

# Sabine Laschat

## List of Publications by Year in descending order

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194  
papers

5,716  
citations

159585

30  
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95266

68  
g-index

217  
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217  
docs citations

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times ranked

5310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discotic Liquid Crystals: From Tailor-Made Synthesis to Plastic Electronics. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4832-4887.	13.8	1,106
2	Discotic Liquid Crystals. <i>Chemical Reviews</i> , 2016, 116, 1139-1241.	47.7	647
3	Thermotropic Ionic Liquid Crystals. <i>Materials</i> , 2011, 4, 206-259.	2.9	294
4	Selective Catalytic Oxidation of C-H Bonds with Molecular Oxygen. <i>ChemCatChem</i> , 2013, 5, 82-112.	3.7	238
5	Rational Design of a Minimal and Highly Enriched CYP102A1 Mutant Library with Improved Regio-, Stereo- and Chemoselectivity. <i>ChemBioChem</i> , 2009, 10, 853-861.	2.6	133
6	Chiral Bicyclo[3.3.0]octa-2,5-dienes as Steering Ligands in Substrate-Dependent Rhodium-Catalyzed 1,4-Addition of Arylboronic Acids to Enones. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2331-2337.	4.3	120
7	Intramolecular Borylation via Sequential B-Mes Bond Cleavage for the Divergent Synthesis of B,N-Doped Benzo[4]helicenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3156-3160.	13.8	90
8	Synthesis of Novel Chiral Ionic Liquids and Their Phase Behavior in Mixtures with Smectic and Nematic Liquid Crystals. <i>Helvetica Chimica Acta</i> , 2004, 87, 2742-2749.	1.6	72
9	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
10	Plant virus-based materials for biomedical applications: Trends and prospects. <i>Advanced Drug Delivery Reviews</i> , 2019, 145, 96-118.	13.7	66
11	Chemo-, Regio-, and Stereoselective Oxidation of the Monocyclic Diterpenoid Î²-Cembrenediol by P450 BM3. <i>ACS Catalysis</i> , 2015, 5, 1772-1780.	11.2	64
12	Enantioselective Total Synthesis of Cylindramide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 820-822.	13.8	59
13	Convergent Synthesis of Columnar Twins and Tetramers from Triphenylene Building Blocks - The First Example of a Columnar Spiro-Twin. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2499-2506.	2.4	52
14	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
15	Total Synthesis and NMR Investigations of Cylindramide. <i>Chemistry - A European Journal</i> , 2006, 12, 2488-2503.	3.3	50
16	Synthesis and Electrochemical Properties of Tetrasubstituted Tetraphenylethenes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3395-3404.	2.4	50
17	Current Topics in Ionic Liquid Crystals. <i>ChemPlusChem</i> , 2022, 87, .	2.8	47
18	Tetraphenylethene-Derived Columnar Liquid Crystals and Their Oxidative Photocyclization. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2829-2839.	2.4	46

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19	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
20	Diketopiperazine-derived hydroperoxide for chemoselective oxidations of sulfides and enantioselective Weitzâ€“Scheffer epoxidations. <i>Tetrahedron Letters</i> , 2008, 49, 1971-1974.	1.4	43
21	Columnar Mesophases Controlled by Counterions in Potassium Complexes of Dibenzo[18]crownâ€“6 Derivatives. <i>Chemistry - A European Journal</i> , 2009, 15, 9530-9542.	3.3	43
22	Chiral Phosphites and Phosphoramidites Based on the Tropane Skeleton and Their Application in Catalysis. <i>Organometallics</i> , 2006, 25, 2284-2291.	2.3	40
23	Guanidinium Chlorides with Triphenylene Moieties Displaying Columnar Mesophases. <i>Chemistry of Materials</i> , 2008, 20, 1909-1915.	6.7	40
24	Columnar and Smectic Liquid Crystals Based on Crown Ethers. <i>Chemistry - A European Journal</i> , 2006, 12, 1026-1035.	3.3	37
25	Hydroxylation of Dodecanoic Acid and (2R,4R,6R,8R)-Tetramethyldecanol on a Preparative Scale using an NADH- Dependent CYP102A1 Mutant. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1451-1461.	4.3	35
26	Designer Ionic Liquid Crystals Based on Congruently Shaped Guanidinium Sulfonates. <i>Chemistry - A European Journal</i> , 2012, 18, 3014-3022.	3.3	35
27	p-Alkoxybiphenyls with guanidinium head groups displaying smectic mesophases. <i>Liquid Crystals</i> , 2009, 36, 275-299.	2.2	34
28	Oxidation of acyclic monoterpenes by P450 BM-3 monooxygenase: influence of the substrate E/Z-isomerism on enzyme chemo- and regioselectivity. <i>Tetrahedron</i> , 2007, 63, 9413-9422.	1.9	33
29	Crown ethers with lateral ortho-terphenyl units: effect of ester groups and sodium salts on the mesomorphic properties. <i>Journal of Materials Chemistry</i> , 2009, 19, 645-654.	6.7	33
30	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
31	Towards room temperature ionic liquid crystals: linear versus bent imidazolium phenylpyrimidines. <i>Journal of Materials Chemistry</i> , 2012, 22, 21987.	6.7	31
32	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
33	Diastereoselective Synthesis of Amino-Substituted Indolizidines and Quinolizidines by the Intramolecular Hetero-Ene Reaction of Proline Imine and 2-Piperidine Carbaldimine. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 458-461.	4.4	29
34	Synthesis and Biological Properties of Cylindramide Derivatives: Evidence for Calciumâ€“Dependent Cytotoxicity of Tetramic Acid Lactams. <i>ChemBioChem</i> , 2008, 9, 2474-2486.	2.6	28
35	Anomalous Oddâ€“Even Effects in Columnar and Smectic Phases of Discotic Tetraphenylenes. <i>ChemPhysChem</i> , 2009, 10, 1291-1298.	2.1	28
36	Columnar propeller-like 1,3,5-triphenylbenzenes: the missing link of shape-persistent hekates. <i>Soft Matter</i> , 2016, 12, 3730-3736.	2.7	28

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37	Highly Diastereoselective Alkylation of 3-Substituted Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 1998, 63, 10018-10021.	3.2	26
38	Syntheses, Crystal Structures, Spectroscopic Properties, and Catalytic Aerobic Oxidations of Novel Trinuclear Non-Heme Iron Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4660-4674.	2.0	25
39	Photoresponsive ionic liquid crystals based on azobenzene guanidinium salts. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8382-8392.	2.8	25
40	Towards a Total Synthesis of Quinocarcin: Diastereoselective Synthesis of Functionalized Azepino[1,2-b]isoquinolines. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3611-3622.	2.4	24
41	Catalytic enantioselective borane reduction of arylketones with pinene-derived amino alcohols. <i>Tetrahedron</i> , 2008, 64, 1635-1640.	1.9	24
42	Liquid Crystalline Crown Ethers. <i>Topics in Current Chemistry</i> , 2011, 318, 109-192.	4.0	24
43	Wedge-shaped 1,2-diamidobenzenes forming columnar mesophases via hydrogen bonding. <i>Liquid Crystals</i> , 2012, 39, 303-312.	2.2	24
44	Ionic Liquid Crystals Derived from Amino Acids. <i>Chemistry - A European Journal</i> , 2013, 19, 16058-16065.	3.3	24
45	Phosphorescent columnar hybrid materials containing polyionic inorganic nanoclusters. <i>Chemical Communications</i> , 2016, 52, 3127-3130.	4.1	23
46	Diastereoselective Alkylation of a Proline-Derived Bicyclic Lactim Ether. <i>Helvetica Chimica Acta</i> , 2006, 89, 1894-1909.	1.6	22
47	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
48	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
49	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
50	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
51	Chemoenzymatic Route to Oxyfunctionalized Cembranoids Facilitated by Substrate and Protein Engineering. <i>Chemistry - A European Journal</i> , 2018, 24, 12010-12021.	3.3	21
52	Preparation of ( $\eta$ -6-alkoxytriphenylene)tricarbonyl chromium(0) complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 552, 171-176.	1.8	20
53	Counterion Effects on the Mesomorphic Properties of Chiral Imidazolium and Pyridinium Ionic Liquids. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5601-5609.	2.4	20
54	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

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55	Gallic esters of 4,5-dinitrocatechol as potential building blocks for thermotropic liquid crystals. <i>Tetrahedron</i> , 2006, 62, 9681-9687.	1.9	19
56	Alkaloids from alkaloids: total synthesis of (±)-7a-epi-hyacinthacine A1 from Z-protected troponone via Baeyer–Villiger oxidation. <i>Tetrahedron</i> , 2009, 65, 6626-6634.	1.9	19
57	Tetraphenylenes as novel saddle-shaped building blocks of columnar and smectic liquid crystals. <i>Liquid Crystals</i> , 2004, 31, 1305-1309.	2.2	18
58	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
59	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
60	Novel Discotic Boroxines: Synthesis and Mesomorphic Properties. <i>Materials</i> , 2014, 7, 4045-4056.	2.9	18
61	Enders–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
62	Columnar liquid crystals derived from crown ethers with two lateral ester-substituted <i>ortho-ortho</i> terphenyl units: unexpected destabilisation of the mesophase by potassium iodide. <i>Liquid Crystals</i> , 2010, 37, 1139-1149.	2.2	17
63	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
64	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
65	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
66	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
67	Saddle-shaped tetraphenylenes with peripheral gallic esters displaying columnar mesophases. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 57.	2.2	16
68	Increased mesophase range in liquid crystalline crown ethers via lower molecular symmetry. <i>Liquid Crystals</i> , 2012, 39, 607-618.	2.2	16
69	Influence of steric parameters on the synthesis of tetramates from ±-amino-1 <sup>2</sup> -alkoxy-esters and Ph <sub>3</sub> PCCO. <i>Tetrahedron</i> , 2012, 68, 697-704.	1.9	16
70	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
71	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
72	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

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73	Highly Branched Alkanoic Acids from the Preen-Gland Wax of the Domestic Goose as Building Blocks for Chiral Triphenylenes. <i>Helvetica Chimica Acta</i> , 2002, 85, 3909-3918.	1.6	15
74	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
75	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
76	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
77	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
78	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
79	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
80	Charged Triazole Cross-Linkers for Hyaluronan-Based Hybrid Hydrogels. <i>Materials</i> , 2016, 9, 810.	2.9	14
81	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
82	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
83	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
84	Efficient Synthesis of Octaalkyloxy-o-quaterylenes via Base-Induced Biaryl Coupling. <i>Synthesis</i> , 1999, 1999, 475-478.	2.3	13
85	Bidentate Camphane Phosphine Phosphinites as Ligands in Asymmetric Hydrogenation of $\alpha,\beta$ -Dehydroamino Acids. <i>Synlett</i> , 2002, 2002, 1011-1013.	1.8	13
86	Synthesis of Tyrosine-Derived Tetrahydroisoquinolines by Lewis Acid Catalyzed Cyclization of <i>N</i> -(Phenylsulfonyl)alkyloxazolidinones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5590-5602.	2.4	13
87	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part I): Structural Revision and Stereochemical Assignment of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 938-941.	13.8	13
88	Desmosine-Inspired Cross-Linkers for Hyaluronan Hydrogels. <i>Scientific Reports</i> , 2013, 3, 2043.	3.3	13
89	Rigidified merocyanine dyes with different aspect ratios: Dichroism and photostability. <i>Dyes and Pigments</i> , 2015, 121, 46-56.	3.7	13
90	First Examples of de Vries-like Smectic A to Smectic C Phase Transitions in Ionic Liquid Crystals. <i>ChemPhysChem</i> , 2016, 17, 4116-4123.	2.1	13

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91	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
92	Flavylium Salts: A Blooming Core for Bioinspired Ionic Liquid Crystals. <i>Chemistry - A European Journal</i> , 2019, 25, 12966-12980.	3.3	13
93	Novel $\beta$ -pinene-derived mono- and bisphosphinite ligands: Synthesis and application in catalytic hydrogenation. <i>Inorganica Chimica Acta</i> , 2011, 374, 94-103.	2.4	12
94	Tropanes as Scaffolds for Phosphorus <sup>+</sup> Olefin Ligands and Their Application in Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1580-1590.	2.4	12
95	Tuning liquid crystalline phase behaviour in columnar crown ethers by sulfur substituents. <i>Organic Chemistry Frontiers</i> , 2017, 4, 790-803.	4.5	12
96	Amino acid/crown ether hybrid materials: how charge affects liquid crystalline self-assembly. <i>Soft Matter</i> , 2017, 13, 8379-8391.	2.7	12
97	Dendrimeric triphenylbenzenes: helical versus zig-zag arrangement in columnar mesophases. <i>Liquid Crystals</i> , 2018, 45, 164-172.	2.2	12
98	Multiple glassy dynamics in dipole functionalized triphenylene-based discotic liquid crystals revealed by broadband dielectric spectroscopy and advanced calorimetry $\hat{=}$ assessment of the molecular origin. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18265-18277.	2.8	12
99	Self-Assembly and Fluorescence of Tetracationic Liquid Crystalline Tetraphenylethene. <i>ChemPhysChem</i> , 2019, 20, 2210-2216.	2.1	12
100	Efficient and Spatially Controlled Functionalization of SBA <sup>+</sup> 15 and Initial Results in Asymmetric Rh <sup>+</sup> Catalyzed 1,2-Additions under Confinement. <i>ChemCatChem</i> , 2021, 13, 2407-2419.	3.7	12
101	A Concise Ex Chiral Pool Approach to Novel Bidentate Camphane Phosphane Ligands. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 4119-4124.	2.4	11
102	Combination of Chiral and Achiral Triphenylene Units in a Novel Unsymmetrical Columnar Twin. <i>Helvetica Chimica Acta</i> , 2001, 84, 1190-1196.	1.6	11
103	Columnar liquid crystals derived from ester <sup>+</sup> substituted tetraphenylenes. <i>Liquid Crystals</i> , 2006, 33, 103-107.	2.2	11
104	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
105	$\beta$ -Methyl Branching in the Side Chain Makes the Difference: Access to Room-Temperature Discotics. <i>ChemPhysChem</i> , 2016, 17, 1159-1165.	2.1	11
106	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
107	Mesomorphic properties of cyanobiphenyl dimers with a central malonate unit. <i>Liquid Crystals</i> , 2018, 45, 1626-1636.	2.2	11
108	Synthesis of Highly Functionalized Pentalenes via Intermolecular Pauson <sup>+</sup> Khand Reaction. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2215-2225.	2.4	10



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109	Stereoselective Synthesis of (2 <i>E</i> ,4 <i>Z</i> )-Dienamides Employing (Triphenylphosphoranylidene)ketene. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2828-2835.	2.4	10
110	Chiral tetraphenylethenes as novel dopants for calamitic and discotic liquid crystals. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 484-494.	1.9	10
111	Synthesis of Functionalized Hydropentalenes by an Asymmetric Deprotonation/Alkylation Strategy. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1149-1157.	2.4	10
112	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
113	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
114	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
115	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
116	Improved Electronic Transport in Ion Complexes of Crown Ether Based Columnar Liquid Crystals. <i>Crystals</i> , 2019, 9, 74.	2.2	10
117	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
118	Molecular dynamics and electrical conductivity of Guanidinium based ionic liquid crystals: Influence of cation headgroup configuration. <i>Journal of Molecular Liquids</i> , 2021, 330, 115666.	4.9	10
119	Synthesis of novel donor-acceptor twins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3356-3361.	1.3	9
120	Chemoenzymatic Synthesis of the C3-C11-Fragment of Borrelidin. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4241-4249.	2.4	9
121	Diastereoselective Alkylation of Tricyclic Lactim Ethers. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3936-3943.	2.4	8
122	Crystal-smectic E mesophases in a series of 2-(4-alkylphenyl)indenes. <i>Liquid Crystals</i> , 2007, 34, 919-926.	2.2	8
123	Gephyrons-Äure, ein fehlendes Bindeglied zwischen Polyketid-Inhibitoren der eukaryotischen Proteinsynthese (Teil-...II): Totalsynthese. <i>Angewandte Chemie</i> , 2011, 123, 972-975.	2.0	8
124	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
125	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
126	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



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127	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
128	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
129	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
130	Phase behaviour of star-shaped binary mixtures of triphenylbenzenes, triphenylboroxines and triphenyltriazines. <i>Liquid Crystals</i> , 2019, 46, 1973-1984.	2.2	8
131	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
132	Fluorenone imidazolium salts as novel de Vries materials. <i>RSC Advances</i> , 2020, 10, 23999-24016.	3.6	8
133	Liquid crystalline hydrazones revisited: dipolar interactions vs hydrogen bonding affecting mesomorphic properties. <i>Liquid Crystals</i> , 2021, 48, 1382-1391.	2.2	8
134	Hierarchical Silica Inverse Opals as a Catalyst Support for Asymmetric Molecular Heterogeneous Catalysis with Chiral Rh-diene Complexes. <i>ChemCatChem</i> , 2021, 13, 2242-2252.	3.7	8
135	Synthesis and Magnetic Properties of Novel Azamacrocyclic Ln <sup>III</sup> , Cu <sup>II</sup> , Fe <sup>III</sup> , and Sr <sup>II</sup> Complexes and Conformational Analysis of the Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 299-310.	1.2	7
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