

Sabine Laschat

List of Publications by Year in descending order

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194
papers

5,716
citations

159585

30
h-index

95266

68
g-index

217
all docs

217
docs citations

217
times ranked

5310
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Topics in Ionic Liquid Crystals. ChemPlusChem, 2022, 87, .	2.8	47
2	Chasing Self-Assembly of Thioether-Substituted Flavylum Salts in Solution and Bulk State. ChemPhysChem, 2022, 23, .	2.1	4
3	Side Chain Length-Dependent Dynamics and Conductivity in Self-Assembled Ion Channels. Journal of Physical Chemistry C, 2022, 126, 10995-11006.	3.1	4
4	Alkoxy-bromo-azulenes displaying ambient temperature smectic E-phases. Liquid Crystals, 2021, 48, 832-843.	2.2	5
5	Adventures and Detours in the Synthesis of Hydropentalenes. Synlett, 2021, 32, 119-139.	1.8	2
6	Synthesis and Liquid Crystalline Self-Assembly of Concave Diindoles with a Hydropentalene Core. European Journal of Organic Chemistry, 2021, 2021, 1452-1465.	2.4	3
7	Synthesis of Imidazole and Histidine-Derived Cross-Linkers as Analogues of GOLD and Desmosine. Synthesis, 2021, 53, 2260-2268.	2.3	1
8	Phase behaviour of alkynyl-terminated bicyclo[3.3.0]octa-1,4-diene ligands: a serendipitous discovery of novel calamitic liquid crystals. Liquid Crystals, 2021, 48, 1575-1580.	2.2	0
9	Liquid crystalline hydrazones revisited: dipolar interactions vs hydrogen bonding affecting mesomorphic properties. Liquid Crystals, 2021, 48, 1382-1391.	2.2	8
10	Hierarchical Silica Inverse Opals as a Catalyst Support for Asymmetric Molecular Heterogeneous Catalysis with Chiral Rh-ene Complexes. ChemCatChem, 2021, 13, 2242-2252.	3.7	8
11	Efficient and Spatially Controlled Functionalization of SBA-15 and Initial Results in Asymmetric Rh-Catalyzed 1,2-Additions under Confinement. ChemCatChem, 2021, 13, 2407-2419.	3.7	12
12	Molecular dynamics and electrical conductivity of Guanidinium based ionic liquid crystals: Influence of cation headgroup configuration. Journal of Molecular Liquids, 2021, 330, 115666.	4.9	10
13	Synthesis of Highly Functionalized Hydrindanes via Sequential Organocatalytic Michael/Mukaiyama Aldol Addition and Telescoped Hydrozirconation/Cross-Coupling as Key Steps: En Route to the AB System of Clifednamides. Journal of Organic Chemistry, 2021, 86, 7537-7551.	3.2	3
14	Hockey-stick indoles: turning a calamitic neutral mesogen into an ionic liquid crystal. Liquid Crystals, 2021, 48, 1919-1926.	2.2	0
15	Interplay of Polarity and Confinement in Asymmetric Catalysis with Chiral Rh Diene Complexes in Microemulsions. Chemistry - A European Journal, 2021, 27, 16853-16870.	3.3	3
16	Joint Venture of Metal Cluster and Amphiphilic Cationic Minidendron Resulting in Near Infrared Emissive Lamellar Ionic Liquid Crystals. Chemistry - A European Journal, 2021, , .	3.3	4
17	Frontispiece: Interplay of Polarity and Confinement in Asymmetric Catalysis with Chiral Rh Diene Complexes in Microemulsions. Chemistry - A European Journal, 2021, 27, .	3.3	0
18	Intramolecular Borylation via Sequential B-Mes Bond Cleavage for the Divergent Synthesis of B,N-Doped Benzo[4]helicenes. Angewandte Chemie - International Edition, 2020, 59, 3156-3160.	13.8	90

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19	Coumarin-4-methyl- and p-Hydroxyphenacyl-Based Photoacid Generators with High Solubility in Aqueous Media: Synthesis, Stability and Photolysis. <i>ChemPhotoChem</i> , 2020, 4, 207-217.	3.0	3
20	Buchwald-Hartwig versus Microwave-Assisted Amination of Chloroquinolines: En Route to the Pyoverdin Chromophore. <i>Synlett</i> , 2020, 31, 1177-1181.	1.8	3
21	Experimental and Theoretical Study on the Role of Monomeric vs Dimeric Rhodium Oxazolidinone Norbornadiene Complexes in Catalytic Asymmetric 1,2- and 1,4-Additions. <i>Organometallics</i> , 2020, 39, 3131-3145.	2.3	10
22	Synthesis and Biological Evaluation of a Library of AGE-Related Amino Acid Triazole Crosslinkers. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5368-5379.	2.4	2
23	Electrical Conductivity and Multiple Glassy Dynamics of Crown Ether-Based Columnar Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8728-8739.	2.6	8
24	Fluorenone imidazolium salts as novel de Vries materials. <i>RSC Advances</i> , 2020, 10, 23999-24016.	3.6	8
25	Self-Assembly of Aminocyclopropenium Salts: En Route to Deltic Ionic Liquid Crystals. <i>Angewandte Chemie</i> , 2020, 132, 10644-10652.	2.0	1
26	Self-Assembly of Aminocyclopropenium Salts: En Route to Deltic Ionic Liquid Crystals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10557-10565.	13.8	15
27	Columnar Propeller-Like 1,3,5-Triphenylbenzenes: Probing the Effect of Chlorine on the Suzuki Cross-Coupling and Liquid Crystalline Properties. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2190-2198.	2.4	2
28	Liquid Crystalline Benzoic Acid Ester MIDA Boronates: Synthesis and Mesomorphic Properties. <i>Organic Materials</i> , 2020, 02, 288-299.	2.0	2
29	Ni(NHC) Catalyzed Rearrangement of α -acyl- β -vinylcyclopropanes: Tackling a Mechanistic Puzzle by Combined Experimental and Computational Studies. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6285-6295.	2.4	6
30	Multiple glassy dynamics in dipole functionalized triphenylene-based discotic liquid crystals revealed by broadband dielectric spectroscopy and advanced calorimetry – assessment of the molecular origin. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18265-18277.	2.8	12
31	Flavylium Salts: A Blooming Core for Bioinspired Ionic Liquid Crystals. <i>Chemistry - A European Journal</i> , 2019, 25, 12966-12980.	3.3	13
32	Frontispiece: Asymmetric Catalysis in Liquid Confinement: Probing the Performance of Novel Chiral Rhodium-Diene Complexes in Microemulsions and Conventional Solvents. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
33	Self-Assembly and Fluorescence of Tetracationic Liquid Crystalline Tetraphenylethene. <i>ChemPhysChem</i> , 2019, 20, 2210-2216.	2.1	12
34	Samarium Iodide-Promoted Asymmetric Reformatsky Reaction of 3-(2-Haloacyl)-2-oxazolidinones with Enals. <i>Journal of Organic Chemistry</i> , 2019, 84, 10050-10064.	3.2	8
35	Novel Luminescent Diazafluorenone Liquid Crystals. <i>Crystal Growth and Design</i> , 2019, 19, 4436-4452.	3.0	5
36	Rotational barriers of carbamate-protected amine crosslinkers for hydrogels: A combined experimental and computational study. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3936.	1.9	4

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37	Phase behaviour of star-shaped binary mixtures of triphenylbenzenes, triphenylboroxines and triphenyltriazines. <i>Liquid Crystals</i> , 2019, 46, 1973-1984.	2.2	8
38	Asymmetric Catalysis in Liquid Confinement: Probing the Performance of Novel Chiral Rhodium-Diene Complexes in Microemulsions and Conventional Solvents. <i>Chemistry - A European Journal</i> , 2019, 25, 9464-9476.	3.3	14
39	Improved Electronic Transport in Ion Complexes of Crown Ether Based Columnar Liquid Crystals. <i>Crystals</i> , 2019, 9, 74.	2.2	10
40	Plant virus-based materials for biomedical applications: Trends and prospects. <i>Advanced Drug Delivery Reviews</i> , 2019, 145, 96-118.	13.7	66
41	Asymmetric Organocatalysis Revisited: Taming Hydrindanes with Jørgensen-Hayashi Catalyst. <i>Synthesis</i> , 2019, 51, 1123-1134.	2.3	4
42	Dynamics and ionic conductivity of ionic liquid crystals forming a hexagonal columnar mesophase. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5626-5635.	2.8	31
43	When size matters: exploring the potential of aminocyclopropenium cations as head groups in triphenylene-derived ionic liquid crystals in comparison with guanidinium and ammonium units. <i>Liquid Crystals</i> , 2018, 45, 1250-1258.	2.2	16
44	Mesomorphic properties of cyanobiphenyl dimers with a central malonate unit. <i>Liquid Crystals</i> , 2018, 45, 1626-1636.	2.2	11
45	Synthesis of 1-Acyl-2-vinylcyclopropanes: Utilizing Copper-Carbenoid versus Sulfur Ylide Methodology. <i>Synthesis</i> , 2018, 50, 2367-2384.	2.3	3
46	Hunting for smectic C in calamitic azobenzene ionic liquid crystals with different cationic head groups. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3779.	1.9	13
47	Dendrimeric triphenylbenzenes: helical versus zig-zag arrangement in columnar mesophases. <i>Liquid Crystals</i> , 2018, 45, 164-172.	2.2	12
48	Triazole-based cross-linkers in radical polymerization processes: tuning mechanical properties of poly(acrylamide) and poly(<i>N,N</i> -dimethylacrylamide) hydrogels. <i>RSC Advances</i> , 2018, 8, 34743-34753.	3.6	3
49	Luminescent liquid crystalline hybrid materials by embedding octahedral molybdenum cluster anions with soft organic shells derived from tribenzo[18]crown-6. <i>Dalton Transactions</i> , 2018, 47, 14340-14351.	3.3	5
50	Chemoenzymatic Route to Oxyfunctionalized Cembranoids Facilitated by Substrate and Protein Engineering. <i>Chemistry - A European Journal</i> , 2018, 24, 12010-12021.	3.3	21
51	Large Electro-Optic Kerr Effect in Ionic Liquid Crystals: Connecting Features of Liquid Crystals and Polyelectrolytes. <i>ChemPhysChem</i> , 2018, 19, 2305-2312.	2.1	14
52	Plant virus hybrid materials based on tobacco mosaic virus and small organic cross-linkers. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2018, 7, 187-193.	0.9	2
53	Charge-Controlled Synthetic Hyaluronan-Based Cell Matrices. <i>Molecules</i> , 2018, 23, 769.	3.8	6
54	Self-assembly and biological activities of ionic liquid crystals derived from aromatic amino acids. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20371-20381.	2.8	22

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55	Lord of The Crowns: A New Precious in the Kingdom of Clustomesogens. <i>Angewandte Chemie</i> , 2018, 130, 11866-11870.	2.0	2
56	Lord of The Crowns: A New Precious in the Kingdom of Clustomesogens. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11692-11696.	13.8	20
57	Fluorophobic Effect Promoting Lamellar Self-Assembly of Donor Acceptor Dyes. <i>ChemPhysChem</i> , 2018, 19, 2758-2767.	2.1	3
58	Investigations on the mode of action of gephyronic acid, an inhibitor of eukaryotic protein translation from myxobacteria. <i>PLoS ONE</i> , 2018, 13, e0201605.	2.5	10
59	Encapsulating propeller-like columnar liquid crystals with an aromatic outer shell: influence of phenoxy-terminated side chains on the phase behaviour of triphenylbenzenes. <i>Soft Matter</i> , 2018, 14, 6409-6414.	2.7	10
60	Thermotropic MIDA Boronates as a Case Study for the Role of Dipolar Interactions in Liquid Crystalline Self-Assembly. <i>Chemistry - A European Journal</i> , 2017, 23, 4149-4159.	3.3	11
61	Chemische und biologische Aspekte von "Nutritional Immunity" Perspektiven für neue Antiinfektiva mit Fokus auf bakterielle Eisenaufnahmesysteme. <i>Angewandte Chemie</i> , 2017, 129, 14552-14575.	2.0	7
62	Chemical and Biological Aspects of Nutritional Immunity" Perspectives for New Anti-Infectives that Target Iron Uptake Systems. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14360-14382.	13.8	52
63	Physically and chemically gelling hydrogel formulations based on poly(ethylene glycol) diacrylate and Poloxamer 407. <i>Polymer</i> , 2017, 108, 21-28.	3.8	16
64	Tuning liquid crystalline phase behaviour in columnar crown ethers by sulfur substituents. <i>Organic Chemistry Frontiers</i> , 2017, 4, 790-803.	4.5	12
65	Charge Matters: Modulating Secondary Interactions in Hyaluronan Hydrogels. <i>ChemistrySelect</i> , 2017, 2, 7701-7705.	1.5	4
66	Rigidified Push-Pull Dyes: Using Chromophore Size, Donor, and Acceptor Units to Tune the Ground State between Neutral and the Cyanine Limit. <i>ChemPlusChem</i> , 2017, 82, 1197-1210.	2.8	8
67	Role of Regioisomeric Bicyclo[3.3.0]octa-2,5-diene Ligands in Rh Catalysis: Synthesis, Structural Analysis, Theoretical Study, and Application in Asymmetric 1,2- and 1,4-Additions. <i>Journal of Organic Chemistry</i> , 2017, 82, 13468-13480.	3.2	17
68	Amino acid/crown ether hybrid materials: how charge affects liquid crystalline self-assembly. <i>Soft Matter</i> , 2017, 13, 8379-8391.	2.7	12
69	Charged Triazole Cross-Linkers for Hyaluronan-Based Hybrid Hydrogels. <i>Materials</i> , 2016, 9, 810.	2.9	14
70	Methyl Branching in the Side Chain Makes the Difference: Access to Room-Temperature Discotics. <i>ChemPhysChem</i> , 2016, 17, 1159-1165.	2.1	11
71	Induction of ionic smectic C phases: a systematic study of alkyl-linked guanidinium-based liquid crystals. <i>Liquid Crystals</i> , 2016, 43, 1135-1147.	2.2	17
72	Truncated borrelidin analogues: synthesis by sequential cross metathesis/olefination for the southern fragment and biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8261-8269.	2.8	3

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73	Playing with nanosegregation in discotic crown ethers: from molecular design to OFETs, nanofibers and luminescent materials. <i>Liquid Crystals Today</i> , 2016, 25, 48-60.	2.3	14
74	Tyrosine-Based Ionic Liquid Crystals: Switching from a Smectic A to a Columnar Mesophase by Exchange of the Spherical Counterion. <i>Chemistry - A European Journal</i> , 2016, 22, 16494-16504.	3.3	22
75	First Examples of deVries-like Smectic A to Smectic C Phase Transitions in Ionic Liquid Crystals. <i>ChemPhysChem</i> , 2016, 17, 4116-4123.	2.1	13
76	Phosphorescent columnar hybrid materials containing polyionic inorganic nanoclusters. <i>Chemical Communications</i> , 2016, 52, 3127-3130.	4.1	23
77	Columnar propeller-like 1,3,5-triphenylbenzenes: the missing link of shape-persistent hecates. <i>Soft Matter</i> , 2016, 12, 3730-3736.	2.7	28
78	Synthesis of the AB ring system of clifednamide utilizing Claisen rearrangement and Diels-Alder reaction as key steps. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 884-894.	2.8	8
79	Discotic Liquid Crystals. <i>Chemical Reviews</i> , 2016, 116, 1139-1241.	47.7	647
80	Synthesis of Cembranoid Analogues through Ring-Closing Metathesis of Terpenoid Precursors: A Challenge Regarding Ring-Size Selectivity. <i>Chemistry - A European Journal</i> , 2015, 21, 12396-12404.	3.3	7
81	Photoresponsive ionic liquid crystals based on azobenzene guanidinium salts. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8382-8392.	2.8	25
82	Chemo-, Regio-, and Stereoselective Oxidation of the Monocyclic Diterpenoid Î ² -Cembrenediol by P450 BM3. <i>ACS Catalysis</i> , 2015, 5, 1772-1780.	11.2	64
83	Rigidified merocyanine dyes with different aspect ratios: Dichroism and photostability. <i>Dyes and Pigments</i> , 2015, 121, 46-56.	3.7	13
84	Rigidified malononitrile- and ketone-merocyanines in rigid environments. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2015, 34, 151.	0.6	1
85	Selective allylic hydroxylation of acyclic terpenoids by CYP154E1 from <i>Thermobifida fusca</i> YX. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1347-1353.	2.2	18
86	Headgroups versus symmetry in congruent ion pairs: which one does the job in mesomorphic aryl guanidinium and aryl imidazolium sulphonates?. <i>Liquid Crystals</i> , 2014, 41, 821-838.	2.2	14
87	Cyanobiphenyl versus Alkoxybiphenyl: Which Mesogenic Unit Governs the Mesomorphic Properties of Guanidinium Ionic Liquid Crystals?. <i>Australian Journal of Chemistry</i> , 2014, 67, 1088.	0.9	7
88	Novel Discotic Boroxines: Synthesis and Mesomorphic Properties. <i>Materials</i> , 2014, 7, 4045-4056.	2.9	18
89	Synthesis of Pyridine Acrylates and Acrylamides and Their Corresponding Pyridinium Ions as Versatile Cross-Linkers for Tunable Hydrogels. <i>Synthesis</i> , 2014, 46, 1243-1253.	2.3	8
90	Pushing Steric Bias in the Scholl Reaction to Access Liquid Crystalline Crown Ethers. <i>Journal of Organic Chemistry</i> , 2014, 79, 10143-10152.	3.2	17

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91	Ionic liquid crystals derived from guanidinium salts: induction of columnar mesophases by bending of the cationic core. <i>Liquid Crystals</i> , 2014, 41, 976-985.	2.2	21
92	Influence of Chromophore Length and Acceptor Groups on the Optical Properties of Rigidified Merocyanine Dyes. <i>ChemPlusChem</i> , 2014, 79, 184-184.	2.8	0
93	Asymmetric Evans <i>syn</i> -Aldol Reactions of Terpene-Derived Enals: Scope and Limitations. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6720-6733.	2.4	6
94	SAR studies on hydropentalene derivatives—Important core units of biologically active tetramic acid macrolactams and ptychanolides. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3252-3261.	3.0	5
95	Sulfur makes the difference: synthesis and mesomorphic properties of novel thioether-functionalized imidazolium ionic liquid crystals. <i>Tetrahedron</i> , 2014, 70, 6258-6264.	1.9	10
96	Influence of Chromophore Length and Acceptor Groups on the Optical Properties of Rigidified Merocyanine Dyes. <i>ChemPlusChem</i> , 2014, 79, 223-232.	2.8	22
97	Tricyclic challenges: synthetic approaches toward dodecahydrocyclopenta[a]indenes. <i>Tetrahedron</i> , 2013, 69, 7373-7380.	1.9	2
98	Liquid crystalline guanidinium phenylalkoxybenzoates: towards room temperature liquid crystals via bending of the mesogenic core and the use of triflate counter ions. <i>Liquid Crystals</i> , 2013, 40, 52-71.	2.2	16
99	Ionic Liquid Crystals Derived from Amino Acids. <i>Chemistry - A European Journal</i> , 2013, 19, 16058-16065.	3.3	24
100	Toward Controlling the Formation, Degradation Behavior, and Properties of Hydrogels Synthesized by Aza-Michael Reactions. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1865-1873.	2.2	18
101	Selective Catalytic Oxidation of C-H Bonds with Molecular Oxygen. <i>ChemCatChem</i> , 2013, 5, 82-112.	3.7	238
102	Doing it Twice: Asymmetric Deprotonation/Alkylation of Weiss Diketone Derivatives as Key Steps in the Functionalization of Bicyclo[3.3.0]octanes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 761-771.	2.4	6
103	Tropanes as Scaffolds for Phosphorus Olefin Ligands and Their Application in Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1580-1590.	2.4	12
104	Desmosine-Inspired Cross-Linkers for Hyaluronan Hydrogels. <i>Scientific Reports</i> , 2013, 3, 2043.	3.3	13
105	Synthesis of guanidinium-sulfonimide ion pairs: towards novel ionic liquid crystals. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1093-1101.	2.2	8
106	Towards room temperature ionic liquid crystals: linear versus bent imidazolium phenylpyrimidines. <i>Journal of Materials Chemistry</i> , 2012, 22, 21987.	6.7	31
107	Increased mesophase range in liquid crystalline crown ethers via lower molecular symmetry. <i>Liquid Crystals</i> , 2012, 39, 607-618.	2.2	16
108	Wedge-shaped 1,2-diamidobenzenes forming columnar mesophases via hydrogen bonding. <i>Liquid Crystals</i> , 2012, 39, 303-312.	2.2	24

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109	Synthesis and mesomorphic properties of calamitic malonates and cyanoacetates tethered to 4-cyanobiphenyls. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 371-378.	2.2	8
110	Influence of steric parameters on the synthesis of tetramates from $\hat{1}\pm$ -amino- $\hat{1}^2$ -alkoxy-esters and Ph ₃ PCCO. <i>Tetrahedron</i> , 2012, 68, 697-704.	1.9	16
111	Application of chiral tetrahydropentalene ligands in rhodium-catalyzed 1,4-addition of (E)-2-phenylethenyl- and (Z)-propenylboronic acids to enones. <i>Tetrahedron Letters</i> , 2012, 53, 3506-3509.	1.4	14
112	Designer Ionic Liquid Crystals Based on Congruently Shaped Guanidinium Sulfonates. <i>Chemistry - A European Journal</i> , 2012, 18, 3014-3022.	3.3	35
113	Trinuclear Non \hat{H} eme Iron Complexes Based on 4 \hat{S} ubstituted 2,6 \hat{D} iacylpyridine Ligands as Catalysts in Aerobic Allylic Oxidations. <i>Helvetica Chimica Acta</i> , 2012, 95, 197-210.	1.6	4
114	Liquid crystalline imidazolium salts bearing 5-phenylpyrimidine: dependence of mesomorphic properties on spacer lengths, terminal N-alkyl group and counterions. <i>Liquid Crystals</i> , 2011, 38, 1515-1529.	2.2	17
115	Substituted crown ethers as central units in discotic liquid crystals: effects of crown size and cation uptake. <i>Liquid Crystals</i> , 2011, 38, 531-553.	2.2	44
116	Novel $\hat{1}\pm$ -pinene-derived mono- and bisphosphinite ligands: Synthesis and application in catalytic hydrogenation. <i>Inorganica Chimica Acta</i> , 2011, 374, 94-103.	2.4	12
117	A combined quantum mechanical and experimental approach towards chiral diketopiperazine hydroperoxides. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 682-692.	1.9	6
118	P \hat{S} tereogenic Pinene \hat{D} erived Phosphoramidites and Their Use in Copper \hat{C} atalyzed Conjugate Additions. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 384-392.	2.0	4
119	Chemoenzymatic Synthesis of the C ₃ \hat{C} 11 \hat{F} ragment of Borrelidin. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4241-4249.	2.4	9
120	Synthesis and Biological Evaluation of Gephyronic Acid Derivatives: Initial Steps towards the Identification of the Biological Target of Polyketide Inhibitors of Eukaryotic Protein Synthesis. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7294-7307.	2.4	3
121	Gephyrons \hat{A} ure, ein fehlendes Bindeglied zwischen Polyketid- Inhibitoren der eukaryotischen Proteinsynthese (Teil \hat{A} ...I): Strukturrevision und stereochemische Zuordnung. <i>Angewandte Chemie</i> , 2011, 123, 968-971.	2.0	2
122	Gephyrons \hat{A} ure, ein fehlendes Bindeglied zwischen Polyketid-Inhibitoren der eukaryotischen Proteinsynthese (Teil \hat{A} ...II): Totalsynthese. <i>Angewandte Chemie</i> , 2011, 123, 972-975.	2.0	8
123	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part \hat{A} ...I): Structural Revision and Stereochemical Assignment of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 938-941.	13.8	13
124	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part II): Total Synthesis of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 942-945.	13.8	15
125	Thermotropic Ionic Liquid Crystals. <i>Materials</i> , 2011, 4, 206-259.	2.9	294
126	Liquid Crystalline Crown Ethers. <i>Topics in Current Chemistry</i> , 2011, 318, 109-192.	4.0	24

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127	Influence of <i>N</i> -Alkyl Substituents and Counterions on the Structural and Mesomorphic Properties of Guanidinium Salts: Experiment and Quantum Chemical Calculations. <i>ChemPhysChem</i> , 2010, 11, 3752-3765.	2.1	33
128	Synthesis and Redox Behavior of Novel 9,10-Diphenylphenanthrenes. <i>Helvetica Chimica Acta</i> , 2010, 93, 1912-1924.	1.6	3
129	Synthesis of Functionalized Hydropentalenes by an Asymmetric Deprotonation/Alkylation Strategy. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1149-1157.	2.4	10
130	Enders's SAMP [®] Hydrazone as Traceless Auxiliary in the Asymmetric 1,4-Addition of Cuprates to Enones. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2281-2290.	4.3	17
131	Counterion Effects on the Columnar Mesophases of Triphenylene-Substituted [18]Crown Ethers: Is Flatter Better?. <i>Chemistry - A European Journal</i> , 2010, 16, 6326-6337.	3.3	70
132	Structure-Activity Relationships of Precursors and Analogs of Natural 3-Enoyl-tetramic Acids. <i>Chemistry and Biodiversity</i> , 2010, 7, 2830-2845.	2.1	10
133	Formation of chiral tertiary homoallylic alcohols via Evans aldol reaction or enzymatic resolution and their influence on the Sharpless asymmetric dihydroxylation. <i>Tetrahedron</i> , 2010, 66, 3814-3823.	1.9	14
134	Self-assembled ordered structures in thin films of HAT5 discotic liquid crystal. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 51.	2.2	11
135	Columnar liquid crystals derived from crown ethers with two lateral ester-substituted <i>ortho-terphenyl</i> units: unexpected destabilisation of the mesophase by potassium iodide. <i>Liquid Crystals</i> , 2010, 37, 1139-1149.	2.2	17
136	Ex Chiral Pool Synthesis from a Highly Methyl-branched Wax Ester and Biological Properties of (+)-Capensifuranone. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 639-645.	0.7	6
137	Influence of spacer chain lengths and polar terminal groups on the mesomorphic properties of tethered 5-phenylpyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 63.	2.2	15
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