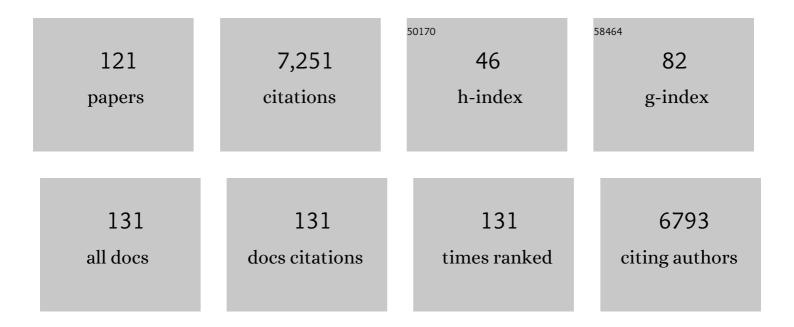
Chunyan Chi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9420529/publications.pdf Version: 2024-02-01



CHIINVAN CHI

#	Article	IF	CITATIONS
1	Enhanced emission by stacking of crown ether side chains in a 2D covalent organic framework. Chemical Communications, 2022, 58, 1302-1305.	2.2	7
2	A Stable [4,3]Periâ€acene Diradicaloid: Synthesis, Structure, and Electronic Properties. Angewandte Chemie - International Edition, 2021, 60, 4464-4469.	7.2	45
3	Synthesis of a Sidewall Fragment of a (12,0) Carbon Nanotube. Angewandte Chemie - International Edition, 2021, 60, 2658-2662.	7.2	75
4	Synthesis of a Sidewall Fragment of a (12,0) Carbon Nanotube. Angewandte Chemie, 2021, 133, 2690-2694.	1.6	25
5	A Stable [4,3]Periâ€acene Diradicaloid: Synthesis, Structure, and Electronic Properties. Angewandte Chemie, 2021, 133, 4514-4519.	1.6	12
6	Frontispiece: A Stable [4,3]Periâ€acene Diradicaloid: Synthesis, Structure, and Electronic Properties. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
7	Frontispiz: A Stable [4,3]Periâ€acene Diradicaloid: Synthesis, Structure, and Electronic Properties. Angewandte Chemie, 2021, 133, .	1.6	0
8	Synthesis of a Highly Fluorescent Bis(1,4â€oxaborine)pentacene. ChemPlusChem, 2021, 86, 836-839.	1.3	4
9	A Tetraindeno-Fused Bis(anthraoxa)quinodimethane with Nine Consecutively Fused Six-Membered Rings. Organic Letters, 2021, 23, 3027-3031.	2.4	6
10	Cyclobis[2,5-(thiophenedimethane)-4,4′-(triphenylamine)] versus Its S,S-Dioxidized Macrocycle: Global Antiaromaticity and Intramolecular Dynamics. Organic Letters, 2021, 23, 6382-6386.	2.4	1
11	Synthesis and Properties of Aza-Ovalene with Six Zigzag Edges. Organic Letters, 2021, 23, 8640-8644.	2.4	9
12	Antiaromatic Dicyclopenta[<i>b,g</i>]/[<i>a,f</i>]naphthalene Isomers Showing an Open-Shell Singlet Ground State with Tunable Diradical Character. Journal of the American Chemical Society, 2021, 143, 20562-20568.	6.6	37
13	Oxidized divinyl oligoacene-bridged diruthenium complexes: bridged localized radical characters and reduced aromaticity in bridge cores. Dalton Transactions, 2020, 49, 16877-16886.	1.6	6
14	Synthesis of a Tetraepoxy Nanobelt and Its Reductive Aromatization Attempts. Organic Materials, 2020, 02, 330-335.	1.0	1
15	Innenrücktitelbild: Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid‣tate Miniatures (Angew. Chem. 47/2020). Angewandte Chemie, 2020, 132, 21431-21431.	1.6	0
16	Sâ€shaped <i>para</i> â€Quinodimethaneâ€Embedded Double [6]Helicene and Its Charged Species Showing Openâ€Shell Diradical Character. Chemistry - A European Journal, 2020, 26, 15613-15622.	1.7	15
17	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solidâ€State Miniatures. Angewandte Chemie, 2020, 132, 21142-21150.	1.6	2
18	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid‣tate Miniatures. Angewandte Chemie - International Edition, 2020, 59, 20956-20964.	7.2	30

#	Article	IF	CITATIONS
19	Formation of Azuleneâ€Embedded Nanographene: Naphthalene to Azulene Rearrangement During the Scholl Reaction. Angewandte Chemie, 2020, 132, 9111-9116.	1.6	45
20	Formation of Azuleneâ€Embedded Nanographene: Naphthalene to Azulene Rearrangement During the Scholl Reaction. Angewandte Chemie - International Edition, 2020, 59, 9026-9031.	7.2	95
21	Cyclobis(7,8â€(para â€quinodimethane)â€4,4′â€triphenylamine) and Its Cationic Species Showing Annulene Global (Anti)Aromaticity. Angewandte Chemie - International Edition, 2019, 58, 11742-11746.	â€Like 7.2	18
22	Cyclobis(7,8â€(para â€quinodimethane)â€4,4′â€ŧriphenylamine) and Its Cationic Species Showing Annulene Global (Anti)Aromaticity. Angewandte Chemie, 2019, 131, 11868-11872.	â€Like I.6	5
23	Sulfur-Containing, Quinodimethane-Embedded Acene Analogue with Nine Consecutively Fused Six-Membered Rings. Organic Letters, 2019, 21, 3127-3130.	2.4	23
24	Photochemistry of various acene based molecules. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2019, 38, 27-46.	5.6	47
25	Extended Bis(anthraoxa)quinodimethanes with Nine and Ten Consecutively Fused Six-Membered Rings: Neutral Diradicaloids and Charged Diradical Dianions/Dications. Journal of the American Chemical Society, 2019, 141, 62-66.	6.6	75
26	Modification of acenes for n-channel OFET materials. Journal of Materials Chemistry C, 2018, 6, 3551-3563.	2.7	103
27	Diazulenoâ€ <i>s</i> â€indacene Diradicaloids: Syntheses, Properties, and Local (anti)Aromaticity Shift from Neutral to Dicationic State. Angewandte Chemie, 2018, 130, 16979-16983.	1.6	24
28	Diazulenoâ€ <i>s</i> â€indacene Diradicaloids: Syntheses, Properties, and Local (anti)Aromaticity Shift from Neutral to Dicationic State. Angewandte Chemie - International Edition, 2018, 57, 16737-16741.	7.2	69
29	Formation of a Macrocyclesâ€inâ€aâ€Macrocycle Superstructure with Allâ€ <i>gauche</i> Conformation by Reversible Radical Association. Angewandte Chemie - International Edition, 2018, 57, 9023-9027.	7.2	35
30	Formation of a Macrocyclesâ€inâ€aâ€Macrocycle Superstructure with Allâ€ <i>gauche</i> Conformation by Reversible Radical Association. Angewandte Chemie, 2018, 130, 9161-9165.	1.6	13
31	Curved π-conjugated corannulene dimer diradicaloids. Chemical Science, 2018, 9, 5100-5105.	3.7	25
32	Anthraceneâ€Fused Dibenzo[<i>def</i> , <i>mno</i>]chrysenes with a Helical Structure. Asian Journal of Organic Chemistry, 2018, 7, 1864-1871.	1.3	1
33	Nonâ€classical Sâ€Heteroacenes with <i>o</i> â€Quinoidal Conjugation and Openâ€Shell Diradical Character. Chemistry - A European Journal, 2017, 23, 8525-8531.	1.7	15
34	Cyclopenta Ring Fused Bisanthene and Its Charged Species with Openâ€5hell Singlet Diradical Character and Global Aromaticity/ Antiâ€Aromaticity. Angewandte Chemie - International Edition, 2017, 56, 11415-11419.	7.2	61
35	Heterocyclic Quinodimethanes. Topics in Current Chemistry, 2017, 375, 68.	3.0	26
36	Cyclopenta Ring Fused Bisanthene and Its Charged Species with Openâ€5hell Singlet Diradical Character and Global Aromaticity/ Antiâ€Aromaticity. Angewandte Chemie, 2017, 129, 11573-11577.	1.6	22

#	Article	IF	CITATIONS
37	Heterocyclic Quinodimethanes. Topics in Current Chemistry Collections, 2017, , 169-207.	0.2	2
38	Different Strategies for the Stabilization of Acenes and Acene Analogues. Chemical Record, 2016, 16, 1690-1700.	2.9	42
39	Zâ€Shaped Pentalenoâ€Acene Dimers with High Stability and Small Band Gap. Angewandte Chemie - International Edition, 2016, 55, 2693-2696.	7.2	59
40	Extended Bis(benzothia)quinodimethanes and Their Dications: From Singlet Diradicaloids to Isoelectronic Structures of Long Acenes. Angewandte Chemie - International Edition, 2016, 55, 9316-9320.	7.2	68
41	Diacenopentalene dicarboximides as new n-type organic semiconductors for field-effect transistors. Journal of Materials Chemistry C, 2016, 4, 8758-8764.	2.7	34
42	Extended Bis(benzothia)quinodimethanes and Their Dications: From Singlet Diradicaloids to Isoelectronic Structures of Long Acenes. Angewandte Chemie, 2016, 128, 9462-9466.	1.6	21
43	Benzo[4,5]cyclohepta[1,2-b]fluorene: an isomeric motif for pentacene containing linearly fused five-, six- and seven-membered rings. Chemical Science, 2016, 7, 6176-6181.	3.7	45
44	Zâ€5haped Pentalenoâ€Acene Dimers with High Stability and Small Band Gap. Angewandte Chemie, 2016, 128, 2743-2746.	1.6	15
45	Photophysical properties of octupolar triazatruxene-based chromophores. Physical Chemistry Chemical Physics, 2016, 18, 6789-6798.	1.3	21
46	Benzo-thia-fused [n]thienoacenequinodimethanes with small to moderate diradical characters: the role of pro-aromaticity versus anti-aromaticity. Chemical Science, 2016, 7, 3036-3046.	3.7	38
47	Tuneable Singlet Exciton Fission and Triplet–Triplet Annihilation in an Orthogonal Pentacene Dimer. Advanced Functional Materials, 2015, 25, 5452-5461.	7.8	184
48	Dipolar Quinoidal Acene Analogues as Stable Isoelectronic Structures of Pentacene and Nonacene. Angewandte Chemie - International Edition, 2015, 54, 14412-14416.	7.2	36
49	Pro-aromatic and anti-aromatic π-conjugated molecules: an irresistible wish to be diradicals. Chemical Society Reviews, 2015, 44, 6578-6596.	18.7	522
50	Bisindeno-annulated pentacenes with exceptionally high photo-stability and ordered molecular packing: simple synthesis by a regio-selective Scholl reaction. Chemical Communications, 2015, 51, 3604-3607.	2.2	78
51	Pro-aromatic bisphenaleno-thieno[3,2-b]thiophene versus anti-aromatic bisindeno-thieno[3,2-b]thiophene: different ground-state properties and applications in field-effect transistors. Chemical Communications, 2015, 51, 13178-13180.	2.2	21
52	Thienoaceneâ€Fused Pentalenes: Syntheses, Structures, Physical Properties and Applications for Organic Fieldâ€Effect Transistors. Chemistry - A European Journal, 2015, 21, 2019-2028.	1.7	35
53	Dianthraceno[a,e]pentalenes: synthesis, crystallographic structures and applications in organic field-effect transistors. Chemical Communications, 2015, 51, 503-506.	2.2	70
54	Synthesis of Ultrahighly Electron-Deficient Pyrrolo[3,4- <i>d</i>]pyridazine-5,7-dione by Inverse Electron Demand Diels–Alder Reaction and Its Application as Electrochromic Materials. Organic Letters, 2014, 16, 6386-6389.	2.4	51

Chunyan Chi

#	Article	IF	CITATIONS
55	Solutionâ€Processable nâ€Type Semiconductors Based on Unsymmetrical Naphthalene Imides: Synthesis, Characterization, and Applications in Fieldâ€Effect Transistors. Chemistry - an Asian Journal, 2014, 9, 253-260.	1.7	17
56	Conjugated polyfluorene imidazolium ionic liquids intercalated reduced graphene oxide for high performance supercapacitor electrodes. Nano Energy, 2014, 6, 119-128.	8.2	37
57	<i>N</i> -Annulated Perylene as An Efficient Electron Donor for Porphyrin-Based Dyes: Enhanced Light-Harvesting Ability and High-Efficiency Co(II/III)-Based Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2014, 136, 265-272.	6.6	283
58	Antiaromatic bisindeno-[n]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. Chemical Science, 2014, 5, 4490-4503.	3.7	62
59	A kinetically blocked 1,14:11,12-dibenzopentacene: a persistent triplet diradical of a non-Kekulé polycyclic benzenoid hydrocarbon. Chemical Science, 2014, 5, 1908.	3.7	69
60	Water induced zinc oxide thin film formation and its transistor performance. Journal of Materials Chemistry C, 2014, 2, 5397-5403.	2.7	29
61	Recent Highlights and Perspectives on Acene Based Molecules and Materials. Chemistry of Materials, 2014, 26, 4046-4056.	3.2	277
62	Stable 7,14-Disubstituted-5,12-Dithiapentacenes with Quinoidal Conjugation. Organic Letters, 2014, 16, 3966-3969.	2.4	44
63	Pyromellitic diimideâ€based copolymers for ambipolar fieldâ€effect transistors: Synthesis, characterization, and device applications. Journal of Polymer Science Part A, 2014, 52, 2454-2464.	2.5	7
64	Tetracyanoquaterrylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Nearâ€Infrared Absorption. Angewandte Chemie - International Edition, 2013, 52, 8561-8565.	7.2	94
65	Bisacenaphthopyrazinoquinoxaline derivatives: synthesis, physical properties and applications as semiconductors for n-channel field effect transistors. Organic and Biomolecular Chemistry, 2013, 11, 5683.	1.5	4
66	TCNQ-embedded heptacene and nonacene: synthesis, characterization and physical properties. Organic and Biomolecular Chemistry, 2013, 11, 6285.	1.5	7
67	A phthalimide-fused naphthalene diimide with high electron affinity for a high performance n-channel field effect transistor. RSC Advances, 2013, 3, 6775.	1.7	15
68	Dibenzoheptazethrene Isomers with Different Biradical Characters: An Exercise of Clar's Aromatic Sextet Rule in Singlet Biradicaloids. Journal of the American Chemical Society, 2013, 135, 18229-18236.	6.6	167
69	6,13-Dicyano pentacene-2,3:9,10-bis(dicarboximide) for solution-processed air-stable n-channel field effect transistors and complementary circuit. Journal of Materials Chemistry C, 2013, 1, 456-462.	2.7	30
70	Cyanated Diazatetracene Diimides with Ultrahigh Electron Affinity for <i>n</i> -Channel Field Effect Transistors. Organic Letters, 2013, 15, 1194-1197.	2.4	72
71	Solution-Processed LiF-Doped ZnO Films for High Performance Low Temperature Field Effect Transistors and Inverted Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 6687-6693.	4.0	63
72	Pushing Extended <i>p</i> -Quinodimethanes to the Limit: Stable Tetracyano-oligo(<i>N</i> -annulated) Tj ETQqO	0 0 rgBT 6.6	Overlock 10/ 170

72

5

2013, 135, 6363-6371.

#	Article	IF	CITATIONS
73	Solution-processable n-type and ambipolar semiconductors based on a fused cyclopentadithiophenebis(dicyanovinylene) core. Chemical Communications, 2013, 49, 7135.	2.2	25
74	A <i>p</i> â€Quinodimethaneâ€Bridged Porphyrin Dimer. Chemistry - A European Journal, 2013, 19, 16814-16824.	1.7	38
75	Controlled Growth of Largeâ€Area Highâ€Performance Smallâ€Molecule Organic Singleâ€Crystalline Transistors by Slotâ€Die Coating Using A Mixed Solvent System. Advanced Materials, 2013, 25, 6442-6447.	11.1	123
76	Functionalized Coronenes: Synthesis, Solid Structure, and Properties. Journal of Organic Chemistry, 2012, 77, 11319-11324.	1.7	35
77	Large core-expanded triazatruxene-based discotic liquid crystals: synthesis, characterization and physical properties. Journal of Materials Chemistry, 2012, 22, 13180.	6.7	31
78	Dithieno-naphthalimide based copolymers for air-stable field effect transistors: synthesis, characterization and device performance. Journal of Materials Chemistry, 2012, 22, 21201.	6.7	11
79	Low band gap polycyclic hydrocarbons: from closed-shell near infrared dyes and semiconductors to open-shell radicals. Chemical Society Reviews, 2012, 41, 7857.	18.7	590
80	Linear and star-shaped pyrazine-containing acene dicarboximides with high electron-affinity. Organic and Biomolecular Chemistry, 2012, 10, 7045.	1.5	71
81	Incorporating TCNQ into Thiophene-Fused Heptacene for n-Channel Field Effect Transistor. Organic Letters, 2012, 14, 2786-2789.	2.4	27
82	Large-Size Linear and Star-Shaped Dihydropyrazine Fused Pyrazinacenes. Organic Letters, 2012, 14, 494-497.	2.4	48
83	Stepwise Cyanation of Naphthalene Diimide for n-Channel Field-Effect Transistors. Organic Letters, 2012, 14, 2964-2967.	2.4	92
84	Doubly and Triply Linked Porphyrinâ^'Perylene Monoimides as Near IR Dyes with Large Dipole Moments and High Photostability. Journal of Organic Chemistry, 2011, 76, 661-664.	1.7	44
85	Synthesis and Characterizations of Star-Shaped Octupolar Triazatruxenes-Based Two-Photon Absorption Chromophores. Journal of Organic Chemistry, 2011, 76, 780-790.	1.7	108
86	6,13-Dibromopentacene [2,3:9,10]-Bis(dicarboximide): A Versatile Building Block for Stable Pentacene Derivatives. Organic Letters, 2011, 13, 924-927.	2.4	69
87	Thiophene-Fused Tetracene Diimide with Low Band Gap and Ambipolar Behavior. Organic Letters, 2011, 13, 5960-5963.	2.4	76
88	Synthetic Chemistry of Acenes and Heteroacenes. Current Organic Chemistry, 2010, 14, 2070-2108.	0.9	68
89	A Cruciform 6,6′â€Dipentacenyl: Synthesis, Solidâ€State Packing and Applications in Thinâ€Film Transistors. Chemistry - A European Journal, 2010, 16, 464-468.	1.7	63
90	Graphene oxide/ferric hydroxide composites for efficient arsenate removal from drinking water. Journal of Hazardous Materials, 2010, 182, 162-168.	6.5	295

#	Article	IF	CITATIONS
91	Synthesis of functionalized tetracene dicarboxylic imides. Tetrahedron Letters, 2010, 51, 6313-6315.	0.7	31
92	Dicarboxylic imideâ€substituted poly(<i>p</i> â€phenylene vinylenes) with high electron affinity. Journal of Polymer Science Part A, 2010, 48, 186-194.	2.5	16
93	<i>meso</i> -Substituted Bisanthenes as Soluble and Stable Near-infrared Dyes. Journal of Organic Chemistry, 2010, 75, 856-863.	1.7	72
94	H-Shaped Oligothiophenes with Low Band Gaps and Amphoteric Redox Properties. Organic Letters, 2010, 12, 5660-5663.	2.4	13
95	Efficient synthesis of a hetero[4]rotaxane by a "threading-stoppering-followed-by-clipping―approach. Organic and Biomolecular Chemistry, 2010, 8, 2594.	1.5	43
96	Fused Bispentacenequinone and Its Unexpected Michael Addition. Organic Letters, 2010, 12, 3946-3949.	2.4	56
97	New Discotic Mesogens Based on Triphenylene-Fused Triazatruxenes: Synthesis, Physical Properties, and Self-Assembly. Chemistry of Materials, 2010, 22, 435-449.	3.2	113
98	A Stable Heptacene Derivative Substituted With Electron-Deficient Trifluoromethylphenyl and Triisopropylsilylethynyl Groups. Organic Letters, 2010, 12, 3360-3363.	2.4	114
99	Synthesis, Self-Assembly, and Charge Transporting Property of Contorted Tetrabenzocoronenes. Journal of Organic Chemistry, 2010, 75, 8069-8077.	1.7	88
100	Synthesis, physical properties and self-assembly of star-shaped oligothiophenes-substituted and fused triphenylenes. Journal of Materials Chemistry, 2010, 20, 1932.	6.7	42
101	Efficient Preparation of Separable Pseudo[<i>n</i>]rotaxanes by Selective Threading of Oligoalkylammonium Salts with Cucurbit[7]uril. Chemistry - A European Journal, 2009, 15, 6050-6057.	1.7	31
102	Bisanthracene Bis(dicarboxylic imide)s as Soluble and Stable NIR Dyes. Chemistry - A European Journal, 2009, 15, 9299-9302.	1.7	70
103	Small angle neutron scattering as sensitive tool to detect ligand-dependent shape changes in a plant lectin with β-trefoil folding and their dependence on the nature of the solvent. Glycoconjugate Journal, 2009, 26, 111-116.	1.4	12
104	Bis-N-annulated Quaterrylenebis(dicarboximide) as a New Soluble and Stable Near-Infrared Dye. Organic Letters, 2009, 11, 4508-4511.	2.4	71
105	Electron-Deficient Triphenylene and Trinaphthylene Carboximides. Organic Letters, 2009, 11, 3028-3031.	2.4	65
106	A Soluble and Stable Quinoidal Bisanthene with NIR Absorption and Amphoteric Redox Behavior. Organic Letters, 2009, 11, 4854-4857.	2.4	56
107	Room-temperature discotic liquid crystals based on oligothiophenes—attached and fused triazatruxenes. Journal of Materials Chemistry, 2009, 19, 8327.	6.7	41
108	π-Conjugated oligothiophene–anthracene co-oligomers: synthesis, physical properties, and self-assembly. Journal of Materials Chemistry, 2009, 19, 8202.	6.7	21

#	Article	IF	CITATIONS
109	Anatomy and Growth Characteristics of Conjugated Polyelectrolyte/DNA Aggregates. Advanced Functional Materials, 2008, 18, 3606-3612.	7.8	13
110	Managing Photoexcited States in Conjugated Polymers. Macromolecular Symposia, 2008, 268, 1-8.	0.4	3
111	Design of Cationic Conjugated Polyelectrolytes for DNA Concentration Determination. Journal of the American Chemical Society, 2007, 129, 11134-11145.	6.6	109
112	Lifetime determination of fluorescence and phosphorescence of a series of oligofluorenes. Journal of Chemical Physics, 2006, 124, 024907.	1.2	41
113	Packing and Uniaxial Alignment of Liquid Crystalline Oligofluorenes. Macromolecular Chemistry and Physics, 2005, 206, 1597-1609.	1.1	36
114	Chain-Length Dependence of the Electrochemical Properties of Conjugated Oligofluorenes. Macromolecular Rapid Communications, 2005, 26, 1532-1537.	2.0	109
115	Monodisperse Oligofluorenes with Keto Defect as Models to Investigate the Origin of Green Emission From Polyfluorenes: Synthesis, Self-Assembly, and Photophysical Properties. Chemistry - A European Journal, 2005, 11, 6833-6845.	1.7	99
116	Molecular dynamics of oligofluorenes: A dielectric spectroscopy investigation. Journal of Chemical Physics, 2004, 120, 2368-2374.	1.2	30
117	Synthesis and Characterization of Monodisperse Oligofluorenes. Chemistry - A European Journal, 2004, 10, 2681-2688.	1.7	177
118	Rapid electron propagation through molecular wire monolayers sandwiched between two gold electrodes. Synthetic Metals, 2001, 121, 1269-1270.	2.1	1
119	Redoxactive Phenylacetylene Monodendrons:  Rapid Solid-Phase Synthesis and Their Electrochemical Properties. Macromolecules, 2001, 34, 3812-3814.	2.2	18
120	A new solid-supported iterative divergent/convergent strategy for the synthesis of dendrimers. Tetrahedron Letters, 2001, 42, 2181-2184.	0.7	17
121	A One-Pot Procedure to Prepare S-Protected 4-lodothiophenols. Synthetic Communications, 2000, 30, 4293-4298.	1.1	11