

Pierre Frere

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139
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ext. citations

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L-index

#	Paper	IF	Citations
139	Triphenylamine-thienylenevinylene hybrid systems with internal charge transfer as donor materials for heterojunction solar cells. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3459-66	16.4	714
138	3,4-Ethylenedioxythiophene (EDOT) as a versatile building block for advanced functional π -conjugated systems. <i>Journal of Materials Chemistry</i> , 2005 , 15, 1589-1610		367
137	Design of organic semiconductors: tuning the electronic properties of π -conjugated oligothiophenes with the 3,4-ethylenedioxythiophene (EDOT) building block. <i>Chemistry - A European Journal</i> , 2005 , 11, 3742-52	4.8	194
136	Triphenylamine- π -oligothiophene Conjugated Systems as Organic Semiconductors for Opto-Electronics. <i>Chemistry of Materials</i> , 2006 , 18, 2584-2590	9.6	169
135	Salts of extended tetrathiafulvalene analogues: relationships between molecular structure, electrochemical properties and solid state organisation. <i>Chemical Society Reviews</i> , 2005 , 34, 69-98	58.5	159
134	Effect of mono- versus di-ammonium cation of 2,2'-bithiophene derivatives on the structure of organic-inorganic hybrid materials based on iodo metallates. <i>Inorganic Chemistry</i> , 2003 , 42, 5330-9	5.1	146
133	Molecular engineering of the internal charge transfer in thiophene-triphenylamine hybrid π -conjugated systems. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8332-6	4.2	143
132	Synthesis and Characterization of the Electronic and Electrochemical Properties of Thienylenevinylene Oligomers with Multinanometer Dimensions. <i>Journal of the American Chemical Society</i> , 1998 , 120, 8150-8158	16.4	125
131	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	16.4	122
130	Push-pull chromophores based on 2,2'-bi(3,4-ethylenedioxythiophene) (BEDOT) π -conjugating spacer. <i>Tetrahedron Letters</i> , 2001 , 42, 1507-1510	2	120
129	Stable and soluble oligo(3,4-ethylenedioxythiophene)s end-capped with alkyl chains. <i>Journal of Organic Chemistry</i> , 2003 , 68, 5357-60	4.2	115
128	Field-Effect Transistors Based on Oligothiophenevinylenes: From Solution π -Dimers to High-Mobility Organic Semiconductors. <i>Advanced Materials</i> , 2003 , 15, 306-310	24	90
127	Effect of Structural Factor on the Electropolymerization of Bithiophenic Precursors Containing a 3,4-Ethylenedisulfanylthiophene Unit. <i>Macromolecules</i> , 2005 , 38, 6806-6812	5.5	81
126	Extended Thienylenevinylene Oligomers as Highly Efficient Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 942-945	16.4	75
125	Molecular and supramolecular engineering of π -conjugated systems for photovoltaic conversion. <i>Thin Solid Films</i> , 2006 , 511-512, 567-575	2.2	73
124	(C ₄ H ₃ SCH ₂ NH ₃) ₂ (CH ₃ NH ₃)Pb ₂ I ₇ : non-centrosymmetrical crystal structure of a bilayer hybrid perovskite. <i>Chemical Communications</i> , 2002 , 2160-1	5.8	71
123	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, 7254-65	4.2	69

122	Optimization and diagnostic of nonlinear optical features of π -conjugated benzodifuran-based derivatives. <i>RSC Advances</i> , 2016 , 6, 14439-14447	3.7	68
121	3D π -Conjugated Oligothiophenes Based on Sterically Twisted Bithiophene Nodes. <i>Advanced Functional Materials</i> , 2007 , 17, 1163-1171	15.6	65
120	2,5-Bis(1,4-dithiafulven-6-yl) furans, thiophenes and N-methyl pyrroles as extended analogues of tetrathiafulvalene. <i>Tetrahedron Letters</i> , 1992 , 33, 6457-6460	2	60
119	Third-order nonlinear optical properties and two-photon absorption in branched oligothiophenevinylenes. <i>Optics Communications</i> , 2002 , 209, 461-466	2	59
118	Linearly extended tetrathiafulvalene analogues with fused thiophene units as π -conjugated spacers. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1324-1332		59
117	A star-shaped triphenylamine π -conjugated system with internal charge-transfer as donor material for hetero-junction solar cells. <i>Chemical Communications</i> , 2006 , 1416-8	5.8	56
116	Mixed π -conjugated oligomers of thiophene and 3,4-ethylenedioxythiophene (EDOT). <i>Tetrahedron Letters</i> , 2000 , 41, 5521-5525	2	55
115	Low Oxidation Potential Tetrathiafulvalene Analogues Based on 3,4-Dialkoxythiophene π -Conjugating Spacers. <i>Journal of Organic Chemistry</i> , 1999 , 64, 4267-4272	4.2	50
114	Stimulated Emission from a Needle-like Single Crystal of an End-Capped Fluorene/Phenylene Co-oligomer. <i>Advanced Materials</i> , 2003 , 15, 906-909	24	46
113	3- and 3,4-bis(2-cyanoethylsulfanyl)thiophenes as building blocks for functionalized thiophene-based π -conjugated systems. <i>Journal of Organic Chemistry</i> , 2002 , 67, 3961-4	4.2	46
112	3,4-Phenylenedioxythiophene (PheDOT): a novel platform for the synthesis of planar substituted donor conjugated systems. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1396-1400		44
111	Star-shaped triazine π thiophene conjugated systems. <i>Tetrahedron Letters</i> , 2009 , 50, 5673-5676	2	43
110	Thieno[3,4-b]-1,4-oxathiane: an unsymmetrical sulfur analogue of 3,4-ethylenedioxythiophene (EDOT) as a building block for linear π -conjugated systems. <i>Organic Letters</i> , 2002 , 4, 607-9	6.2	43
109	Thiophene-based conjugated oligomers and polymers with high electron affinity. <i>Advanced Materials</i> , 1996 , 8, 990-994	24	43
108	Facile synthesis of 3-alkoxy-4-cyanothiophenes as new building blocks for donor-acceptor conjugated systems. <i>Organic Letters</i> , 2011 , 13, 1762-5	6.2	42
107	Star-shaped conjugated systems derived from dithiafulvenyl-derivatized triphenylamines as active materials for organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2008 , 92, 1170-1174	6.4	42
106	Electronic properties and reactivity of short-chain oligomers of 3,4-phenylenedioxythiophene (PheDOT). <i>Chemistry - A European Journal</i> , 2006 , 12, 2960-6	4.8	42
105	Strong π -electron donors based on a self-rigidified 2,2'-bi(3,4-ethylenedioxy)thiophene π tetrathiafulvalene hybrid π -conjugated system. <i>Tetrahedron Letters</i> , 2003 , 44, 649-652	2	38

104	Control of the bandgap of conducting polymers by rigidification of the π -conjugated system. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2249-2250		36
103	Facile Access via Green Procedures to a Material with the Benzodifuran Moiety for Organic Photovoltaics. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1043-1048	8.3	34
102	3-Fluoro-4-hexylthiophene as a building block for tuning the electronic properties of conjugated polythiophenes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1497-503	4.2	33
101	Effects of structure on the optical and redox properties of the oligothiophene- π -tetrathiafulvalene hybrid system. <i>Advanced Materials</i> , 1994 , 6, 841-845	24	33
100	Fine tuning of the electronic properties of linear π -conjugated oligomers by covalent bridging. <i>Chemistry - A European Journal</i> , 2006 , 12, 1244-55	4.8	32
99	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	2	32
98	Protonated tetrathiafulvalene: preparation, isolation and crystal structure of 2-(1,3-dithiol-2-yl)-1,3-dithiol-1-ium tetrafluoroborate. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 944-945		32
97	Oligothiophenevinylenes incorporating 3,4-ethylenedioxythiophene (EDOT) units. <i>Tetrahedron</i> , 2005 , 61, 3045-3053	2.4	31
96	Effects of structural factors on the π -dimerization and/or disproportionation of the cation radical of extended TTF containing thiophene-based π -conjugated spacers. <i>Chemistry - A European Journal</i> , 2002 , 8, 784-92	4.8	30
95	Electrogenerated small bandgap π -conjugated polymers derived from substituted dithienylethylenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2309-2310		30
94	Extended benzodifuran-furan derivatives as example of π -conjugated materials obtained from sustainable approach. <i>Tetrahedron</i> , 2012 , 68, 8617-8621	2.4	29
93	Evidence for the contribution of sulfur-bromine intramolecular interactions to the self-rigidification of thiophene-based π -conjugated systems. <i>New Journal of Chemistry</i> , 2008 , 32, 932	3.6	29
92	Crystal structure of (NH ₃ ⁺ RNH ₃)(NH ₃ ⁺ RNH ₂)PbI ₅ (R=5,5'-bis(ethylsulfanyl)-2,2'-bithiophene): NH ₃ ⁺ ?NH ₂ interaction as a tool to reach densely packed organic layers in organic-inorganic perovskites. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 1067-1071	3.3	29
91	Extensively conjugated tetrathiafulvalene (TTF)-electron donors with oligothiophenes spacer groups. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 689-691		29
90	2,5-bis(1,4-dithiafulven-6-yl) substituted furans, thiophenes and N-methyl pyrroles as precursors for organic metals. <i>Synthetic Metals</i> , 1993 , 56, 1751-1755	3.6	29
89	Poly(3,6-dimethoxy-thieno[3,2-b]thiophene): a possible alternative to poly(3,4-ethylenedioxythiophene)(PEDOT). <i>Chemical Communications</i> , 2005 , 1161-3	5.8	28
88	Electropolymerization of triphenylamine- π -dithiafulvene hybrid extended π -conjugated systems. <i>New Journal of Chemistry</i> , 2009 , 33, 801	3.6	26
87	Theoretical characterization of the electronic properties of extended thienylenevinylene oligomers. <i>Journal of Chemical Physics</i> , 1999 , 111, 6643-6649	3.9	25

86	Redox states and associated interchain processes of thienylenevinylene oligomers. <i>Chemistry - A European Journal</i> , 2000 , 6, 1698-707	4.8	25
85	Rigid oligomers based on the combination of 3,6-dimethoxythieno[3,2-b]thiophene and 3,4-ethylenedioxythiophene. <i>Tetrahedron Letters</i> , 2009 , 50, 7148-7151	2	24
84	Electrogenerated Low Band Gap Polymers Based on the 3-Cyano-4-methoxythiophene Building Block. <i>Macromolecules</i> , 2009 , 42, 5593-5599	5.5	24
83	Effect of heteroaromatic spacers on the structure and electrical properties of cation radical salts of tetrathiafulvalene analogs. <i>Journal of Materials Chemistry</i> , 1998 , 8, 363-366		23
82	Molecular engineering of hybrid π -conjugated oligomers combining 3,4-ethylenedioxythiophene (EDOT) and thiophene-S,S-dioxide units. <i>Tetrahedron</i> , 2007 , 63, 9774-9783	2.4	23
81	Acid mediated intramolecular cyclization of π -donors bearing two vicinal π -substituted, 1,4-dithiafulven-6-yl substituents on a C-C bond. <i>Tetrahedron Letters</i> , 1993 , 34, 2131-2134	2	23
80	Synthesis and electrochemical properties of fused [3,4]furano-tetrathiafulvalenes. <i>Tetrahedron Letters</i> , 1997 , 38, 1919-1922	2	22
79	Electrochemically induced intramolecular cyclization of 1,2-bis(1,4-dithiafulven-6-yl)benzenes. <i>Tetrahedron Letters</i> , 1994 , 35, 1991-1994	2	22
78	Synthesis of 3,4-alkoxythieno[2,3-b]thiophene derivatives. The first block copolymer associating the 3,4-ethylenedioxythieno[2,3-b]thiophene (EDOT _h T) unit with 3,4-ethylenedioxythiophene (EDOT) moieties. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 3442-9	3.9	21
77	Extended Oligothiénylenevinylenes End-Capped with 1,4-Dithiafulvenyl π -Donor Groups: Toward a Supramolecular Control of Effective Conjugation Length. <i>Advanced Materials</i> , 1999 , 11, 134-138	24	21
76	Vinylogs of tetrathiafulvalene (TTF) bearing four 1,4-dithiafulven-6-yl substituents : Novel highly extended and sulfur-rich π -donors. <i>Tetrahedron Letters</i> , 1993 , 34, 4005-4008	2	21
75	Effects of aromatic spacers on the properties of organic field effect transistors based on π -extended tetrathiafulvalene derivatives. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3648		20
74	3,4-Vinylenedioxythiophene (VDOT): a new building block for thiophene-based π -conjugated systems. <i>Chemical Communications</i> , 2006 , 275-7	5.8	20
73	Extended hybrid tetrathiafulvalene π -donors with oligothiénylenevinylene conjugated spacer groups. <i>Advanced Materials</i> , 1995 , 7, 390-394	24	20
72	Rational Topological Design for Fluorescence Enhancement upon Aggregation of Distyrylfuran Derivatives. <i>Chemistry - A European Journal</i> , 2015 , 21, 7944-53	4.8	19
71	Extensively π -conjugated soluble oligothiénylenevinylenes. <i>Chemical Communications</i> , 1997 , 301-302	5.8	18
70	Langkettige Thienylenevinylene-Oligomere als effiziente molekulare Drift-E. <i>Angewandte Chemie</i> , 1998 , 110, 990-993	3.6	18
69	Enhancement of the π -electron delocalization and fluorescence efficiency of 1,6-diphenyl-1,3,5-hexatriene by covalent rigidification. <i>Tetrahedron Letters</i> , 2000 , 41, 5057-5061	2	18

68	Synthesis and electronic properties of D-A-D triads based on 3-alkoxy-4-cyanothiophene and benzothienothiophene blocks. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2041-6	4.2	17
67	A donor-acceptor-donor (D π D) molecule based on 3-alkoxy-4-cyanothiophene and dithienopyrrole units as active material for organic solar cells. <i>New Journal of Chemistry</i> , 2012 , 36, 2412	3.6	17
66	Extended benzodifuran-thiophene systems connected with azomethine junctions: synthesis and electronic properties. <i>Tetrahedron Letters</i> , 2015 , 56, 5116-5119	2	16
65	New extended analogues of TTF via triethylphosphite-mediated reaction. <i>Tetrahedron Letters</i> , 2003 , 44, 1623-1626	2	16
64	Oligo(furan-2,5-diylvinylene)s as π -conjugating spacers in linearly extended hybrid tetrathiafulvalene analogues. <i>Journal of Materials Chemistry</i> , 1996 , 6, 1859-1863		16
63	Toward Sustainable Organic Semiconductors from a Broad Palette of Green Reactions. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2707-2714	3.2	15
62	Rapid and green synthesis of complementary D-A small molecules for organic photovoltaics. <i>Organic Electronics</i> , 2017 , 42, 322-328	3.5	15
61	Efficient synthesis of 3,6-dialkoxythieno[3,2-b]thiophenes as precursors of electrogenerated conjugated polymers. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 588-95	3.9	15
60	Linearly Extended Tetrathiafulvalene Analogues with Dithienyl and Difuryl Polyenes π -Conjugated Spacers. <i>Chemistry of Materials</i> , 1996 , 8, 2291-2297	9.6	15
59	Cycloaddition of 3-thioxo-1,2-dithioles onto acetylenedicarbonyl and its mono-diethylacetal: Ready access to intermediates in the tetrathiafulvalene (TTF) series. <i>Tetrahedron Letters</i> , 1993 , 34, 4519-4522	15	15
58	Electronic Properties and Field-Effect Transistors of Oligomers End-Capped with Benzofuran Moieties. <i>ChemPlusChem</i> , 2013 , 78, 459-466	2.8	14
57	A combined substituent and supramolecular approach for improving the electron donor properties of 1,3-dithiole-2-thione derivatives. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2490-2498		14
56	Novel nonlinear optical organic materials: Dithienylethylenes. <i>Journal of Chemical Physics</i> , 2001 , 115, 6179-6184	3.9	14
55	96X Screen-Printed Gold Electrode Platform to Evaluate Electroactive Polymers as Marine Antifouling Coatings. <i>Analytical Chemistry</i> , 2018 , 90, 4978-4981	7.8	13
54	Competition between π - π furan- π -perfluorophenyl stacking interactions in conjugated compounds prepared from azomethine connections. <i>CrystEngComm</i> , 2011 , 13, 5833	3.3	13
53	Polyacetyl-substituted tetrathiafulvalenes and 1,3-dithiolic derivatives from hex-3-yn-2,5-dione. <i>Tetrahedron Letters</i> , 1996 , 37, 8861-8864	2	13
52	3D-conjugated systems based on oligothiophenes and phosphorus nodes. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3202-7	3.9	12
51	An extended tetrathiafulvalene redox-ligand incorporating a thiophene spacer. <i>Tetrahedron Letters</i> , 2008 , 49, 5452-5454	2	12

50	Prediction of the stoichiometry of cation radical salts of organic metals by thin layer cyclic voltammetry. <i>Advanced Materials</i> , 1993 , 5, 445-447	24	12
49	Synthesis and Electrochemical Properties of Highly Extended and Sulfur-Rich Vinyls of Tetrathiafulvalene. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3741	3.2	11
48	Soluble thienylenevinylene oligomers end-capped with 1,3-dithiole-2-ylidene groups. <i>Tetrahedron Letters</i> , 1996 , 37, 6121-6124	2	11
47	Difuryl polyenes as precursors of highly conducting electrogenerated conjugated polymers. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 406, 231-234	4.1	11
46	Solid-State Emission Enhancement via Molecular Engineering of Benzofuran Derivatives. <i>ACS Omega</i> , 2018 , 3, 18542-18552	3.9	11
45	Trithienylphenylamine-extended dithiafulvene hybrids as bifunctional electroactive species. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1034-40	3.9	10
44	Fluorine-fluorine type II versus π - π stacking interactions in the supramolecular organizations of extended thiophene derivatives end capped by imino-perfluorophenyl units. <i>Journal of Fluorine Chemistry</i> , 2015 , 178, 34-39	2.1	9
43	Facile synthesis and optical properties of extended TPA-Benzodifuran derivatives connected by cyano-vinylene junctions. <i>Dyes and Pigments</i> , 2018 , 154, 38-43	4.6	9
42	Clean and Efficient Iodination of Thiophene Derivatives. <i>Synthesis</i> , 2015 , 47, 3901-3906	2.9	9
41	Facile synthesis of 3-substituted thieno[3,2-b]furan derivatives. <i>Tetrahedron Letters</i> , 2008 , 49, 2425-2428		9
40	On Dimensionality of Halogen-Bonded Thiophene Solid-State Assemblies. <i>Israel Journal of Chemistry</i> , 2014 , 54, 689-698	3.4	8
39	Synthesis, electronic properties and packing modes of conjugated systems based on 2,5-di(cyanovinyl)furan or thiophene and imino-perfluorophenyl moieties. <i>New Journal of Chemistry</i> , 2013 , 37, 409-415	3.6	8
38	Stability and 2,4-dinitrotoluene response of organic field effect transistors based on π -conjugated thiophene oligomers. <i>Materials Science and Engineering C</i> , 2008 , 28, 965-970	8.3	8
37	. <i>Chemistry - A European Journal</i> , 2000 , 6, 1698-1707	4.8	8
36	Dithieno[3,2-b:2',3'-d]furan as a new building block for fused conjugated systems. <i>Tetrahedron Letters</i> , 2015 , 56, 6251-6253	2	7
35	A cation radical salt of an extended tetrathiafulvalene analogue with a difurylethylene spacer. <i>New Journal of Chemistry</i> , 1998 , 22, 1051-1054	3.6	7
34	Structure-reactivity relationships in bithiophenic precursors based on the 3-phenoxythiophene building block. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3473		7
33	Exceptional electron donating ability of an extended tetrathiafulvalene derivative. <i>Tetrahedron Letters</i> , 2004 , 45, 2535-2539	2	7

32	Aldehyde Functionalization in the Tetrathiafulvalene Series: Towards New Highly Dimensional Organic Materials Derived from Sulfur-Rich Extended π Donors. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 74, 473-474	1	7
31	Syntheses via a direct arylation method of push-pull molecules based on triphenylamine and 3-cyano-4-hexyloxythiophene moieties. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10516-10522	3.9	6
30	New Derivatives of Tetrathiafulvalenes (TTF): Towards Organic Metals of Enhanced Dimensionality. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994 , 95, 235-248	1	6
29	Proximity effects in mass spectrometry. Electron impact ionization-induced cyclization of 1,2-bis(1,4-dithiafulven-6-yl)benzenes. <i>Organic Mass Spectrometry</i> , 1994 , 29, 571-574		6
28	Electrochemical preparation and crystal structure of (BEDT-TTF)PF ₆ : towards a rational control of the stoichiometry of cation radical salts. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2071-2072		6
27	Spin transport in benzofurane bithiophene based organic spin valves. <i>AIP Advances</i> , 2014 , 4, 017117	1.5	5
26	3-Alkoxy-4-bromothiophenes: general synthesis of monomers and regio-selective preparation of two dimers. <i>Tetrahedron Letters</i> , 2011 , 52, 1288-1291	2	5
25	Electroactive polyacrylates bearing linear conjugated systems based on EDOT moieties. <i>Polymer</i> , 2017 , 117, 17-24	3.9	4
24	Synthesis, spectroscopic and electrochemical properties of new covalent assemblies between TTF and various acceptors. <i>Synthetic Metals</i> , 2015 , 204, 84-89	3.6	4
23	Bis-EDOT end capped by n-hexyl or n-hexylsulfanyl groups: the effect of the substituents on the stability of the oxidized states. <i>New Journal of Chemistry</i> , 2015 , 39, 1678-1684	3.6	4
22	Topological and packing mode modification for solid-state emission enhancement of bis(perfluorostyryl)furan derivatives. <i>New Journal of Chemistry</i> , 2016 , 40, 6728-6734	3.6	4
21	Extended triphenylamine conjugated systems derivatized by perfluorophenyl groups. <i>Tetrahedron Letters</i> , 2011 , 52, 6573-6577	2	4
20	Access to 3,4-furan dithiolate: towards 3,4-dialkylsulfanylfurans and their Diels-Alder adducts with acrylonitrile. <i>Tetrahedron Letters</i> , 2002 , 43, 1825-1828	2	4
19	Effect of alkyl substituents on the adsorption of thienylenevinylene oligomers on the Si(100) surface. <i>Surface Science</i> , 2001 , 473, 1-7	1.8	4
18	The effect of the central linkage on the mass spectrometric behaviour of extended tetrathiafulvalenes. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 856-861	2.2	4
17	Synthesis and electrochemical study of new giant π donors: Ethylenic analogues of tetrathiafulvalene (TTF) bearing two vicinal 1,4-dithiafulven-6-yl substituents. <i>Synthetic Metals</i> , 1993 , 56, 1803-1808	3.6	4
16	Third-order nonlinear optical properties of new dithienylethylenes. <i>Synthetic Metals</i> , 2000 , 109, 315-319	3.6	3
15	Thienylenevinylene oligomers as multinanometer molecular wires. <i>Synthetic Metals</i> , 1999 , 101, 667-670	3.6	3

14	Cation radical salts of the tetrathiafulvalene series : fast mixed valence detection by thin layer cyclic voltammetry. <i>Synthetic Metals</i> , 1993 , 56, 2359-2363	3.6	3
13	Unprecedented Demonstration of Regioselective SE Ar Reaction giving Unsymmetrical Regioregular Oligothiophenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6510-4	4.8	3
12	Synthesis via direct (hetero)arylation polymerization, electrochemical and optical properties of poly (3,4-disubstituted)thiophenes. <i>Polymer</i> , 2019 , 182, 121811	3.9	2
11	Preparation and study of a carbohydrate-functionalized carbon surface by electrochemical oxidation of 4-aminophenyl- β -D-glucopyranoside. <i>Electrochemistry Communications</i> , 2018 , 93, 175-179	5.1	2
10	Degenerate-wave mixing in new dithienylethylenes. <i>Synthetic Metals</i> , 2000 , 110, 229-232	3.6	2
9	Structural optimization of giant analogues of TTF: towards improvement of the solid-state properties in the related materials. <i>Synthetic Metals</i> , 1995 , 70, 1155-1156	3.6	2
8	Revealing the flexoelectric-like response of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) thin films. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 2632-2639	3.2	2
7	Low Band Gap Donor-Acceptor Conjugated Systems Based on 3-Alkoxy or 3-Pyrrolidino-4-cyanothiophene and Benzothiadiazole Units. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1935-1943	4.5	1
6	Syntheses and NMR and XRD studies of carbohydrate-ferrocene conjugates. <i>New Journal of Chemistry</i> , 2019 , 43, 9706-9710	3.6	1
5	Potentialities of flexoelectric effect in soft polymer films for electromechanical applications. <i>Journal of Physics: Conference Series</i> , 2019 , 1322, 012041	0.3	1
4	Exploring the Electronic Properties of Extended Benzofuran-Cyanovinyl Derivatives Obtained from Lignocellulosic and Carbohydrate Platforms Raw Materials. <i>ChemPlusChem</i> , 2021 , 86, 475-482	2.8	1
3	Mass spectrometry evidence for self-rigidification of π -conjugated oligomers containing 3,4-ethylenedioxythiophene groups using RRKM theory and internal energy calibration. <i>European Journal of Mass Spectrometry</i> , 2019 , 25, 239-250	1.1	
2	Refined RGB Strategy for the Synthesis of Polymer-Based Full Organic Luminescent Nanotubes with Broad Emission Bands. <i>ChemPhotoChem</i> , 2020 , 4, 5376-5382	3.3	
1	Preponderant role of pentafluorophenyl moieties for tuning the electronic properties of extended benzodifuran-azomethine derivatives. <i>New Journal of Chemistry</i> , 2021 , 45, 8647-8653	3.6	