Jesus Orduna

List of Publications by Year
in descending order

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201 papers	5,349 citations	66343 42 h-index	118850 62 g-index
234 all docs	234 docs citations	234 times ranked	4334 citing authors

#	Article	IF	Citations
1	Identification of a Tri-Iron(III), Tri-Citrate Complex in the Xylem Sap of Iron-Deficient Tomato Resupplied with Iron: New Insights into Plant Iron Long-Distance Transport. Plant and Cell Physiology, 2010, 51, 91-102.	3.1	235
2	Effect of Chain Extension on the Electrochemical and Electronic Properties of Ï€-Conjugated Soluble Thienylenevinylene Oligomers. Journal of the American Chemical Society, 1997, 119, 10774-10784.	13.7	133
3	Syntheses and Properties of Two-Dimensional Charged Nonlinear Optical Chromophores Incorporating Redox-Switchablecis-Tetraammineruthenium(II) Centers. Journal of the American Chemical Society, 2005, 127, 4845-4859.	13.7	131
4	Three-Dimensional Nonlinear Optical Chromophores Based on Metal-to-Ligand Charge-Transfer from Ruthenium(II) or Iron(II) Centers. Journal of the American Chemical Society, 2005, 127, 13399-13410.	13.7	128
5	Tetrathiafulvalene Derivatives as NLO-phores:Â Synthesis, Electrochemistry, Raman Spectroscopy, Theoretical Calculations, and NLO Properties of Novel TTF-Derived Donor-Ï€-Acceptor Dyads. Journal of Organic Chemistry, 2001, 66, 8872-8882.	3.2	127
6	Improved Syntheses of Carboxytetrathiafulvalene, Formyltetrathiafulvalene and (Hydroxymethyl)tetrathiafulvalene1: Versatile Building Blocks for New Functionalised Tetrathiafulvalene Derivatives. Synthesis, 1994, 1994, 489-493.	2.3	111
7	Syntheses and Quadratic Nonlinear Optical Properties of Salts Containing Benzothiazolium Electron-Acceptor Groups. Chemistry of Materials, 2006, 18, 5907-5918.	6.7	108
8	Semiconducting charge transfer complexes from [60]Fullerene-tetrathiafulvalene (C60-TTF) systems. Tetrahedron Letters, 1996, 37, 5979-5982.	1.4	107
9	Tetrathiafulvalene Crowns: Redox-Switchable Ligands. Chemistry - A European Journal, 2001, 7, 447-455.	3.3	102
10	Syntheses and Spectroscopic and Quadratic Nonlinear Optical Properties of Extended Dipolar Complexes with Ruthenium(II) Ammine Electron Donor andN-Methylpyridinium Acceptor Groups. Journal of the American Chemical Society, 2004, 126, 3880-3891.	13.7	99
11	Efficient Charge Separation in C60-Based Dyads:Â Triazolino[4â€˜,5â€˜:1,2][60]fullerenes. Journal of Organic Chemistry, 2000, 65, 1978-1983.	3.2	98
12	Tuning First Molecular Hyperpolarizabilities through the Use of Proaromatic Spacers. Journal of the American Chemical Society, 2005, 127, 8835-8845.	13.7	95
13	Diquat Derivatives: Highly Active, Two-Dimensional Nonlinear Optical Chromophores with Potential Redox Switchability. Journal of the American Chemical Society, 2010, 132, 10498-10512.	13.7	94
14	4H-Pyran-4-ylidenes: Strong Proaromatic Donors for Organic Nonlinear Optical Chromophores. Journal of Organic Chemistry, 2009, 74, 6647-6657.	3.2	86
15	Evolution of Linear Absorption and Nonlinear Optical Properties in V-Shaped Ruthenium(II)-Based Chromophores. Journal of the American Chemical Society, 2010, 132, 1706-1723.	13.7	82
16	Effect of Local Molecular Structure on the Chain-Length Dependence of the Electronic Properties of Thiophene-Based Ï€-Conjugated Systems. Journal of Organic Chemistry, 2003, 68, 7254-7265.	3.2	72
17	Novel C60-Based Building Blocks Derived from C602-Anion. Organic Letters, 2001, 3, 3503-3506.	4.6	68
18	The first tetrathiafulvalene derivatives exhibiting second-order NLO properties. Tetrahedron, 1998, 54, 4655-4662.	1.9	67

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19	Electronic absorption spectra of closed and open-shell tetrathiafulvalenes: the first time-dependent density-functional study. Tetrahedron, 2001, 57, 7883-7892.	1.9	66
20	Pentacyanoiron(II) as an Electron Donor Group for Nonlinear Optics:Â Medium-Responsive Properties and Comparisons with Related Pentaammineruthenium(II) Complexes. Journal of the American Chemical Society, 2006, 128, 12192-12204.	13.7	64
21	Aromatic/Proaromatic Donors in 2â€Đicyanomethylenethiazole Merocyanines: From Neutral to Strongly Zwitterionic Nonlinear Optical Chromophores. Chemistry - A European Journal, 2011, 17, 826-838.	3.3	64
22	The bis-linking of tetrathiafulvalene (TTF) to C60: Towards the control of electron transfer between Ї€-donors and C60. Tetrahedron Letters, 1997, 38, 3909-3910.	1.4	63
23	Linear and V-Shaped Nonlinear Optical Chromophores with Multiple 4H-Pyran-4-ylidene Moieties. Journal of Organic Chemistry, 2010, 75, 1684-1692.	3.2	61
24	Second-order nonlinear optical properties of tetrathiafulvalene-Ї€-(thio)barbituric acid chromophores. Tetrahedron Letters, 1998, 39, 3577-3580.	1.4	58
25	New Dâ^Ї€â€“A-Conjugated Organic Sensitizers Based on 4H-Pyran-4-ylidene Donors for Highly Efficient Dye-Sensitized Solar Cells. Organic Letters, 2012, 14, 752-755.	4.6	58
26	Novel NLO-phores with Proaromatic Donor and Acceptor Groups. Organic Letters, 2003, 5, 3143-3146.	4.6	56
27	Characterization of Flavins in Roots of Fe-Deficient Strategy I Plants, with a Focus on Medicago truncatula. Plant and Cell Physiology, 2011, 52, 2173-2189.	3.1	51
28	Solution Chemistry of Chalcohalide Hexanuclear Rhenium Cluster Monoanions: Substitution Reactions and Structural and LSIMS Characterization of the Heterosubstituted Cluster Dianions, (n-Bu4N)2[Re6Q5ECl8] (Q = S, E = O, S, Se; Q = Se, E = S, Se, Te). Inorganic Chemistry, 1995, 34, 5307-5313.	4.0	50
29	Molecular Salts with Diquat-Based Electron Acceptors for Nonlinear Optics. Journal of the American Chemical Society, 2005, 127, 3284-3285.	13.7	50
30	Electronic, Optical, and Vibrational Properties of Bridged Dithienylethylene-Based NLO Chromophores. Journal of Physical Chemistry C, 2008, 112, 3109-3120.	3.1	48
31	Thiacrown ether tetrathiafulvalene derivatives as redox responsive ligands. Chemical Communications, 1999, , 1417-1418.	4.1	47
32	Electroregulated Metal-Binding with a Crown Ether Tetrathiafulvalene Derivative:Â Toward Electrochemically Addressed Metal Cation Sponges. Inorganic Chemistry, 1999, 38, 6096-6100.	4.0	46
33	Dâ^Ї€â€“A Compounds with Tunable Intramolecular Charge Transfer Achieved by Incorporation of Butenolide Nitriles as Acceptor Moieties. Journal of Organic Chemistry, 2015, 80, 12115-12128.	3.2	46
34	The synthesis of 4,4â€²(5â€²)-diformyltetrathiafulvalene. Tetrahedron Letters, 1994, 35, 9243-9246.	1.4	45
35	Synthesis and characterization of novel NLO-phores from Ї€-extended tetrathiafulvalene (TTF) derivatives. Tetrahedron, 1998, 54, 11651-11658.	1.9	45
36	Second-order nonlinear optical properties of tetrathiafulvalene-Ї€-3-(dicyanomethylidene)indan-1-one chromophores. Tetrahedron Letters, 1999, 40, 8599-8602.	1.4	45

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37	Contrasting Linear and Quadratic Nonlinear Optical Behavior of Dipolar Pyridinium Chromophores with 4-(Dimethylamino)phenyl or Ruthenium(II) Ammine Electron Donor Groups. Journal of the American Chemical Society, 2004, 126, 10418-10427.	13.7	45
38	A convenient one-step synthesis of formyltetrathiafulvalene vinylogs: Building blocks for new NLO materials. Tetrahedron Letters, 1998, 39, 3269-3272.	1.4	44
39	Ï€ Conjugation Across the Tetrathiafulvalene Core: Synthesis of Extended Tetrathiafulvalene Derivatives and Theoretical Analysis of their Unusual Electrochemical Properties. Chemistry - A European Journal, 2000, 6, 1199-1213.	3.3	44
40	Effects of structure on the optical and redox properties of the oligothiophene- Tetrathiafulvalene hybrid system. Advanced Materials, 1994, 6, 841-845.	21.0	42
41	Oxidative dimerization of 2-(1,4-dithiafulven-6-yl)thiophenes: an alternative route towards extensively Ï€-conjugated tetrathiafulvalene analogs. Tetrahedron Letters, 1995, 36, 2983-2986.	1.4	42
42	New TTF-based donor-acceptor molecules linked by flexible ethylenic spacers. Synthetic Metals, 1997, 86, 1817-1818.	3.9	42
43	[4+2] Cycloaddition of C60 to 2-(thi)oxo-4,5-bis(methylene)-1,3-dithioles: en route to the bis-linking of tetrathiafulvalene to C60. Tetrahedron Letters, 1997, 38, 81-84.	1.4	42
44	Synthesis and properties of pushâ€“pull chromophores for second-order nonlinear optics derived from Ï€-extended tetrathiafulvalenes (TTFs). Tetrahedron, 2002, 58, 7463-7475.	1.9	41
45	Photoinduced electron-transfer processes in C60-tetrathiafulvalene dyads containing a short or long flexible spacer. Physical Chemistry Chemical Physics, 2002, 4, 5944-5951.	2.8	40
46	Iminium Salts of Ï‰-Dithiafulvenylpolyenals: An Easy Entry to the Corresponding Aldehydes and Doubly Proaromatic Nonlinear Optic-phores. Journal of Organic Chemistry, 2008, 73, 5890-5898.	3.2	39
47	Synthesis, Structure, and Optical Properties of 1,4-Dithiafulvene-Based Nonlinear Optic-phores. Journal of Organic Chemistry, 2007, 72, 6440-6446.	3.2	38
48	Optical, Redox, and NLO Properties of Tricyanovinyl Oligothiophenes: Comparisons between Symmetric and Asymmetric Substitution Patterns. Chemistry - A European Journal, 2006, 12, 5458-5470.	3.3	37
49	Synthesis of Conjugated Tetrathiafulvalene (TTF)-Ï€-Acceptor Molecules â^' Intramolecular Charge Transfer and Nonlinear Optical Properties. European Journal of Organic Chemistry, 2001, 2001, 1927-1935.	2.4	35
50	Polarization, second-order nonlinear optical properties and electrochromism in 4H-pyranylidene chromophores with a quinoid/aromatic thiophene ring bridge. RSC Advances, 2015, 5, 231-242.	3.6	35
51	Electronic and Structural Effects on the Nonlinear Optical Behavior in Pushâ^'Pull TTF/Tricarbonyl Chromiun Arene Complexes. Journal of Organic Chemistry, 2004, 69, 6986-6995.	3.2	34
52	Theoretical Analyses of the Effects on the Linear and Quadratic Nonlinear Optical Properties ofN-Arylation of Pyridinium Groups in Stilbazolium Dyes. Journal of Physical Chemistry A, 2005, 109, 10052-10057.	2.5	34
53	Synthesis, Characterization, and Optical Properties of 4H-Pyran-4-ylidene Donor-Based Chromophores: The Relevance of the Location of a Thiophene Ring in the Spacer. Journal of Organic Chemistry, 2012, 77, 4634-4644.	3.2	34
54	Mâ^'C Bond Homolysis in Coinageâ€Metal [M(CF₃)₄]^{â^'} Derivatives. Angewandte Chemie - International Edition, 2019, 58, 9954-9958.	13.8	33

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55	The first 1,3-dithiol-2-ylidene donorâ€“Ï€â€“acceptor chromophores containing an azine spacer: synthesis, electrochemical and nonlinear optical properties. Journal of Materials Chemistry, 2001, 11, 374-380.	6.7	32
56	Decreased Optical Nonlinearities upon CF₃ Substitution on Tricyanofuran Acceptors. Organic Letters, 2008, 10, 4963-4966.	4.6	32
57	Heptametallic, Octupolar Nonlinear Optical Chromophores with Six Ferrocenyl Substituents. Chemistry - A European Journal, 2013, 19, 6613-6629.	3.3	31
58	New one- and two-dimensional 4H-pyranylidene NLO-phores. Tetrahedron Letters, 2009, 50, 2920-2924.	1.4	29
59	The first discotic liquid crystal with a tetrathiafulvalene central core. Tetrahedron, 1998, 54, 3895-3912.	1.9	28
60	Non-targeted metabolomic approach reveals urinary metabolites linked to steroid biosynthesis pathway after ingestion of citrus juice. Food Chemistry, 2013, 136, 938-946.	8.2	28
61	Novel 4 H -pyranylidene organic dyes for dye-sensitized solar cells: Effect of different heteroaromatic rings on the photovoltaic properties. Organic Electronics, 2014, 15, 3237-3250.	2.6	28
62	Aza-Crown Tetrathiafulvalene Derivatives: Synthesis, X-ray Structure, and Metal Complexation Study. European Journal of Organic Chemistry, 1998, 1998, 1861-1865.	2.4	27
63	Assessment of Capsaicinoid and Capsinoid Accumulation Patterns during Fruit Development in Three Chili Pepper Genotypes (Capsicum spp.) Carrying Pun1 and pAMT Alleles Related to Pungency. Journal of Agricultural and Food Chemistry, 2019, 67, 12219-12227.	5.2	27
64	Synthesis and characterization of functionalized ethylenediselenotetrathiafulvalenes: A comparative study with their all-sulfur analogues. Tetrahedron, 1996, 52, 11063-11074.	1.9	26
65	Synthesis and Electrochemical and Theoretical Studies of V-Shaped Donorâ^'Acceptor Hexaazatriphenylene Derivatives for Second Harmonic Generation. Journal of Organic Chemistry, 2010, 75, 7542-7549.	3.2	26
66	Tunable emission in aggregated T-Shaped 2H-Benzo[d][1,2,3]triazoles with waveguide behaviour. Dyes and Pigments, 2017, 142, 212-225.	3.7	26
67	Synthesis and electrochemical properties of fused [3,4]furano-tetrathiafulvalenes. Tetrahedron Letters, 1997, 38, 1919-1922.	1.4	25
68	Second order NLO properties of novel dicyanovinylthiophene derived chromophores. Tetrahedron Letters, 1997, 38, 6107-6110.	1.4	25
69	Synthesis and liquid crystal behaviour of tetrathiafulvalenes containing cyanobiphenylyloxy groups. Journal of Materials Chemistry, 1998, 8, 881-887.	6.7	25
70	Linear and Nonlinear Optical Properties of Pyridine-Based Octopolar Chromophores Designed for Chemical Sensing. Joint Spectroscopic and Theoretical Study. Journal of Physical Chemistry C, 2007, 111, 18778-18784.	3.1	25
71	Synthesis, characterization and optical properties of merocyanines derived from malononitrile dimer. Tetrahedron Letters, 2007, 48, 6539-6542.	1.4	25
72	Pushâ€“pull systems bearing a quinoid/aromatic thieno[3,2-b]thiophene moiety: synthesis, ground state polarization and second-order nonlinear properties. Organic and Biomolecular Chemistry, 2013, 11, 6338.	2.8	25

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73	Efficient second-order nonlinear optical chromophores based onÂdithienothiophene and thienothiophene bridges. Tetrahedron, 2013, 69, 3919-3926.	1.9	25
74	Self-assembly of T-shape 2H-benzo[d][1,2,3]-triazoles. Optical waveguide and photophysical properties. RSC Advances, 2016, 6, 36544-36553.	3.6	25
75	Linearly Extended Tetrathiafulvalene Analogues with Dithienyl and Difuryl Polyenes Ї€-Conjugated Spacers. Chemistry of Materials, 1996, 8, 2291-2297.	6.7	24
76	Dithienopyrrole as a Rigid Alternative to the Bithiophene Ї€ Relay in Chromophores with Secondâ€Order Nonlinear Optical Properties. Chemistry - an Asian Journal, 2015, 10, 188-197.	3.3	24
77	Anionic Derivatives of Perfluorinated Trimethylgold. Chemistry - A European Journal, 2017, 23, 6919-6929.	3.3	24
78	Stereoselective construction of polyhydroxyalkyl 2-thiazolyl ketones (thiazole ketoses) from d-glyceraldehyde and d-arabinose acetonides by wittig-michael sequence. a route to d-gluco-KDO. Tetrahedron Letters, 1991, 32, 3247-3250.	1.4	23
79	Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. Journal of Physical Chemistry B, 2011, 115, 10573-10585.	2.6	23
80	Cycloaddition of acetylenedicarbaldehyde monoacetal and 2,4,5-trithioxo-1,3-dithiole: Ready access to novel highly extended and sulfur-rich analogues of tetrathiafulvalene (TTF). Tetrahedron Letters, 1995, 36, 1275-1278.	1.4	22
81	Quantitation of capsiate and dihydrocapsiate and tentative identification of minor capsinoids in pepper fruits (Capsicum spp.) by HPLC-ESI-MS/MS(QTOF). Food Chemistry, 2019, 270, 264-272.	8.2	21
82	Pyranylidene/thienothiophene-based organic sensitizers for dye-sensitized solar cells. Dyes and Pigments, 2019, 161, 205-213.	3.7	21
83	Synthesis of unsymmetrical diheteroarylbenzenes: Benzoazole and quinazoline derivatives. Journal of Heterocyclic Chemistry, 1991, 28, 359-363.	2.6	20
84	Î¼3-Imido-Functionalized Chevrelâ€“Sergent-Type Molecular Clusters, a New Class of Inorganicâ€“Organic Hybrid Compounds: Preparations and Alkylation Reactions. Angewandte Chemie International Edition in English, 1996, 35, 1544-1547.	4.4	20
85	Linearly extended hybrid tetrathiafulvalene analogues with bridged dithienylethyleneЇ€-conjugating spacers. Journal of Materials Chemistry, 1997, 7, 2027-2032.	6.7	20
86	Ruthenocene as a new donor fragment in [60]fullereneâ€“donor dyads. Tetrahedron Letters, 2005, 46, 4781-4784.	1.4	20
87	Organic sensitizers bearing a trialkylsilyl ether group for liquid dye sensitized solar cells. Dyes and Pigments, 2015, 123, 293-303.	3.7	20
88	An Organogold(III) Difluoride with a trans Arrangement. Angewandte Chemie - International Edition, 2018, 57, 6517-6521.	13.8	20
89	Ї€ Conjugation Across the Tetrathiafulvalene Core: Synthesis of Extended Tetrathiafulvalene Derivatives and Theoretical Analysis of their Unusual Electrochemical Properties. Chemistry - A European Journal, 2000, 6, 1199-1213.	3.3	19
90	Highly polarized dithiafulvenes: synthesis and nonlinear optical properties. Tetrahedron Letters, 2006, 47, 661-664.	1.4	19

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91	Synthesis, characterization, and optical properties of novel 1,3-dithiole donor-based chromophores. RSC Advances, 2013, 3, 2953.	3.6	19
92	Chemoselectivity in the Oxidation of unsymmetrical Thioureas with NBS/sulfuric Acid: Benzothiazoles vs. 1,2,4-Thiadiazoles. Synthetic Communications, 1990, 20, 2327-2334.	2.1	18
93	Polyacetyl-substituted tetrathiafulvalenes and 1,3-dithiolic derivatives from hex-3-yn-2,5-dione. Tetrahedron Letters, 1996, 37, 8861-8864.	1.4	18
94	Functionalized polyolefinic nonlinear optic chromophores incorporating the 1,3-dithiol-2-ylidene moiety as the electron-donating part. Journal of Materials Chemistry, 1998, 8, 1185-1192.	6.7	18
95	Isophorone- and pyran-containing NLO-chromophores: a comparative study. Tetrahedron Letters, 2010, 51, 3662-3665.	1.4	18
96	Phosphonic anchoring groups in organic dyes for solid-state solar cells. Physical Chemistry Chemical Physics, 2015, 17, 18780-18789.	2.8	18
97	On the reaction of anthranilic acid with thionyl chloride: The actual structure of â€œkametani's sulfinamide anhydrideâ€• Tetrahedron Letters, 1991, 32, 3263-3264.	1.4	17
98	Selective reduction of the ester group in the 1,3-dithiol-2-(thi)one and tetrathiafulvalene series. Access to the related phosphonium salts and their Wittig reactions. Synthetic Metals, 1993, 56, 1768-1771.	3.9	17
99	The first allylic alcohol derivatives of tetrathiafulvalene. A route to new covalently linked donors. Tetrahedron Letters, 1995, 36, 4319-4322.	1.4	17
100	Gold(I) Fluorohalides: Theory and Experiment. Chemistry - A European Journal, 2017, 23, 1512-1515.	3.3	17
101	Mâ^'C Bond Homolysis in Coinageâ€Metal [M(CF₃)₄]^{â^'} Derivatives. Angewandte Chemie, 2019, 131, 10059-10063.	2.0	16
102	Gold(II) Trihalide Complexes from Organogold(III) Precursors. Chemistry - A European Journal, 2018, 24, 1514-1517.	3.3	15
103	Synthesis, properties and charge transfer complexes of covalently attached [60]fullerene-tetrathiafulvalenes. Journal of Physics and Chemistry of Solids, 1997, 58, 1713-1718.	4.0	14
104	Cycloaddition reactions of polyenic donorâ€“Ï€-acceptor systems with an electron-rich alkyne: access to new chromophores with second-order optical nonlinearities. Organic and Biomolecular Chemistry, 2012, 10, 8684.	2.8	14
105	Influence of thiazole regioisomerism on second-order nonlinear optical chromophores. Tetrahedron, 2012, 68, 6427-6437.	1.9	14
106	Dye-sensitized-solar-cells based on calix[4]arene scaffolds. RSC Advances, 2015, 5, 90667-90670.	3.6	14
107	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. II. 2,2â€²â€Ÿdiaminoâ€6,6â€²â€bibenzoazoles. Journal of Heterocyclic Chemistry, 1990, 27, 321-326.	2.6	13
108	Inertness of the [Re6Se5Cl3]5+ cluster core to substitution by OH- in organic solutions: synthesis, structural and liquid secondary ion mass spectroscopy characterization of K(H2O)2[Re6Se5Cl9] and (n-Bu4N)[Re6Se5Cl9] and the crystal structure of (n-Bu4N)2[Re6Se6Cl8]. New Journal of Chemistry, 2001, 25, 737-740.	2.8	13

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109	Through-space communication in a TTFâ€“C60â€“TTF triad. New Journal of Chemistry, 2007, 31, 230-236.	2.8	13
110	Benzothiazolium-Ï€-thiazole-dicyanomethanides: new nonlinear optical chromophores. Tetrahedron Letters, 2010, 51, 6863-6866.	1.4	13
111	A Hyphenated Technique based on High-Performance Thin Layer Chromatography for Determining Neutral Sphingolipids: A Proof of Concept. Chromatography (Basel), 2015, 2, 167-187.	1.2	13
112	New efficient tert-butyldiphenyl-4H-pyranylidene sensitizers for DSSCs. RSC Advances, 2015, 5, 106706-106709.	3.6	13
113	DSSCs based on aniline derivatives functionalized with a tert -butyldimethylsilyl group and the effect of the Ï€-spacer. Dyes and Pigments, 2018, 148, 61-71.	3.7	13
114	The First Organosilver(III) Fluoride, [PPh₄][(CF₃)₃AgF]. Chemistry - A European Journal, 2020, 26, 4471-4475.	3.3	13
115	Electron-ionization mass spectra of aminomethyltetrathiafulvalenes. Rapid Communications in Mass Spectrometry, 1993, 7, 587-590.	1.5	12
116	Electron ionization mass spectra and metastable-ion studies on some ethylenedithiotetrathiafulvalene derivatives. Rapid Communications in Mass Spectrometry, 1993, 7, 815-818.	1.5	12
117	Useful Wittig reagents in 1,3-dithiole and tetrathiafulvalene (TTF) chemistry: 2-thioxo- and 2-oxo-1,3-dithiol-4-ylmethyl(triphenyl)phosphonium bromides. Journal of the Chemical Society Perkin Transactions 1, 1993, , 1711.	0.9	12
118	Electron ionization mass spectra of hydroxymethyltetrathiafulvalenes and bis(hydroxymethyl)tetrathiafulvalenes. Rapid Communications in Mass Spectrometry, 1994, 8, 701-705.	1.5	12
119	Probing the conformational changes upon oxidation in cross-conjugated architectures featuring vinylogous TTF units. Tetrahedron Letters, 2005, 46, 7871-7875.	1.4	12
120	Enhancing the temporal stability of DSSCs with novel vinylpyrimidine anchoring and accepting group. Dyes and Pigments, 2022, 203, 110310.	3.7	12
121	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. VI. unsymmetrical N¹,N⁴â€Bis(2â€benzazolyl)sulphanilamides. Journal of Heterocyclic Chemistry, 1991, 28, 653-656.	2.6	11
122	Bis and tetrakis(6-methyl-1,4-dithiafulven-6-yl) substituted tetrathiafulvalenes (TTF) and their vinylogs as novel Ï€-donors. Tetrahedron Letters, 1997, 38, 1399-1402.	1.4	11
123	On the ring-contraction of 1,4-dithiins to 1,3-dithiole derivatives. Tetrahedron Letters, 2001, 42, 875-877.	1.4	11
124	Synthesis and photophysical properties of ruthenocene-[60]fullerene dyads. New Journal of Chemistry, 2006, 30, 93-101.	2.8	11
125	Theoretical understanding of the increment of Î² upon protonation of pyridine peripheral octupolar molecules: Toward nonlinear optical sensors. Journal of Chemical Physics, 2007, 127, 164704.	3.0	11
126	Multichromophoric sensitizers based on calix[4]arene scaffold and 4 H -pyranylidene moiety for DSSCs application. Dyes and Pigments, 2017, 136, 505-514.	3.7	11

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127	High-Performance Thin-Layer Chromatography Coupled with Electrospray Ionization Tandem Mass Spectrometry for Identifying Neutral Lipids and Sphingolipids in Complex Samples. Journal of AOAC INTERNATIONAL, 2018, 101, 1993-2000.	1.5	11
128	HPTLC coupled to ESI-Tandem MS for identifying phospholipids associated to membrane proteins in photosynthetic purple bacteria. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 1-8.	1.0	11
129	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. III. 3,3â€²â€arylenebis(2,4â€dioxoâ€1,2,3,4â€tetrahydroquinazolines). Journal of Heterocyclic Chemistry, 1990, 27, 1341-1344.	2.6	10
130	Tetrathiafulvalene-containing liquid crystals. Synthetic Metals, 1997, 86, 1869-1870.	3.9	10
131	Multichromophoric Calix[4]arenes: Effect of Interchromophore Distances on Linear and Nonlinear Optical Properties. ChemPhysChem, 2012, 13, 3204-3209.	2.1	10
132	Using functionalized nonlinear optical chromophores to prepare NLO-active polycarbonate films. Dyes and Pigments, 2015, 119, 30-40.	3.7	10
133	Stability of Ag^{III} towards Halides in Organosilver(III) Complexes. Chemistry - A European Journal, 2021, 27, 12796-12806.	3.3	10
134	A Fiveâ€Coordinate Compound with Inverted Ligand Field: An Unprecedented Geometry for Silver(III). Angewandte Chemie - International Edition, 2021, 60, 26545-26549.	13.8	10
135	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. I. 2,2â€²â€(arylenediamino)bisbenzoazoles, 2,2â€²â€(arylenediamino)bis(imidazopyridines) and 8,8â€²â€(arylenediamino)bispurines. Journal of Heterocyclic Chemistry, 1990, 27, 221-226.	2.6	9
136	Metabolites involved in cellular communication among human cumulus-oocyte-complex and sperm during in vitro fertilization. Reproductive Biology and Endocrinology, 2015, 13, 123.	3.3	9
137	Separation and profiling of monoglycerides in biodiesel using a hyphenated technique based on high-performance thin-layer chromatography. Fuel, 2016, 177, 244-250.	6.4	9
138	An Organogold(III) Difluoride with a trans Arrangement. Angewandte Chemie, 2018, 130, 6627-6631.	2.0	9
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