

Jesus Orduna

List of Publications by Year in descending order

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201
papers

5,349
citations

66234

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234
times ranked

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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. <i>Plant and Cell Physiology</i> , 2010, 51, 91-102.	1.5	235
2	Effect of Chain Extension on the Electrochemical and Electronic Properties of π -Conjugated Soluble Thienylenevinylene Oligomers. <i>Journal of the American Chemical Society</i> , 1997, 119, 10774-10784.	6.6	133
3	Syntheses and Properties of Two-Dimensional Charged Nonlinear Optical Chromophores Incorporating Redox-Switchable cis-Tetraammineruthenium(II) Centers. <i>Journal of the American Chemical Society</i> , 2005, 127, 4845-4859.	6.6	131
4	Three-Dimensional Nonlinear Optical Chromophores Based on Metal-to-Ligand Charge-Transfer from Ruthenium(II) or Iron(II) Centers. <i>Journal of the American Chemical Society</i> , 2005, 127, 13399-13410.	6.6	128
5	Tetrathiafulvalene Derivatives as NLO-phores: Synthesis, Electrochemistry, Raman Spectroscopy, Theoretical Calculations, and NLO Properties of Novel TTF-Derived Donor-Acceptor Dyads. <i>Journal of Organic Chemistry</i> , 2001, 66, 8872-8882.	1.7	127
6	Improved Syntheses of Carboxytetrathiafulvalene, Formyltetrathiafulvalene and (Hydroxymethyl)tetrathiafulvalene: Versatile Building Blocks for New Functionalised Tetrathiafulvalene Derivatives. <i>Synthesis</i> , 1994, 1994, 489-493.	1.2	111
7	Syntheses and Quadratic Nonlinear Optical Properties of Salts Containing Benzothiazolium Electron-Acceptor Groups. <i>Chemistry of Materials</i> , 2006, 18, 5907-5918.	3.2	108
8	Semiconducting charge transfer complexes from [60]Fullerene-tetrathiafulvalene (C60-TTF) systems. <i>Tetrahedron Letters</i> , 1996, 37, 5979-5982.	0.7	107
9	Tetrathiafulvalene Crowns: Redox-Switchable Ligands. <i>Chemistry - A European Journal</i> , 2001, 7, 447-455.	1.7	102
10	Syntheses and Spectroscopic and Quadratic Nonlinear Optical Properties of Extended Dipolar Complexes with Ruthenium(II) Ammine Electron Donor and N-Methylpyridinium Acceptor Groups. <i>Journal of the American Chemical Society</i> , 2004, 126, 3880-3891.	6.6	99
11	Efficient Charge Separation in C60-Based Dyads: Triazolino[4,5-b]pyridine[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2000, 65, 1978-1983.	1.7	98
12	Tuning First Molecular Hyperpolarizabilities through the Use of Proaromatic Spacers. <i>Journal of the American Chemical Society</i> , 2005, 127, 8835-8845.	6.6	95
13	Diquat Derivatives: Highly Active, Two-Dimensional Nonlinear Optical Chromophores with Potential Redox Switchability. <i>Journal of the American Chemical Society</i> , 2010, 132, 10498-10512.	6.6	94
14	4-H-Pyran-4-ylidenes: Strong Proaromatic Donors for Organic Nonlinear Optical Chromophores. <i>Journal of Organic Chemistry</i> , 2009, 74, 6647-6657.	1.7	86
15	Evolution of Linear Absorption and Nonlinear Optical Properties in V-Shaped Ruthenium(II)-Based Chromophores. <i>Journal of the American Chemical Society</i> , 2010, 132, 1706-1723.	6.6	82
16	Effect of Local Molecular Structure on the Chain-Length Dependence of the Electronic Properties of Thiophene-Based π -Conjugated Systems. <i>Journal of Organic Chemistry</i> , 2003, 68, 7254-7265.	1.7	72
17	Novel C60-Based Building Blocks Derived from C60 ²⁻ Anion. <i>Organic Letters</i> , 2001, 3, 3503-3506.	2.4	68
18	The first tetrathiafulvalene derivatives exhibiting second-order NLO properties. <i>Tetrahedron</i> , 1998, 54, 4655-4662.	1.0	67

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19	Electronic absorption spectra of closed and open-shell tetrathiafulvalenes: the first time-dependent density-functional study. <i>Tetrahedron</i> , 2001, 57, 7883-7892.	1.0	66
20	Pentacyanoiron(II) as an Electron Donor Group for Nonlinear Optics: A Medium-Responsive Properties and Comparisons with Related Pentaammineruthenium(II) Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 12192-12204.	6.6	64
21	Aromatic/Proaromatic Donors in π -Cyanomethylenethiazole Merocyanines: From Neutral to Strongly Zwitterionic Nonlinear Optical Chromophores. <i>Chemistry - A European Journal</i> , 2011, 17, 826-838.	1.7	64
22	The bis-linking of tetrathiafulvalene (TTF) to C60: Towards the control of electron transfer between π -donors and C60. <i>Tetrahedron Letters</i> , 1997, 38, 3909-3910.	0.7	63
23	Linear and V-Shaped Nonlinear Optical Chromophores with Multiple <i>4</i> -Pyran-4-ylidene Moieties. <i>Journal of Organic Chemistry</i> , 2010, 75, 1684-1692.	1.7	61
24	Second-order nonlinear optical properties of tetrathiafulvalene- π -(thio)barbituric acid chromophores. <i>Tetrahedron Letters</i> , 1998, 39, 3577-3580.	0.7	58
25	New π -A-Conjugated Organic Sensitizers Based on <i>4</i> -Pyran-4-ylidene Donors for Highly Efficient Dye-Sensitized Solar Cells. <i>Organic Letters</i> , 2012, 14, 752-755.	2.4	58
26	Novel NLO-phores with Proaromatic Donor and Acceptor Groups. <i>Organic Letters</i> , 2003, 5, 3143-3146.	2.4	56
27	Characterization of Flavins in Roots of Fe-Deficient Strategy I Plants, with a Focus on <i>Medicago truncatula</i> . <i>Plant and Cell Physiology</i> , 2011, 52, 2173-2189.	1.5	51
28	Solution Chemistry of Chalcogenide Hexanuclear Rhenium Cluster Monoanions: Substitution Reactions and Structural and LSIMS Characterization of the Heterosubstituted Cluster Dianions, (n-Bu ₄ N) ₂ [Re ₆ Q ₅ ECI ₈] (Q = S, E = O, S, Se; Q = Se, E = S, Se, Te). <i>Inorganic Chemistry</i> , 1995, 34, 5307-5313.	1.9	50
29	Molecular Salts with Diquat-Based Electron Acceptors for Nonlinear Optics. <i>Journal of the American Chemical Society</i> , 2005, 127, 3284-3285.	6.6	50
30	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
31	Thiacrown ether tetrathiafulvalene derivatives as redox responsive ligands. <i>Chemical Communications</i> , 1999, , 1417-1418.	2.2	47
32	Electroregulated Metal-Binding with a Crown Ether Tetrathiafulvalene Derivative: A Toward Electrochemically Addressed Metal Cation Sponges. <i>Inorganic Chemistry</i> , 1999, 38, 6096-6100.	1.9	46
33	π -A Compounds with Tunable Intramolecular Charge Transfer Achieved by Incorporation of Butenolide Nitriles as Acceptor Moieties. <i>Journal of Organic Chemistry</i> , 2015, 80, 12115-12128.	1.7	46
34	The synthesis of 4,4'-diformyltetrathiafulvalene. <i>Tetrahedron Letters</i> , 1994, 35, 9243-9246.	0.7	45
35	Synthesis and characterization of novel NLO-phores from π -extended tetrathiafulvalene (TTF) derivatives. <i>Tetrahedron</i> , 1998, 54, 11651-11658.	1.0	45
36	Second-order nonlinear optical properties of tetrathiafulvalene- π -3-(dicyanomethylidene)indan-1-one chromophores. <i>Tetrahedron Letters</i> , 1999, 40, 8599-8602.	0.7	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. <i>Journal of the American Chemical Society</i> , 2004, 126, 10418-10427.	6.6	45
38	A convenient one-step synthesis of formyltetrathiafulvalene vinyls: Building blocks for new NLO materials. <i>Tetrahedron Letters</i> , 1998, 39, 3269-3272.	0.7	44
39	π Conjugation Across the Tetrathiafulvalene Core: Synthesis of Extended Tetrathiafulvalene Derivatives and Theoretical Analysis of their Unusual Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2000, 6, 1199-1213.	1.7	44
40	Effects of structure on the optical and redox properties of the oligothiophene- Tetrathiafulvalene hybrid system. <i>Advanced Materials</i> , 1994, 6, 841-845.	11.1	42
41	Oxidative dimerization of 2-(1,4-dithiafulven-6-yl)thiophenes: an alternative route towards extensively π-conjugated tetrathiafulvalene analogs. <i>Tetrahedron Letters</i> , 1995, 36, 2983-2986.	0.7	42
42	New TTF-based donor-acceptor molecules linked by flexible ethylenic spacers. <i>Synthetic Metals</i> , 1997, 86, 1817-1818.	2.1	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. <i>Tetrahedron Letters</i> , 1997, 38, 81-84.	0.7	42
44	Synthesis and properties of push-pull chromophores for second-order nonlinear optics derived from π-extended tetrathiafulvalenes (TTFs). <i>Tetrahedron</i> , 2002, 58, 7463-7475.	1.0	41
45	Photoinduced electron-transfer processes in C60-tetrathiafulvalene dyads containing a short or long flexible spacer. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5944-5951.	1.3	40
46	Iminium Salts of π-Dithiafulvenylpolyenals: An Easy Entry to the Corresponding Aldehydes and Doubly Proaromatic Nonlinear Optic-phores. <i>Journal of Organic Chemistry</i> , 2008, 73, 5890-5898.	1.7	39
47	Synthesis, Structure, and Optical Properties of 1,4-Dithiafulvene-Based Nonlinear Optic-phores. <i>Journal of Organic Chemistry</i> , 2007, 72, 6440-6446.	1.7	38
48	Optical, Redox, and NLO Properties of Tricyanovinyl Oligothiophenes: Comparisons between Symmetric and Asymmetric Substitution Patterns. <i>Chemistry - A European Journal</i> , 2006, 12, 5458-5470.	1.7	37
49	Synthesis of Conjugated Tetrathiafulvalene (TTF)-Acceptor Molecules with Intramolecular Charge Transfer and Nonlinear Optical Properties. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1927-1935.	1.2	35
50	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
51	Electronic and Structural Effects on the Nonlinear Optical Behavior in Push-pull TTF/Tricarbonyl Chromium Arene Complexes. <i>Journal of Organic Chemistry</i> , 2004, 69, 6986-6995.	1.7	34
52	Theoretical Analyses of the Effects on the Linear and Quadratic Nonlinear Optical Properties of N-Arylation of Pyridinium Groups in Stilbazolium Dyes. <i>Journal of Physical Chemistry A</i> , 2005, 109, 10052-10057.	1.1	34
53	Synthesis, Characterization, and Optical Properties of 4-H-Pyran-4-ylidene Donor-Based Chromophores: The Relevance of the Location of a Thiophene Ring in the Spacer. <i>Journal of Organic Chemistry</i> , 2012, 77, 4634-4644.	1.7	34
54	M-C Bond Homolysis in Coinage-Metal [M(CF ₃) ₃] ₄ Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9954-9958.	7.2	33

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55	The first 1,3-dithiol-2-ylidene donor-acceptor chromophores containing an azine spacer: synthesis, electrochemical and nonlinear optical properties. <i>Journal of Materials Chemistry</i> , 2001, 11, 374-380.	6.7	32
56	Decreased Optical Nonlinearities upon CF ₃ Substitution on Tricyanofuran Acceptors. <i>Organic Letters</i> , 2008, 10, 4963-4966.	2.4	32
57	Heptametallic, Octopolar Nonlinear Optical Chromophores with Six Ferrocenyl Substituents. <i>Chemistry - A European Journal</i> , 2013, 19, 6613-6629.	1.7	31
58	New one- and two-dimensional 4H-pyranylidene NLO-phores. <i>Tetrahedron Letters</i> , 2009, 50, 2920-2924.	0.7	29
59	The first discotic liquid crystal with a tetrathiafulvalene central core. <i>Tetrahedron</i> , 1998, 54, 3895-3912.	1.0	28
60	Non-targeted metabolomic approach reveals urinary metabolites linked to steroid biosynthesis pathway after ingestion of citrus juice. <i>Food Chemistry</i> , 2013, 136, 938-946.	4.2	28
61	Novel 4 H -pyranylidene organic dyes for dye-sensitized solar cells: Effect of different heteroaromatic rings on the photovoltaic properties. <i>Organic Electronics</i> , 2014, 15, 3237-3250.	1.4	28
62	Aza-Crown Tetrathiafulvalene Derivatives: Synthesis, X-ray Structure, and Metal Complexation Study. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 1861-1865.	1.2	27
63	Assessment of Capsaicinoid and Capsinoid Accumulation Patterns during Fruit Development in Three Chili Pepper Genotypes (<i>Capsicum</i> spp.) Carrying <i>Pun1</i> and <i>pAMT</i> Alleles Related to Pungency. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12219-12227.	2.4	27
64	Synthesis and characterization of functionalized ethylenediselenotetrathiafulvalenes: A comparative study with their all-sulfur analogues. <i>Tetrahedron</i> , 1996, 52, 11063-11074.	1.0	26
65	Synthesis and Electrochemical and Theoretical Studies of V-Shaped Donor-Acceptor Hexaazatriphenylene Derivatives for Second Harmonic Generation. <i>Journal of Organic Chemistry</i> , 2010, 75, 7542-7549.	1.7	26
66	Tunable emission in aggregated T-Shaped 2H-Benzo[d][1,2,3]triazoles with waveguide behaviour. <i>Dyes and Pigments</i> , 2017, 142, 212-225.	2.0	26
67	Synthesis and electrochemical properties of fused [3,4]furano-tetrathiafulvalenes. <i>Tetrahedron Letters</i> , 1997, 38, 1919-1922.	0.7	25
68	Second order NLO properties of novel dicyanovinylthiophene derived chromophores. <i>Tetrahedron Letters</i> , 1997, 38, 6107-6110.	0.7	25
69	Synthesis and liquid crystal behaviour of tetrathiafulvalenes containing cyanobiphenyloxy groups. <i>Journal of Materials Chemistry</i> , 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. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18778-18784.	1.5	25
71	Synthesis, characterization and optical properties of merocyanines derived from malononitrile dimer. <i>Tetrahedron Letters</i> , 2007, 48, 6539-6542.	0.7	25
72	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

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73	Efficient second-order nonlinear optical chromophores based on dithienothiophene and thienothiophene bridges. <i>Tetrahedron</i> , 2013, 69, 3919-3926.	1.0	25
74	Self-assembly of T-shape 2H-benzo[d][1,2,3]-triazoles. Optical waveguide and photophysical properties. <i>RSC Advances</i> , 2016, 6, 36544-36553.	1.7	25
75	Linearly Extended Tetrathiafulvalene Analogues with Dithienyl and Difuryl Polyenes π -Conjugated Spacers. <i>Chemistry of Materials</i> , 1996, 8, 2291-2297.	3.2	24
76	Dithienopyrrole as a Rigid Alternative to the Bithiophene π -Relay in Chromophores with Second-Order Nonlinear Optical Properties. <i>Chemistry - an Asian Journal</i> , 2015, 10, 188-197.	1.7	24
77	Anionic Derivatives of Perfluorinated Trimethylgold. <i>Chemistry - A European Journal</i> , 2017, 23, 6919-6929.	1.7	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. <i>Tetrahedron Letters</i> , 1991, 32, 3247-3250.	0.7	23
79	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
80	Cycloaddition of acetylenedicarbonyl monoacetal and 2,4,5-trithio-1,3-dithiole: Ready access to novel highly extended and sulfur-rich analogues of tetrathiafulvalene (TTF). <i>Tetrahedron Letters</i> , 1995, 36, 1275-1278.	0.7	22
81	Quantitation of capsiate and dihydrocapsiate and tentative identification of minor capsinoids in pepper fruits (<i>Capsicum</i> spp.) by HPLC-ESI-MS/MS(QTOF). <i>Food Chemistry</i> , 2019, 270, 264-272.	4.2	21
82	Pyranilidene/thienothiophene-based organic sensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2019, 161, 205-213.	2.0	21
83	Synthesis of unsymmetrical diheteroarylbenzenes: Benzoazole and quinazoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1991, 28, 359-363.	1.4	20
84	μ^3 -Imido-Functionalized Chevrel-Type Molecular Clusters, a New Class of Inorganic-Organic Hybrid Compounds: Preparations and Alkylation Reactions. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1544-1547.	4.4	20
85	Linearly extended hybrid tetrathiafulvalene analogues with bridged dithienylethylene π -conjugating spacers. <i>Journal of Materials Chemistry</i> , 1997, 7, 2027-2032.	6.7	20
86	Ruthenocene as a new donor fragment in [60]fullerene donor dyads. <i>Tetrahedron Letters</i> , 2005, 46, 4781-4784.	0.7	20
87	Organic sensitizers bearing a trialkylsilyl ether group for liquid dye sensitized solar cells. <i>Dyes and Pigments</i> , 2015, 123, 293-303.	2.0	20
88	An Organogold(III) Difluoride with a <i>trans</i> Arrangement. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6517-6521.	7.2	20
89	π -Conjugation Across the Tetrathiafulvalene Core: Synthesis of Extended Tetrathiafulvalene Derivatives and Theoretical Analysis of their Unusual Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2000, 6, 1199-1213.	1.7	19
90	Highly polarized dithiafulvenes: synthesis and nonlinear optical properties. <i>Tetrahedron Letters</i> , 2006, 47, 661-664.	0.7	19

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91	Synthesis, characterization, and optical properties of novel 1,3-dithiole donor-based chromophores. RSC Advances, 2013, 3, 2953.	1.7	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.	1.1	18
93	Polyacetyl-substituted tetrathiafulvalenes and 1,3-dithiolic derivatives from hex-3-yn-2,5-dione. Tetrahedron Letters, 1996, 37, 8861-8864.	0.7	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.	0.7	18
96	Phosphonic anchoring groups in organic dyes for solid-state solar cells. Physical Chemistry Chemical Physics, 2015, 17, 18780-18789.	1.3	18
97	On the reaction of anthranilic acid with thionyl chloride: The actual structure of α -ketoamides' sulfinamide anhydride. Tetrahedron Letters, 1991, 32, 3263-3264.	0.7	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.	2.1	17
99	The first allylic alcohol derivatives of tetrathiafulvalene. A route to new covalently linked donors. Tetrahedron Letters, 1995, 36, 4319-4322.	0.7	17
100	Gold(I) Fluorohalides: Theory and Experiment. Chemistry - A European Journal, 2017, 23, 1512-1515.	1.7	17
101	$M^{13}C$ Bond Homolysis in Coinage Metal $[M(CF_3)_3]_4$ Derivatives. Angewandte Chemie, 2019, 131, 10059-10063.	1.6	16
102	Gold(II) Trihalide Complexes from Organogold(III) Precursors. Chemistry - A European Journal, 2018, 24, 1514-1517.	1.7	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.	1.9	14
104	Cycloaddition reactions of polyenic donor-acceptor systems with an electron-rich alkyne: access to new chromophores with second-order optical nonlinearities. Organic and Biomolecular Chemistry, 2012, 10, 8684.	1.5	14
105	Influence of thiazole regioisomerism on second-order nonlinear optical chromophores. Tetrahedron, 2012, 68, 6427-6437.	1.0	14
106	Dye-sensitized-solar-cells based on calix[4]arene scaffolds. RSC Advances, 2015, 5, 90667-90670.	1.7	14
107	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. II . 2,2-diamino-6,6-benzoazoles. Journal of Heterocyclic Chemistry, 1990, 27, 321-326.	1.4	13
108	Inertness of the $[Re_6Se_5Cl_3]^{5+}$ cluster core to substitution by OH ⁻ in organic solutions: synthesis, structural and liquid secondary ion mass spectroscopy characterization of $K(H_2O)_2[Re_6Se_5Cl_9]$ and $(n-Bu_4N)[Re_6Se_5Cl_9]$ and the crystal structure of $(n-Bu_4N)_2[Re_6Se_6Cl_8]$. New Journal of Chemistry, 2001, 25, 737-740.	1.4	13

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109	Through-space communication in a TTF-C60-TTF triad. <i>New Journal of Chemistry</i> , 2007, 31, 230-236.	1.4	13
110	Benzothiazolium- π -thiazole-dicyanomethanides: new nonlinear optical chromophores. <i>Tetrahedron Letters</i> , 2010, 51, 6863-6866.	0.7	13
111	A Hyphenated Technique based on High-Performance Thin Layer Chromatography for Determining Neutral Sphingolipids: A Proof of Concept. <i>Chromatography (Basel)</i> , 2015, 2, 167-187.	1.2	13
112	New efficient tert-butylidiphenyl-4H-pyranylidene sensitizers for DSSCs. <i>RSC Advances</i> , 2015, 5, 106706-106709.	1.7	13
113	DSSCs based on aniline derivatives functionalized with a tert -butyldimethylsilyl group and the effect of the π -spacer. <i>Dyes and Pigments</i> , 2018, 148, 61-71.	2.0	13
114	The First Organosilver(III) Fluoride, [PPh ₄][(CF ₃) ₃ AgF]. <i>Chemistry - A European Journal</i> , 2020, 26, 4471-4475.	1.7	13
115	Electron-ionization mass spectra of aminomethyltetrathiafulvalenes. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 587-590.	0.7	12
116	Electron ionization mass spectra and metastable-ion studies on some ethylenedithiotetrathiafulvalene derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 815-818.	0.7	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. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1711.	0.9	12
118	Electron ionization mass spectra of hydroxymethyltetrathiafulvalenes and bis(hydroxymethyl)tetrathiafulvalenes. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 701-705.	0.7	12
119	Probing the conformational changes upon oxidation in cross-conjugated architectures featuring vinylogous TTF units. <i>Tetrahedron Letters</i> , 2005, 46, 7871-7875.	0.7	12
120	Enhancing the temporal stability of DSSCs with novel vinylpyrimidine anchoring and accepting group. <i>Dyes and Pigments</i> , 2022, 203, 110310.	2.0	12
121	Diheterocyclic compounds from dithiocarbamates and derivatives thereof. VI. unsymmetrical N^1 , N^4 -bis(2-benzazolyl)sulphanilamides. <i>Journal of Heterocyclic Chemistry</i> , 1991, 28, 653-656.	1.4	11
122	Bis and tetrakis(6-methyl-1,4-dithiafulven-6-yl) substituted tetrathiafulvalenes (TTF) and their vinylogs as novel π -donors. <i>Tetrahedron Letters</i> , 1997, 38, 1399-1402.	0.7	11
123	On the ring-contraction of 1,4-dithiins to 1,3-dithiole derivatives. <i>Tetrahedron Letters</i> , 2001, 42, 875-877.	0.7	11
124	Synthesis and photophysical properties of ruthenocene-[60]fullerene dyads. <i>New Journal of Chemistry</i> , 2006, 30, 93-101.	1.4	11
125	Theoretical understanding of the increment of $\hat{\nu}^2$ upon protonation of pyridine peripheral octupolar molecules: Toward nonlinear optical sensors. <i>Journal of Chemical Physics</i> , 2007, 127, 164704.	1.2	11
126	Multichromophoric sensitizers based on calix[4]arene scaffold and 4 H -pyranylidene moiety for DSSCs application. <i>Dyes and Pigments</i> , 2017, 136, 505-514.	2.0	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. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1993-2000.	0.7	11
128	HPTLC coupled to ESI-Tandem MS for identifying phospholipids associated to membrane proteins in photosynthetic purple bacteria. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 1-8.	0.5	11
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