

Thorsten Bach

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

9693
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#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Synthesis of Cyclobutanes by Olefin [2+2] Photocycloaddition Reactions. <i>Chemical Reviews</i> , 2016, 116, 9748-9815.	23.0	753
2	Photochemical Reactions as Key Steps in Natural Product Synthesis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1000-1045.	7.2	696
3	Enantioselective Catalysis of Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3872-3890.	7.2	534
4	Regioselective cross-coupling reactions of multiple halogenated nitrogen-, oxygen-, and sulfur-containing heterocycles. <i>Tetrahedron</i> , 2005, 61, 2245-2267.	1.0	455
5	Catalytic enantioselective reactions driven by photoinduced electron transfer. <i>Nature</i> , 2005, 436, 1139-1140.	13.7	418
6	Pd(II)-Catalyzed Regioselective 2-Alkylation of Indoles via a Norbornene-Mediated C-H Activation: Mechanism and Applications. <i>Journal of the American Chemical Society</i> , 2012, 134, 14563-14572.	6.6	321
7	Palladium-Catalyzed Direct 2-Alkylation of Indoles by Norbornene-Mediated Regioselective Cascade C-H Activation. <i>Journal of the American Chemical Society</i> , 2011, 133, 12990-12993.	6.6	298
8	Enantioselective Lewis Acid Catalysis of Intramolecular Enone [2+2] Photocycloaddition Reactions. <i>Science</i> , 2013, 342, 840-843.	6.0	296
9	Stereoselective Intermolecular [2 + 2]-Photocycloaddition Reactions and Their Application in Synthesis. <i>Synthesis</i> , 1998, 1998, 683-703.	1.2	267
10	A Chiral Thioxanthone as an Organocatalyst for Enantioselective [2+2] Photocycloaddition Reactions Induced by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4368-4371.	7.2	266
11	Enantioselective Intermolecular [2 + 2] Photocycloaddition Reactions of 2-Quinolones Induced by Visible Light Irradiation. <i>Journal of the American Chemical Society</i> , 2016, 138, 7808-7811.	6.6	221
12	Iminium and enamine catalysis in enantioselective photochemical reactions. <i>Chemical Society Reviews</i> , 2018, 47, 278-290.	18.7	218
13	Enantioselective Intramolecular [2 + 2]-Photocycloaddition Reactions of 4-Substituted Quinolones Catalyzed by a Chiral Sensitizer with a Hydrogen-Bonding Motif. <i>Journal of the American Chemical Society</i> , 2011, 133, 16689-16697.	6.6	201
14	Enantioselective Photochemical Reactions Enabled by Triplet Energy Transfer. <i>Chemical Reviews</i> , 2022, 122, 1626-1653.	23.0	197
15	Highly Enantioselective Intra- and Intermolecular [2 + 2] Photocycloaddition Reactions of 2-Quinolones Mediated by a Chiral Lactam Host-Guest Interactions, Product Configuration, and the Origin of the Stereoselectivity in Solution. <i>Journal of the American Chemical Society</i> , 2002, 124, 7982-7990.	6.6	184
16	Catalytic deracemization of chiral allenes by sensitized excitation with visible light. <i>Nature</i> , 2018, 564, 240-243.	13.7	180
17	Light-Driven Enantioselective Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6640-6642.	7.2	179
18	Enantioselective Catalysis of the Intermolecular [2+2] Photocycloaddition between 2-Pyridones and Acetylenedicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7661-7664.	7.2	142

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19	Enantioselective Lewis Acid Catalysis in Intramolecular [2+2] Photocycloaddition Reactions of Coumarins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7782-7785.	7.2	139
20	Technical aspects of lasers in urology. <i>World Journal of Urology</i> , 2007, 25, 221-225.	1.2	135
21	Laser Treatment of Benign Prostatic Obstruction: Basics and Physical Differences. <i>European Urology</i> , 2012, 61, 317-325.	0.9	123
22	Preparation of Axially Chiral N,N'-Diarylimidazolium and N-Arylthiazolium Salts and Evaluation of Their Catalytic Potential in the Benzoin and in the Intramolecular Stetter Reactions. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2025-2035.	1.2	121
23	Complications and Early Postoperative Outcome in 1080 Patients After Thulium Vapoenucleation of the Prostate: Results at a Single Institution. <i>European Urology</i> , 2013, 63, 859-867.	0.9	119
24	Enantioselective Intramolecular [2+2]-Photocycloaddition Reactions in Solution. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2302-2304.	7.2	118
25	RevoLix [®] vaporesection of the prostate: initial results of 54 patients with a 1-year follow-up. <i>World Journal of Urology</i> , 2007, 25, 257-262.	1.2	118
26	Catalytic Enantioselective C-C Coupling - Allyl Transfer and Mukaiyama Aldol Reaction. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 417-419.	4.4	115
27	Chirality Control in Photochemical Reactions: Enantioselective Formation of Complex Photoproducts in Solution. <i>Australian Journal of Chemistry</i> , 2008, 61, 557.	0.5	115
28	Concise Stereoselective Synthesis of (S)-Podophyllotoxin by an Intermolecular Iron(III)-Catalyzed Friedel-Crafts Alkylation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7557-7559.	7.2	111
29	Calcium Sensor for Photoacoustic Imaging. <i>Journal of the American Chemical Society</i> , 2018, 140, 2718-2721.	6.6	109
30	The Preparation of N-tert-Butyloxycarbonyl-(Boc)-Protected Sulfoximines and Sulfinimines by an Iron(II)-Mediated Nitrene Transfer from BocN ₃ to Sulfoxides and Sulfides. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1033-1039.	1.2	105
31	Enantioselective Total Synthesis of the Melodinus Alkaloid (+)-Meloscine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5082-5084.	7.2	105
32	Enantioselective Intermolecular [2+2] Photocycloadditions of Isoquinolone Mediated by a Chiral Hydrogen-Bonding Template. <i>Journal of the American Chemical Society</i> , 2013, 135, 14948-14951.	6.6	103
33	Highly Enantioselective Diels-Alder Reaction of a Photochemically Generated o-Quinodimethane with Olefins. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3693-3696.	7.2	100
34	Diastereotopos-differentiating C-H activation reactions at methylene groups. <i>Chemical Society Reviews</i> , 2011, 40, 2022-2038.	18.7	100
35	Enantioselective C-H Oxygenation Catalyzed by a Supramolecular Ruthenium Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 691-695.	7.2	98
36	Current evidence for transurethral en bloc resection of non-muscle-invasive bladder cancer. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014, 23, 206-213.	0.6	97

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37	3-Acetoxyquinuclidine as Catalyst in Electron Donor–Acceptor Complex-Mediated Reactions Triggered by Visible Light. <i>ACS Catalysis</i> , 2019, 9, 9103-9109.	5.5	97
38	Topographical Anatomy of Periprostatic and Capsular Nerves: Quantification and Computerised Planimetry. <i>European Urology</i> , 2008, 54, 353-361.	0.9	95
39	Enantioselective Intermolecular [2+2] Photocycloaddition Reaction of Cyclic Enones and Its Application in a Synthesis of (âˆ“)–Grandisol. <i>Journal of the American Chemical Society</i> , 2018, 140, 3228-3231.	6.6	94
40	Site- and Enantioselective C–H Oxygenation Catalyzed by a Chiral Manganese Porphyrin Complex with a Remote Binding Site. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2953-2957.	7.2	94
41	Enantioselective Intermolecular [2 + 2]-Photocycloaddition Reactions of Alkenes and a 2-Quinolone in Solution. <i>Journal of the American Chemical Society</i> , 2000, 122, 11525-11526.	6.6	93
42	Enantioselective Lewis Acid Catalysis in Intramolecular [2 + 2] Photocycloaddition Reactions: A Mechanistic Comparison between Representative Coumarin and Enone Substrates. <i>Journal of the American Chemical Society</i> , 2015, 137, 5170-5176.	6.6	93
43	High Facial Diastereoselectivity in Intra- and Intermolecular Reactions of Chiral Benzylic Cations. <i>Journal of the American Chemical Society</i> , 2005, 127, 9348-9349.	6.6	91
44	Chiral Î±-Branched Benzylic Carbocations: A Diastereoselective Intermolecular Reactions with Arene Nucleophiles and NMR Spectroscopic Studies. <i>Journal of the American Chemical Society</i> , 2006, 128, 9668-9675.	6.6	89
45	Total Synthesis of Meloscine by a [2+2]–Photocycloaddition/Ring–Expansion Route. <i>Chemistry - A European Journal</i> , 2009, 15, 3509-3525.	1.7	89
46	Hydrogen-Bond-Mediated Enantio- and Regioselectivity in a Ru-Catalyzed Epoxidation Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 15911-15913.	6.6	86
47	Palladium-Catalyzed Direct C–H Alkylation of Electron-Deficient Pyrrole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6080-6083.	7.2	86
48	Thulium:YAG laser enucleation (VapoEnucleation) of the prostate: safety and durability during intermediate-term follow-up. <i>World Journal of Urology</i> , 2010, 28, 39-43.	1.2	84
49	Chromophore Activation of Î±,Î²-Unsaturated Carbonyl Compounds and Its Application to Enantioselective Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14338-14349.	7.2	82
50	Hydrogen Bond Mediated Enantioselectivity of Radical Reactions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5849-5851.	7.2	80
51	Impact of Preoperative Ureteral Stenting on Stone-free Rates of Ureteroscopy for Nephroureterolithiasis: A Matched-paired Analysis of 286 Patients. <i>Urology</i> , 2012, 80, 1214-1220.	0.5	80
52	Evidence for Triplet Sensitization in the Visible-Light-Induced [2+2]–Photocycloaddition of Eniminium Ions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 827-831.	7.2	80
53	High Facial Diastereoselectivity in the Photocycloaddition of a Chiral Aromatic Aldehyde and an Enamide Induced by Intermolecular Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 1999, 121, 10650-10651.	6.6	79
54	Enantio- and Regioselective Epoxidation of Olefinic Double Bonds in Quinolones, Pyridones, and Amides Catalyzed by a Ruthenium Porphyrin Catalyst with a Hydrogen Bonding Site. <i>Journal of the American Chemical Society</i> , 2012, 134, 12869-12878.	6.6	79

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55	[2+2] Photocycloaddition of 3-alkenyloxy-2-cycloalkenones: Enantioselective Lewis Acid Catalysis and Ring Expansion. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12921-12924.	7.2	78
56	Iron(II)-mediated Nitrene transfer from t-butyloxycarbonyl azide (BocN ₃) to sulfoxides, sulfides, and ketene acetals. <i>Tetrahedron Letters</i> , 1998, 39, 5015-5016.	0.7	77
57	Enantioselective [6 π]-Photocyclization Reaction of an Acrylanilide Mediated by a Chiral Host. Interplay between Enantioselective Ring Closure and Enantioselective Protonation. <i>Journal of Organic Chemistry</i> , 2003, 68, 1107-1116.	1.7	77
58	Intramolecular Iron(II)-catalyzed Nitrogen Transfer Reactions of Unsaturated Alkoxy carbonyl Azides: A Facile and Stereoselective Route to 4,5-Disubstituted Oxazolidinones. <i>Chemistry - A European Journal</i> , 2001, 7, 2581-2594.	1.7	76
59	Thulium:YAG Vapour nucleation in Large Volume Prostates. <i>Journal of Urology</i> , 2011, 186, 2323-2327.	0.2	75
60	Enantioselective Visible-Light-Mediated Formation of 3-Cyclopropylquinolones by Triplet-Sensitized Deracemization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3538-3541.	7.2	75
61	Enantioselective Lewis Acid Catalyzed <i>ortho</i> Photocycloaddition of Olefins to Phenanthrene-9-carboxaldehydes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14593-14596.	7.2	74
62	Fe(II)-Catalyzed Imidation of Allyl Sulfides and Subsequent [2,3]-Sigmatropic Rearrangement. Preparation of β -Branched <i>N</i> -tert-Butyloxycarbonyl (Boc)-Protected <i>N</i> -Allyl amines. <i>Journal of Organic Chemistry</i> , 2000, 65, 2358-2367.	1.7	71
63	Total Synthesis of the Thiazolyl Peptide GE2270...A. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4771-4774.	7.2	70
64	Enantioselective Intramolecular [2+2] Photocycloaddition Reactions of 4-Substituted Coumarins Catalyzed by a Chiral Lewis Acid. <i>Chemistry - A European Journal</i> , 2012, 18, 7552-7560.	1.7	69
65	Lactam Hydrogen Bonds as Control Elements in Enantioselective Transition-Metal-Catalyzed and Photochemical Reactions. <i>Journal of Organic Chemistry</i> , 2019, 84, 8815-8836.	1.7	68
66	Enantioselective Photochemical Reactions of 2-Pyridones in Solution. <i>Organic Letters</i> , 2001, 3, 601-603.	2.4	67
67	Intramolecular [2+2] Photocycloaddition of 3- and 4-(<i>tert</i> -butenyl)oxyquinolones: Influence of the Alkene Substitution Pattern, Photophysical Studies, and Enantioselective Catalysis by a Chiral Sensitizer. <i>Chemistry - A European Journal</i> , 2013, 19, 7461-7472.	1.7	67
68	The [2+2]-Photocycloaddition of Aromatic Aldehydes and Ketones to 3,4-Dihydro-2-pyridones: Regioselectivity, Diastereoselectivity, and Reductive Ring Opening of the Product Oxetanes. <i>Chemistry - A European Journal</i> , 2001, 7, 4512-4521.	1.7	66
69	Enantioselective [4+2]-Cycloaddition Reaction of a Photochemically Generated <i>ortho</i> -Quinodimethane: Mechanistic Details, Association Studies, and Pressure Effects. <i>Chemistry - A European Journal</i> , 2004, 10, 2179-2189.	1.7	65
70	Current evidence for transurethral laser therapy of non-muscle invasive bladder cancer. <i>World Journal of Urology</i> , 2011, 29, 433-442.	1.2	65
71	Systematic Review of the Performance of Noninvasive Tests in Diagnosing Bladder Outlet Obstruction in Men with Lower Urinary Tract Symptoms. <i>European Urology</i> , 2017, 71, 391-402.	0.9	64
72	A rapid injection NMR study of the chelation controlled Mukaiyama aldol addition: TiCl ₄ versus LiClO ₄ as the Lewis acid. <i>Tetrahedron</i> , 1992, 48, 5731-5742.	1.0	63

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73	Bladder neck incision using a 70ÂW 2 micron continuous wave laser (RevoLix). World Journal of Urology, 2007, 25, 263-267.	1.2	62
74	Additions to Functionalized Arenes with Concurrent Dearomatization. Angewandte Chemie International Edition in English, 1996, 35, 729-730.	4.4	61
75	Iron(ii)-catalyzed intramolecular aminochlorination of alkenes. Chemical Communications, 2000, , 287-288.	2.2	61
76	Does Open Stone Surgery Still Play a Role in the Treatment of Urolithiasis? Data of a Primary Urolithiasis Center. Journal of Endourology, 2009, 23, 1209-1212.	1.1	61
77	Synthesis of 2-(o-hydroxyaryl)-4-arylthiazoles by regioselective Pd(0)-catalyzed cross-coupling. Tetrahedron Letters, 2000, 41, 1707-1710.	0.7	60
78	Thulium:yttriumâ€Aluminiumâ€garnet laser prostatectomy in men with refractory urinary retention. BJU International, 2009, 104, 361-364.	1.3	60
79	Tm:YAG laser en bloc mucosectomy for accurate staging of primary bladder cancer: early experience. World Journal of Urology, 2011, 29, 429-432.	1.2	59
80	Medical Treatment of Nocturia in Men with Lower Urinary Tract Symptoms: Systematic Review by the European Association of Urology Guidelines Panel for Male Lower Urinary Tract Symptoms. European Urology, 2017, 72, 757-769.	0.9	59
81	Triplet Energy Transfer from Ruthenium Complexes to Chiral Eniminium Ions: Enantioselective Synthesis of Cyclobutanecarbaldehydes by [2+2] Photocycloaddition. Angewandte Chemie - International Edition, 2020, 59, 9659-9668.	7.2	59
82	Diastereoselective photocycloaddition of an axial chiral enamide. Tetrahedron Letters, 1999, 40, 9003-9004.	0.7	58
83	Synthesis of 2â€-Substituted 4-Bromo-2,4â€-bithiazoles by Regioselective Cross-Coupling Reactions. Journal of Organic Chemistry, 2002, 67, 5789-5795.	1.7	58
84	Bi(OTf) ₃ -Catalyzed Diastereoselective S _N 1-Type Reactions of Chiral Propargylic Acetates. Angewandte Chemie - International Edition, 2008, 47, 10106-10109.	7.2	58
85	Selective C-2 Alkylation of Tryptophan by a Pd(II)/Norbornene-Promoted Câ€H Activation Reaction. Journal of Organic Chemistry, 2013, 78, 12263-12267.	1.7	58
86	The Post-Ureteroscopic Lesion Scale (PULS): a multicenter video-based evaluation of inter-rater reliability. World Journal of Urology, 2014, 32, 1033-1040.	1.2	58
87	Enantioselective Visibleâ€Lightâ€Induced Radicalâ€Addition Reactions to 3â€Alkylidene Indolinâ€2â€ones. Chemistry - A European Journal, 2016, 22, 6519-6523.	1.7	58
88	Câ€H alkylation reactions of indoles mediated by Pd(ⁱⁱ) and norbornene: applications and recent developments. Organic and Biomolecular Chemistry, 2018, 16, 5376-5385.	1.5	58
89	Photochemical Deracemization of Allenes and Subsequent Chirality Transfer. Angewandte Chemie - International Edition, 2020, 59, 12785-12788.	7.2	58
90	Highly Diastereoselective Friedelâ€Crafts Alkylation Reactions via Chiral Î±â€Functionalized Benzylic Carbocations. Chemistry - an Asian Journal, 2008, 3, 272-284.	1.7	57

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91	Gold(III) Chloride-Catalyzed Diastereoselective Alkylation Reactions with Chiral Benzylic Acetates. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1125-1130.	2.1	56
92	70 vs 120 W thulium:yttrium-aluminum-garnet 2- μ m continuous-wave laser for the treatment of benign prostatic hyperplasia: a systematic ex vivo evaluation. <i>BJU International</i> , 2010, 106, 368-372.	1.3	56
93	Enantioselective [2 + 2] Photocycloaddition via Iminium Ions: Catalysis by a Sensitizing Chiral Brønsted Acid. <i>Journal of the American Chemical Society</i> , 2021, 143, 9350-9354.	6.6	56
94	1,3-Allylic Strain as a Control Element in the Patern \tilde{B} chi Reaction of Chiral Silyl Enol Ethers: Synthesis of Diastereomerically Pure Oxetanes Containing Four Contiguous Stereogenic Centers. <i>Journal of the American Chemical Society</i> , 1997, 119, 2437-2445.	6.6	55
95	Enantioselective Norrish \tilde{C} Yang Cyclization Reactions of N-(α -Oxo- β -phenylalkyl)-Substituted Imidazolidinones in Solution and in the Solid State. <i>Chemistry - A European Journal</i> , 2002, 8, 2464.	1.7	55
96	Photochemical Deracemization of Primary Allene Amides by Triplet Energy Transfer: A Combined Synthetic and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2021, 143, 11209-11217.	6.6	55
97	The Synthesis of (+)-Preussin and Related Pyrrolidinols by Diastereoselective Patern \tilde{B} chi Reactions of Chiral 2-Substituted 2,3-Dihydropyrroles. <i>Chemistry - A European Journal</i> , 2000, 6, 3838-3848.	1.7	54
98	Synthesis of Enantiomerically Pure 1,5,7-Trimethyl-3-azabicyclo[3.3.1]nonan-2-ones as Chiral Host Compounds for Enantioselective Photochemical Reactions in Solution. <i>Synthesis</i> , 2001, 2001, 1395-1405.	1.2	54
99	Diastereo- and Enantioselective Intramolecular [2+2] Photocycloaddition Reactions of β -(α -alkenyl)- and β -(α -alkenyloxy)-Substituted 5,6-Dihydro-1 <i>H</i> -pyridin-2-ones. <i>Chemistry - A European Journal</i> , 2010, 16, 4284-4296.	1.1	54
100	Effect of Pulse Energy, Frequency and Length on Holmium:Yttrium-Aluminum-Garnet Laser Fragmentation Efficiency in Non-Floating Artificial Urinary Calculi. <i>Journal of Endourology</i> , 2010, 24, 1135-1140.	1.1	54
101	Biosynthesis and Heterologous Production of Vioprolides: Rational Biosynthetic Engineering and Unprecedented 4-Methylazetidincarboxylic Acid Formation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8754-8759.	7.2	54
102	Synthesis of Five-, Six-, and Seven-Membered Heterocycles by Intramolecular Ring Opening Reactions of 3-Oxetanol Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 1910-1918.	1.7	53
103	Hydrogen-bond mediated regio- and enantioselectivity in a C-H amination reaction catalysed by a supramolecular Rh(II) complex. <i>Chemical Communications</i> , 2013, 49, 8009.	2.2	53
104	Photochemically Induced Ring Opening of Spirocyclopropyl Oxindoles: Evidence for a Triplet 1,3-Di- π Radical Intermediate and Deracemization by a Chiral Sensitizer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21640-21647.	7.2	53
105	The Preparation of 2,3,5-Tri- and 2,3-Disubstituted Furans by Regioselective Palladium(0)-Catalyzed Coupling Reactions: Application to the Syntheses of Rosefuran and the F5 Furan Fatty Acid. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2045-2057.	1.2	52
106	Enantioselective radical cyclisation reactions of 4-substituted quinolones mediated by a chiral template. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3516.	1.5	52
107	Transurethral anatomical enucleation of the prostate with Tm:YAG support (ThuLEP): review of the literature on a novel surgical approach in the management of benign prostatic enlargement. <i>World Journal of Urology</i> , 2015, 33, 525-530.	1.2	52
108	Regioselective Cross-Coupling Reactions as an Entry into Biologically Relevant Bithiazoles: First Total Synthesis of Cystothiazole E. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3184-3185.	7.2	51

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109	Pyrrole as a Directing Group: Regioselective Pd(II)-Catalyzed Alkylation and Benzylation at the Benzene Core of 2-Phenylpyrroles. <i>Organic Letters</i> , 2016, 18, 852-855.	2.4	51
110	A Chiral Thiourea as a Template for Enantioselective Intramolecular [2 + 2] Photocycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 6965-6971.	1.7	50
111	Diastereomerically Pure 3-((Silyloxy)oxetanes by a Selective Paternò-Büchi Reaction. <i>Chemische Berichte</i> , 1993, 126, 2457-2466.	0.2	49
112	Unprecedented Facial Diastereoselectivity in the Paternò-Büchi Reaction of a Chiral Dihydropyrrole: A Short Total Synthesis of (+)-Preussin. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3400-3402.	7.2	49
113	Inhibition of Cyclin-Dependent Kinase Activity and Induction of Apoptosis by Preussin in Human Tumor Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2794-2801.	1.4	49
114	Concise Total Synthesis of the Thiazolyl Peptide Antibiotic GE2270. <i>Chemistry - A European Journal</i> , 2008, 14, 2322-2339.	1.7	49
115	Rectourethral Fistula After High-intensity Focused Ultrasound Therapy for Prostate Cancer and Its Surgical Management. <i>Urology</i> , 2011, 77, 999-1004.	0.5	49
116	Chiral 1,3,2-Oxazaborolidine Catalysts for Enantioselective Photochemical Reactions. <i>Accounts of Chemical Research</i> , 2020, 53, 1933-1943.	7.6	49
117	Synthesis of the Heterocyclic Core of the GE 2270 Antibiotics and Structure Elucidation of a Major Degradation Product. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1199-1201.	7.2	48
118	Photochemistry of 4-(2-Aminoethyl)quinolones: An Enantioselective Synthesis of Tetracyclic Tetrahydro-1aH-pyrido[4,3-c]-cyclobuta[1,2-c] Quinoline-2,11(3H,8H)-diones by Intra- and Intermolecular [2 + 2]-Photocycloaddition Reactions in Solution. <i>Journal of Organic Chemistry</i> , 2006, 71, 5662-5673.	1.7	48
119	Redox and photocatalytic properties of a Ni(II) complex with a macrocyclic biquinazoline (Mabiq) ligand. <i>Chemical Science</i> , 2018, 9, 3313-3317.	3.7	47
120	Photochemical Deracemization at sp ³ -Hybridized Carbon Centers via a Reversible Hydrogen Atom Transfer. <i>Journal of the American Chemical Society</i> , 2021, 143, 21241-21245.	6.6	47
121	Regioselective Oxidative Coupling Reactions of 3-Substituted Thiophenes with Arylboronic Acids. <i>Organic Letters</i> , 2011, 13, 3640-3643.	2.4	46
122	Diastereotopos-Differentiation in the Rh-Catalyzed Amination of Benzylic Methylene Groups in the β -Position to a Stereogenic Center. <i>Journal of the American Chemical Society</i> , 2012, 134, 13524-13531.	6.6	46
123	Enantioselective oxygenation of exocyclic methylene groups by a manganese porphyrin catalyst with a chiral recognition site. <i>Chemical Science</i> , 2020, 11, 2121-2129.	3.7	46
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