oligothiophenes. <i>Journal of Materials Chemistry</i> , 2009, 19, 6556.	6.7	17
108	Raman Detection of â€Ambiguousâ€Conjugated Biradicals: Rapid Thermal Singletâ€Triplet Intersystem Crossing in an Extended Viologen. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1443-1446.	7.2	53

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109	A $\hat{\Gamma}^2$ -Naphthaleneimide-Modified Terthiophene Exhibiting Charge Transfer and Polarization Through the Short Molecular Axis. Joint Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6732-6740.	1.1	27
110	Raman Spectroscopy Shows Interchain through Space Charge Delocalization in a Mixed Valence Oligothiophene Cation and in Its $\hat{\Gamma}^2$ -Dimeric Biradicaloid Dication. <i>Journal of the American Chemical Society</i> , 2008, 130, 14028-14029.	6.6	36
111	Electronic, Optical, and Vibrational Properties of Bridged Dithienylethylene-Based NLO Chromophores. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3109-3120.	1.5	48
112	Electrochemical, Magnetic, and Electrical Properties of $\hat{\Gamma}^2$ -Capped Sexithiophene Films. Part 3. Conduction in Poly(bis-terthienyl-B)s (B = Ethane, Disulfide, Diacetylene, Acetylene, Ethylene). <i>Chemistry of Materials</i> , 2008, 20, 6847-6856.	3.2	12
113	Vibrational fingerprint of the structural tuning in push-pull organic chromophores with quinoid or proaromatic spacers. <i>Journal of Chemical Physics</i> , 2007, 126, 074701.	1.2	7
114	Theoretical understanding of the increment of $\hat{\Gamma}^2$ upon protonation of pyridine peripheral octupolar molecules: Toward nonlinear optical sensors. <i>Journal of Chemical Physics</i> , 2007, 127, 164704.	1.2	11
115	NLO properties of dithienothiophene-based chromophores: a comparison study between the donor/donor and donor/acceptor substitution patterns. , 2007, , .		1
116	Tetrathiafulvalene-Based Materials for Organic Field Effect Transistors. Inspection of Their Semiconductor Properties by Means of Molecular Spectroscopy and Quantum Chemistry. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10110-10118.	1.5	20
117	Linear and Nonlinear Optical Properties of Pyridine-Based Octopolar Chromophores Designed for Chemical Sensing. Joint Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18778-18784.	1.5	25
118	Thiophene- and Selenophene-Based Heteroacenes: $\hat{\Gamma}^2$ Combined Quantum Chemical DFT and Spectroscopic Raman and UV-Vis-NIR Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7488-7496.	1.2	32
119	Synthesis and Doping of a Multifunctional Tetrathiafulvalene- Substituted Poly(isocyanide). <i>Macromolecules</i> , 2007, 40, 7521-7531.	2.2	54
120	Push-Pull Bithienyl Chromophore with an Unusual Transverse Path of Conjugation. <i>Journal of Physical Chemistry A</i> , 2007, 111, 841-851.	1.1	5
121	Electronic and Molecular Structures of Trigonal Truxene-Core Systems Conjugated to Peripheral Fluorene Branches. Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4026-4035.	1.2	36
122	Helically Annulated and Cross-Conjugated $\hat{\Gamma}^2$ -Oligothiophenes: A Fourier Transform Raman Spectroscopic and Quantum Chemical Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4854-4860.	1.5	14
123	On the Biradicaloid Nature of Long Quinoidal Oligothiophenes: Experimental Evidence Guided by Theoretical Studies. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9057-9061.	7.2	143
124	Fourier Transform Raman and DFT Study of Three Annulated Oligothiophenes with Different Molecular Shapes. <i>ChemPhysChem</i> , 2007, 8, 745-750.	1.0	6
125	The first synthesis of a conjugated hybrid of C60 fullerene and a single-wall carbon nanotube. <i>Carbon</i> , 2007, 45, 2250-2252.	5.4	60
126	Vibrational spectra of oligothiophenyl-vinylenes with donor-acceptor and donor-acceptor substitution patterns. <i>Journal of Molecular Structure</i> , 2007, 834-836, 374-379.	1.8	1



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