

# Heinz Langhals

## List of Publications by Year in descending order

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139  
papers

5,064  
citations

109321

35  
h-index

98798

67  
g-index

162  
all docs

162  
docs citations

162  
times ranked

3956  
citing authors

#	ARTICLE	IF	CITATIONS
1	FRET in Orthogonal, Increasingly Strain-Rigidified Systems. Israel Journal of Chemistry, 2022, 62, .	2.3	1
2	1,7-Diazaperylene in Organic Field Effect Transistors. Israel Journal of Chemistry, 2022, 62, .	2.3	1
3	Vibronic Intramolecular Resonant Energy Transfer along More than 5 nm: Synthesis of Dyads for a Re-Examination of the Distance Function of FRET. Journal of Organic Chemistry, 2022, 87, 9454-9465.	3.2	3
4	A Three-Step Synthesis of 1,7-Diazaperylene and Derivatives. Synthesis, 2021, 53, 713-722.	2.3	2
5	Label-free identification and differentiation of different microplastics using phasor analysis of fluorescence lifetime imaging microscopy (FLIM)-generated data. Chemico-Biological Interactions, 2021, 342, 109466.	4.0	20
6	Terminal Terthiophenediones: Fast-Decay Fluorescent Dyes and Their Efficient Syntheses. ACS Omega, 2021, 6, 24973-24980.	3.5	1
7	Anharmonic Molecular Motion Drives Resonance Energy Transfer in peri-Arylene Dyads. Frontiers in Chemistry, 2020, 8, 579166.	3.6	5
8	OrthoFRET in Diamantane FRET in Orthogonal Stiff Dyads; Diamond Restriction for Frozen Vibrations. Journal of Organic Chemistry, 2020, 85, 11154-11169.	3.2	5
9	FRET in Dyads with Orthogonal Chromophores and Minimal Spectral Overlap. Journal of Physical Chemistry A, 2020, 124, 1554-1560.	2.5	11
10	Fluorescence and fluorescent dyes. Physical Sciences Reviews, 2020, 5, .	0.8	3
11	Stability of Selected Hydrogen Bonded Semiconductors in Organic Electronic Devices. Chemistry of Materials, 2019, 31, 6315-6346.	6.7	55
12	A method for sorting of plastics with an apparatus specific quantum efficiency approach. , 2019, , .		3
13	Persistent radical anions in the series of peri-arylenes: broadband light absorption until far in the NIR and purely organic magnetism. Monatshefte für Chemie, 2019, 150, 885-900.	1.8	4
14	Light-Driven Molecular Dynamics in Perylenes with Medium-Controlled Emission. Journal of Organic Chemistry, 2019, 84, 5425-5430.	3.2	3
15	A Sustainable Preparation of Functional Perylenophanes by Domino Metathesis. Green and Sustainable Chemistry, 2019, 09, 38-77.	1.2	1
16	A Convenient Synthesis of Azulene. Synthesis, 2018, 50, 1862-1866.	2.3	7
17	Structure-Based Theory of Fluctuation-Induced Energy Transfer in a Molecular Dyad. Journal of Physical Chemistry Letters, 2018, 9, 5940-5947.	4.6	15
18	Vom Allgemeinen zum Einzelfall - Konzepte auf dem Praxistaufstand. Nachrichten Aus Der Chemie, 2018, 66, 601-604.	0.0	1

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19	Heterocyclic structures applied as efficient molecular probes for the investigation of chemically important interactions in the liquid phase. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 2-10.	1.2	11
20	Uncatalyzed C-H Amination of Aromatic Compounds under Unusually Mild Conditions with Negative Enthalpies of Activation. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1080-1085.	2.7	7
21	Novel Spectrophotometric Protocol for the Long-Term Characterization of the Hue of Artwork. <i>Analytical Letters</i> , 2017, 50, 2270-2278.	1.8	0
22	Fluorescent aryl naphthalene dicarboximides with large Stokes shifts and strong solvatochromism controlled by dynamics and molecular geometry. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11244-11252.	5.5	35
23	Switch-On Fluorescence of a Perylene-Dye-Functionalized Metal-Organic Framework through Postsynthetic Modification. <i>Chemistry - A European Journal</i> , 2015, 21, 10714-10720.	3.3	29
24	Soluble Adamantyl-Substituted Oligothiophenes with Short Fluorescence Decay: An Approach for Ultrafast Optical Signal Processing. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 763-769.	2.7	5
25	Learning about Structural and Optical Properties of Organic Compounds through Preparation of Functional Nanomicelles while Avoiding Hazardous Chemicals or Complicated Apparatus. <i>Journal of Chemical Education</i> , 2015, 92, 1725-1729.	2.3	3
26	Hole-transfer induced energy transfer in perylene diimide dyads with a donor-spacer-acceptor motif. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25061-25072.	2.8	9
27	Sexterylenetetra-carboxylic Bisimides: NIR Dyes. <i>Journal of Organic Chemistry</i> , 2015, 80, 12146-12150.	3.2	21
28	High Performance Recycling of Polymers by Means of Their Fluorescence Lifetimes*. <i>Green and Sustainable Chemistry</i> , 2014, 04, 144-150.	1.2	31
29	Turn-on fluorescence triggered by selective internal dye replacement in MOFs. <i>Chemical Communications</i> , 2014, 50, 3599.	4.1	40
30	How Many Molecular Layers of Polar Solvent Molecules Control Chemistry? The Concept of Compensating Dipoles. <i>Chemistry - A European Journal</i> , 2013, 19, 13511-13521.	3.3	13
31	Substitution of Aromatics by Amines at Room Temperature with Negative Energy of Activation: Amino-arylenes as Metal-Free Components for Dye-Sensitized Solar Cells. <i>Journal of Organic Chemistry</i> , 2013, 78, 9883-9891.	3.2	28
32	Photoinduced processes in a dyad made of a linear and an angular perylene bisimide. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 2137.	2.9	4
33	Chromophores Arranged as Magnetic Meta Atoms: Building Blocks for Molecular Metamaterials. <i>Journal of Organic Chemistry</i> , 2013, 78, 5889-5897.	3.2	7
34	NIR Absorption of Perylene Dyes and Fluorescence with Large Stokes Shift by Simple Deprotonation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 683-686.	0.7	3
35	Chromophores for Picoscale Optical Computers. , 2013, , 705-728.		20
36	Benzothiadiazoloperylenes and Benzoxadiazoloperylenes: Amorphous Functional Materials. <i>Synthesis</i> , 2012, 44, 3465-3476.	2.3	10

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37	Phosphorescent perylene imides. <i>Chemical Communications</i> , 2012, 48, 4226.	4.1	42
38	Controlling UV/vis Absorption and Stokes Shifts in Highly Fluorescent Chromophores by Molecular Dynamics in Targeted Construction of Dyads. <i>Journal of Organic Chemistry</i> , 2012, 77, 9585-9592.	3.2	19
39	Angular Benzoperylene-tetracarboxylic Bisimides. <i>Chemistry - A European Journal</i> , 2012, 18, 13188-13194.	3.3	9
40	Noncovalent Control of Absorption and Fluorescence Spectra. <i>Journal of Organic Chemistry</i> , 2012, 77, 5965-5970.	3.2	1
41	Photophysical and Redox Properties of Perylene Bis- and Tris-Dicarboximide Fluorophores with Triplet State Formation: Transient Absorption and Singlet Oxygen Sensitization. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1503-1509.	2.5	29
42	Improving the Photoinduced Charge Separation Parameters in Corrole-Perylene Carboximide Dyads by Tuning the Redox and Spectroscopic Properties of the Components. <i>Chemistry - an Asian Journal</i> , 2012, 7, 582-592.	3.3	22
43	Synthesis, staining properties, and biocompatibility of a new cyanine dye for ILM peeling. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 829-838.	1.9	9
44	A versatile standard for bathochromic fluorescence based on intramolecular FRET. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 11055.	2.8	19
45	Axially Chiral Bichromophoric Fluorescent Dyes. <i>Journal of Organic Chemistry</i> , 2011, 76, 990-992.	3.2	34
46	Cyanine Dyes as Optical Contrast Agents for Ophthalmological Surgery. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3903-3925.	6.4	24
47	Room-Temperature Columnar Liquid-Crystalline Perylene Imido-Diesters by a Homogeneous One-Pot Imidification-Esterification of Perylene-3,4,9,10-tetracarboxylic Dianhydride. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 707-712.	2.4	34
48	Thermochromism of perylenes: Dynamics in aromatics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1212-1214.	3.9	6
49	Functionalization of the Benzo[c][1,2,5]thiadiazole Scaffold via Mg-, Zn- and Mn-Intermediates. <i>Synthesis</i> , 2011, 2011, 1302-1308.	2.3	6
50	Förster resonant energy transfer (FRET) in orthogonal chromophores. , 2011, , .		0
51	Lipophilic Optical Supramolecular Nano Devices in the Aqueous Phase. <i>Green and Sustainable Chemistry</i> , 2011, 01, 1-6.	1.2	8
52	Axially Extended Perylene Dyes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3140-3145.	2.4	8
53	On/Off Switching of Perylene Tetracarboxylic Bisimide Luminescence by Means of Substitution at the N-Position by Electron-Rich Mono-, Di-, and Trimethoxybenzenes. <i>Chemistry - A European Journal</i> , 2010, 16, 3.3 13406-13416.	3.3	20
54	Fluorescent nano particles in the aqueous phase by polymer analogous reaction of polyvinyl alcohol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 541-544.	3.9	3

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55	Fluorescent Nano pH Indicators Based on Supramolecular Interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 291-294.	0.7	9
56	Highly efficient energy transfer in a dyad with orthogonally arranged transition dipole moments: Beyond the Limits of Förster?. , 2010, , .		2
57	Förster Resonant Energy Transfer in Orthogonally Arranged Chromophores. Journal of the American Chemical Society, 2010, 132, 16777-16782.	13.7	105
58	Laterally Extended Naphthalene Tetracarboxylic Bisimides. Journal of Organic Chemistry, 2010, 75, 7781-7784.	3.2	28
59	Fluorescent Silica Nanoparticles by Silylation. Chemistry - A European Journal, 2009, 15, 4793-4796.	3.3	15
60	Light-Driven Charge Separation in Isoxazolidine-Perylene Bisimide Dyads. Chemistry - A European Journal, 2009, 15, 12733-12744.	3.3	18
61	Die Farbe der Tonkrieger: Eine Aufgabe für die Chemie. Nachrichten Aus Der Chemie, 2009, 57, 1079-1084.	0.0	0
62	Red shining silica: macroscopic pigments and nanoparticles by silylation. New Journal of Chemistry, 2009, 33, 1829.	2.8	8
63	Electron beam curing with glycerol methacrylate. Journal of Polymer Science Part A, 2008, 46, 6660-6663.	2.3	1
64	New and Efficient Arrays for Photoinduced Charge Separation Based on Perylene Bisimide and Corroles. Chemistry - A European Journal, 2008, 14, 169-183.	3.3	59
65	Anthracene Carboxyimides and Their Dimers. Chemistry - A European Journal, 2008, 14, 5290-5303.	3.3	21
66	Core-Extended Terrylene-tetracarboxydiimides as Novel, Strongly Red Fluorescent Broadband Absorbers. European Journal of Organic Chemistry, 2008, 2008, 797-800.	2.4	11
67	β-(Hydroxyalkyl)naphthalene-tetracarboxydiimides: Organic White Pigments. European Journal of Organic Chemistry, 2008, 2008, 3912-3915.	2.4	5
68	A Click Reaction for Fluorescent Labelling: Application of the 1,3-Dipolar Cycloaddition Reaction. European Journal of Organic Chemistry, 2008, 2008, 6144-6151.	2.4	17
69	FRET in Orthogonally Arranged Chromophores. European Journal of Organic Chemistry, 2008, 2008, 4559-4562.	2.4	37
70	Energy- and Electron-Transfer Processes in Corrole-Perylenebisimide-Triphenylamine Array. Journal of Physical Chemistry C, 2008, 112, 19699-19709.	3.1	67
71	Brightly shining nanoparticles: lipophilic perylene bisimides in aqueous phase. New Journal of Chemistry, 2008, 32, 21-23.	2.8	15
72	Three Orthogonal Chromophores Operating Independently within the Same Molecule. Journal of Organic Chemistry, 2008, 73, 1113-1116.	3.2	42

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73	Molecular Devices. Chiral, Bichromophoric Silicones: Ordering Principles in Complex Molecules. , 2008, , 51-63.		13
74	The Fluorescence Labelling of Primary Amines with Perylenetetracarboxydiimides. European Journal of Organic Chemistry, 2007, 2007, 4328-4336.	2.4	10
75	Fluorescent Labels for Aldehydes. Collection of Czechoslovak Chemical Communications, 2006, 71, 625-634.	1.0	6
76	Naphthalene Amidine Imide Dyes by Transamination of Naphthalene Bisimides. Chemistry - A European Journal, 2006, 12, 2815-2824.	3.3	41
77	Methoxyperylene Bisimides and Perylene Lactame Imides: Novel, Red Fluorescent Dyes. Chemistry - A European Journal, 2006, 12, 4642-4645.	3.3	8
78	Chiral, Bichromophoric Silicones: Ordering Principles of Structural Units in Complex Molecules. Angewandte Chemie - International Edition, 2006, 45, 4444-4447.	13.8	11
79	Perylene Dyes with High Resistance to Alkali. European Journal of Organic Chemistry, 2005, 2005, 4313-4321.	2.4	13
80	Control of the Interactions in Multichromophores: Novel Concepts. Perylene Bis-imides as Components for Larger Functional Units. Helvetica Chimica Acta, 2005, 88, 1309-1343.	1.6	335
81	An Unusual <sup>2</sup> -Oxidation of N-Functionalized Alkyl Chains by 1H-Imidazole. Helvetica Chimica Acta, 2005, 88, 2832-2836.	1.6	7
82	A Novel Fluorescent Dye with Strong, Anisotropic Solid-State Fluorescence, Small Stokes Shift, and High Photostability. Angewandte Chemie - International Edition, 2005, 44, 2427-2428.	13.8	151
83	A Novel Fluorescent Dye with Strong, Anisotropic Solid-State Fluorescence, Small Stokes Shift, and High Photostability. Angewandte Chemie - International Edition, 2005, 44, 3955-3955.	13.8	2
84	Eine konservatorische Herausforderung: Das Grabmal des ersten chinesischen Kaisers. Chemie in Unserer Zeit, 2005, 39, 196-211.	0.1	2
85	The Restoration of the Largest Archaeological Discovery â€” A Chemical Problem: Conservation of the Polychromy of the Chinese Terracotta Army in Lintong. ChemInform, 2004, 35, no.	0.0	0
86	Sonnenstrahlung, Hautreaktionen und Sonnenschutz: Chemie am Strand. Chemie in Unserer Zeit, 2004, 38, 98-112.	0.1	13
87	An Unexpectedly Simple NIR Dye for 1.1 $\mu\text{m}$ with a Central Mesoionic Structure. ChemInform, 2003, 34, no.	0.0	0
88	The Restoration of the Largest Archaeological Discoveryâ€”a Chemical Problem: Conservation of the Polychromy of the Chinese Terracotta Army in Lintong. Angewandte Chemie - International Edition, 2003, 42, 5676-5681.	13.8	23
89	An Unexpectedly Simple NIR Dye for 1.1 $\mu\text{m}$ with a Central Mesoionic Structure. Angewandte Chemie - International Edition, 2003, 42, 4286-4288.	13.8	46
90	Chromophores as Elements of Structure for Pico Technology Optical Computers. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 695-697.	0.7	2

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91	Bichromophoric Perylene Derivatives: Energy Transfer from Non-Fluorescent Chromophores. <i>Chemistry - A European Journal</i> , 2002, 8, 5630-5643.	3.3	83
92	The rapid identification of organic colorants by UV/vis spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 573-578.	3.7	14
93	A new and versatile fluorescence standard for quantum yield determination. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 172-174.	2.8	45
94	Novel Fluorescence Labels: The Synthesis of Perylene-3,4,9-tricarboxylic Imides. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 607-610.	2.4	15
95	Novel Fluorescent Dyes by the Extension of the Core of Perylenetetracarboxylic Bisimides. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 365-380.	2.4	143
96	Chromophores Encapsulated in Gold Complexes: DPP Dyes with Novel Properties. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2345-2349.	2.0	18
97	A re-examination of the line shape of the electronic spectra of complex molecules in solution: log-normal function versus gaussian. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 2207-2210.	3.9	26
98	Persistent Fluorescence of Perylene Dyes by Steric Inhibition of Aggregation. <i>Tetrahedron</i> , 2000, 56, 5435-5441.	1.9	143
99	Using N-Aminoperylene-3,4,9,10-tetracarboxylbisimide as a Fluorogenic Reactand in the Optical Sensing of Aqueous Propionaldehyde. <i>Analytical Chemistry</i> , 2000, 72, 1084-1087.	6.5	55
100	Novel Fluorescent Dyes by the Extension of the Core of Perylenetetracarboxylic Bisimides. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 365-380.	2.4	6
101	Peryleneimidazoloimides: Highly Fluorescent and Stable Replacements of Terrylene. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 201-203.	13.8	25
102	Bichromophoric perylene-3,4-dicarboxylic imides: highly intense and light-fast fluorescent dyes. <i>Journal für Praktische Chemie</i> , 1999, 341, 309-311.	0.2	11
103	The Synthesis of Perylenebisimide Monocarboxylic Acids. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 847-851.	2.4	25
104	Cyclophanes as Model Compounds for Permanent, Dynamic Aggregates – Induced Chirality with Strong CD Effects. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 1915-1917.	2.4	95
105	The Identification of Carbonyl Compounds by Fluorescence: A Novel Carbonyl-Derivatizing Reagent. <i>Chemistry - A European Journal</i> , 1998, 4, 2110-2116.	3.3	28
106	Intense Dyes through Chromophore-Chromophore Interactions: Bi- and Trichromophoric Perylene-3,4,9,10-bis(dicarboximide)s. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 952-955.	13.8	93
107	Spectroscopic properties of new and convenient standards for measuring fluorescence quantum yields. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 2919-2922.	1.7	187
108	The Identification of Carbonyl Compounds by Fluorescence: A Novel Carbonyl-Derivatizing Reagent. <i>Chemistry - A European Journal</i> , 1998, 4, 2110-2116.	3.3	1



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109	Intense Dyes through Chromophore-Chromophore Interactions: Bi- and Trichromophoric Perylene-3,4:9,10-bis(dicarboximide)s. , 1998, 37, 952.		1
110	Synthesis of Readily Soluble Tetraazaviolanthrone and -isoviolanthrone fluorescent dyes. Journal für Praktische Chemie, Chemiker-Zeitung, 1997, 339, 597-602.	0.5	7
111	Balanced Decarboxylation of Aromatic Polyacids - A One-Step Synthesis of Perylene-3,4-dicarboxylic Anhydride. Liebigs Annalen, 1997, 1997, 467-468.	0.8	8
112	Chiral Bifluorophoric Perylene Dyes with Unusually High CD Effects - a Simple Model for the Photosynthesis Reaction Center. Liebigs Annalen, 1997, 1997, 1151-1153.	0.8	30
113	Conspicuous absorption and fluorescence spectroscopic properties of 3,3'-dihydroxy-2,2'-bipyridines in solution. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4909-4911.	1.7	5
114	Pyrrolo- and Thiophenoperylenedicarboximides - Highly Fluorescent Heterocycles. Liebigs Annalen, 1996, 1996, 1587-1591.	0.8	10
115	Aggregation of perylene dyes in lipid vesicles: The effect of optically active substituents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1996, 52, 747-753.	3.9	17
116	Tangentially Coupled ? Systems and their Through-Space Interaction - trichromophoric perylene dyes. Journal für Praktische Chemie, Chemiker-Zeitung, 1996, 338, 654-659.	0.5	16
117	Highly Photostable Organic Fluorescent Pigments - A Simple Synthesis of Arylpyrrolopyrrolediones (DPP). Liebigs Annalen, 1996, 1996, 679-682.	0.8	14
118	Perylenamidine-imide dyes. Liebigs Annalen, 1995, 1995, 481-486.	0.8	49
119	Synthesis of perylene-3,4-dicarboximides - Novel highly photostable fluorescent dyes. Liebigs Annalen, 1995, 1995, 1229-1244.	0.8	108
120	Tetracarboxylic Bisimide-Lactam Ring Contraction: A Novel Type of Rearrangement. Angewandte Chemie International Edition in English, 1995, 34, 2234-2236.	4.4	24
121	A two-step synthesis of quaternary tetracarboxylic bisimides-novel NIR fluorescent dyes. Tetrahedron Letters, 1995, 36, 6423-6424.	1.4	37
122	Polarized Light Spectroscopy of Dihydropyrrolopyrroledione in Liquids and Liquid Crystals: Molecular Conformation and Influence by an Anisotropic Environment. The Journal of Physical Chemistry, 1995, 99, 8504-8509.	2.9	19
123	Cyclic Carboxylic Imide Structures as Structure Elements of High Stability. Novel Developments in Perylene Dye Chemistry. Heterocycles, 1995, 40, 477.	0.7	460
124	Photophysics, molecular reorientation in solution and X-ray structure of a new fluorescent probe, 1,7-diazaperylene. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 49-54.	1.7	39
125	Spectroscopic Properties of Polycyclic Aromatic Compounds: Examination of Nitromethane as a Selective Fluorescence Quenching Agent for Alternant Polycyclic Aromatic Nitrogen Hetero-Atom Derivatives. Applied Spectroscopy, 1992, 46, 229-235.	2.2	21
126	Spectroscopic studies of fluorescent perylene dyes. Spectrochimica Acta Part A: Molecular Spectroscopy, 1991, 47, 857-861.	0.1	49



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127	Synthese von nichtsymmetrisch substituierten Perylen-Fluoreszenzfarbstoffen. Chemische Berichte, 1991, 124, 529-535.	0.2	149
128	Synthese von 1,7-Diazaperylen. Chemische Berichte, 1990, 123, 1881-1884.	0.2	17
129	Synthese von Reinst-Rubicen und Rubicen-Derivaten. Chemische Berichte, 1990, 123, 1981-1987.	0.2	22
130	A Simple Synthesis of Dihydroxybipyridyls. Synthesis, 1990, 1990, 279-281.	2.3	33
131	Leichtlösliche, lichtechte Perylen-Fluoreszenzfarbstoffe. Chemische Berichte, 1988, 121, 225-230.	0.2	220
132	Rotational barriers in perylene fluorescent dyes. Spectrochimica Acta Part A: Molecular Spectroscopy, 1988, 44, 1189-1193.	0.1	108
133	Fluoreszenzfarbstoffe mit großen Stokes-Shifts - Lösliche Dihydropyrrolopyrrolidone. Chemische Berichte, 1987, 120, 1075-1078.	0.2	81
134	Fluoreszenzfarbstoffe mit großen Stokes-Shifts - eine einfache Synthese von [2,2'-Bipyridin]-3,3'-diol. Chemische Berichte, 1985, 118, 4674-4681.	0.2	28
135	Elektronenreiche Heterocyclen als Donorgruppen in Fluoreszenzfarbstoffen. Chemische Berichte, 1984, 117, 2275-2286.	0.2	8
136	Polarity of Organic Glasses. Angewandte Chemie International Edition in English, 1982, 21, 432-433.	4.4	5
137	Untersuchung des Lösungsmiteleinflusses auf Absorption und Emission bei Fluoreszenzfarbstoffen. Zeitschrift Fur Physikalische Chemie, 1981, 127, 45-53.	2.8	19
138	Farbstoffe für Fluoreszenz-Solarkollektoren. Nachrichten Aus Der Chemie, 1980, 28, 716-718.	0.0	67
139	Balancing from FRET to SET and Further to Photochemistry. Israel Journal of Chemistry, 0, , .	2.3	0