

Thorsten Bach

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ext. papers

17,116
ext. citations

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L-index

#	Paper	IF	Citations
400	Photochemical reactions as key steps in natural product synthesis. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1000-45	16.4	569
399	Recent Advances in the Synthesis of Cyclobutanes by Olefin [2 + 2] Photocycloaddition Reactions. <i>Chemical Reviews</i> , 2016 , 116, 9748-815	68.1	548
398	Enantioselective catalysis of photochemical reactions. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3872-90	16.4	426
397	Regioselective cross-coupling reactions of multiple halogenated nitrogen-, oxygen-, and sulfur-containing heterocycles. <i>Tetrahedron</i> , 2005 , 61, 2245-2267	2.4	420
396	Catalytic enantioselective reactions driven by photoinduced electron transfer. <i>Nature</i> , 2005 , 436, 1139-40	30.4	361
395	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, 14563-72	16.4	285
394	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, 12990-3	16.4	271
393	Stereoselective Intermolecular [2 + 2]-Photocycloaddition Reactions and Their Application in Synthesis. <i>Synthesis</i> , 1998 , 1998, 683-703	2.9	243
392	Enantioselective Lewis acid catalysis of intramolecular enone [2+2] photocycloaddition reactions. <i>Science</i> , 2013 , 342, 840-3	33.3	233
391	A chiral thioxanthone as an organocatalyst for enantioselective [2+2] photocycloaddition reactions induced by visible light. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4368-71	16.4	214
390	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, 16689-97	16.4	177
389	Photochemische Reaktionen als Schlüsselschritte in der Naturstoffsynthese. <i>Angewandte Chemie</i> , 2011 , 123, 1032-1077	3.6	173
388	Highly enantioselective intra- and intermolecular [2 + 2] photocycloaddition reactions of 2-quinolones mediated by a chiral lactam host: host-guest interactions, product configuration, and the origin of the stereoselectivity in solution. <i>Journal of the American Chemical Society</i> , 2002 , 124, 7982-90	16.4	168
387	Enantioselective Intermolecular [2 + 2] Photocycloaddition Reactions of 2(1H)-Quinolones Induced by Visible Light Irradiation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7808-11	16.4	165
386	Light-driven enantioselective organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6640-4	16.4	151
385	Enantioselektive Katalyse photochemischer Reaktionen. <i>Angewandte Chemie</i> , 2015 , 127, 3944-3963	3.6	143
384	Iminium and enamine catalysis in enantioselective photochemical reactions. <i>Chemical Society Reviews</i> , 2018 , 47, 278-290	58.5	142

383	Enantioselective Lewis acid catalysis in intramolecular [2+2] photocycloaddition reactions of coumarins. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7782-5	16.4	118
382	Chirality Control in Photochemical Reactions: Enantioselective Formation of Complex Photoproducts in Solution. <i>Australian Journal of Chemistry</i> , 2008 , 61, 557	1.2	113
381	Enantioselective catalysis of the intermolecular [2+2] photocycloaddition between 2-pyridones and acetylenedicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7661-4	16.4	112
380	Technical aspects of lasers in urology. <i>World Journal of Urology</i> , 2007 , 25, 221-5	4	109
379	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	3.2	106
378	RevoLix vaporessection of the prostate: initial results of 54 patients with a 1-year follow-up. <i>World Journal of Urology</i> , 2007 , 25, 257-62	4	103
377	Enantioselective Intramolecular [2+2]-Photocycloaddition Reactions in Solution. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2302-2304	16.4	103
376	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, 859-67	10.2	100
375	Concise stereoselective synthesis of (-)-podophyllotoxin by an intermolecular iron(III)-catalyzed Friedel-Crafts alkylation. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7557-9	16.4	99
374	Catalytic deracemization of chiral allenes by sensitized excitation with visible light. <i>Nature</i> , 2018 , 564, 240-243	50.4	95
373	Catalytic Enantioselective C-C Coupling Allyl Transfer and Mukaiyama Aldol Reaction. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 417-419		94
372	Diastereotopos-differentiating C-H activation reactions at methylene groups. <i>Chemical Society Reviews</i> , 2011 , 40, 2022-38	58.5	93
371	Enantioselective total synthesis of the Melodinus alkaloid (+)-meloscine. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5082-4	16.4	91
370	The Preparation of N-tert-Butyloxycarbonyl-(Boc)-Protected Sulfoximines and Sulfinamines 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	3.2	87
369	Calcium Sensor for Photoacoustic Imaging. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2718-2721	16.4	86
368	Laser treatment of benign prostatic obstruction: basics and physical differences. <i>European Urology</i> , 2012 , 61, 317-25	10.2	85
367	Highly enantioselective Diels-Alder reaction of a photochemically generated o-quinodimethane with olefins. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3693-6	16.4	85
366	High facial diastereoselectivity in intra- and intermolecular reactions of chiral benzylic cations. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9348-9	16.4	85

- 365 Chiral alpha-branched benzylic carbocations: diastereoselective intermolecular reactions with arene nucleophiles and NMR spectroscopic studies. *Journal of the American Chemical Society*, **2006**, 128, 9668-75 16.4 82
- 364 Enantioselective intermolecular [2+2] photocycloadditions of isoquinolone mediated by a chiral hydrogen-bonding template. *Journal of the American Chemical Society*, **2013**, 135, 14948-51 16.4 81
- 363 Enantioselective Intermolecular [2 + 2]-Photocycloaddition Reactions of Alkenes and a 2-Quinolone in Solution. *Journal of the American Chemical Society*, **2000**, 122, 11525-11526 16.4 80
- 362 Total synthesis of meloscine by a [2+2]-photocycloaddition/ring-expansion route. *Chemistry - A European Journal*, **2009**, 15, 3509-25 4.8 79
- 361 Topographical anatomy of periprostatic and capsular nerves: quantification and computerised planimetry. *European Urology*, **2008**, 54, 353-60 10.2 77
- 360 A Chiral Thioxanthone as an Organocatalyst for Enantioselective [2+2] Photocycloaddition Reactions Induced by Visible Light. *Angewandte Chemie*, **2014**, 126, 4457-4460 3.6 76
- 359 Hydrogen-bond-mediated enantio- and regioselectivity in a Ru-catalyzed epoxidation reaction. *Journal of the American Chemical Society*, **2010**, 132, 15911-3 16.4 75
- 358 Thulium:YAG laser enucleation (VapoEnucleation) of the prostate: safety and durability during intermediate-term follow-up. *World Journal of Urology*, **2010**, 28, 39-43 4 74
- 357 Enantioselective Lewis Acid Catalysis in Intramolecular [2 + 2] Photocycloaddition Reactions: A Mechanistic Comparison between Representative Coumarin and Enone Substrates. *Journal of the American Chemical Society*, **2015**, 137, 5170-6 16.4 73
- 356 Palladium-catalyzed direct C-H alkylation of electron-deficient pyrrole derivatives. *Angewandte Chemie - International Edition*, **2013**, 52, 6080-3 16.4 73
- 355 Intramolecular iron(II)-catalyzed nitrogen transfer reactions of unsaturated alkoxy carbonyl azides: a facile and stereoselective route to 4,5-disubstituted oxazolidinones. *Chemistry - A European Journal*, **2001**, 7, 2581-94 4.8 73
- 354 Site- and Enantioselective C-H Oxygenation Catalyzed by a Chiral Manganese Porphyrin Complex with a Remote Binding Site. *Angewandte Chemie - International Edition*, **2018**, 57, 2953-2957 16.4 72
- 353 [2+2] Photocycloaddition of 3-alkenyloxy-2-cycloalkenones: enantioselective Lewis acid catalysis and ring expansion. *Angewandte Chemie - International Edition*, **2014**, 53, 12921-4 16.4 72
- 352 Hydrogen bond mediated enantioselectivity of radical reactions. *Angewandte Chemie - International Edition*, **2004**, 43, 5849-51 16.4 70
- 351 Enantio- and regioselective epoxidation of olefinic double bonds in quinolones, pyridones, and amides catalyzed by a ruthenium porphyrin catalyst with a hydrogen bonding site. *Journal of the American Chemical Society*, **2012**, 134, 12869-78 16.4 69
- 350 Enantioselective Intermolecular [2+2] Photocycloaddition Reaction of Cyclic Enones and Its Application in a Synthesis of (-)-Grandisol. *Journal of the American Chemical Society*, **2018**, 140, 3228-3231 16.4 67
- 349 Iron(II)-mediated Nitrene transfer from t-butyloxycarbonyl azide (BocN₃) to sulfoxides, sulfides, and ketene acetals. *Tetrahedron Letters*, **1998**, 39, 5015-5016 2 66
- 348 Total synthesis of the thiazolyl peptide GE2270 A. *Angewandte Chemie - International Edition*, **2007**, 46, 4771-4 16.4 65

347	Enantioselective [6pi]-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, 1107-16	4.2	65
346	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	16.4	64
345	Fe(II)-catalyzed imidation of allyl sulfides and subsequent. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2358-67	4.2	63
344	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	16.4	61
343	Enantioselective intramolecular [2+2] photocycloaddition reactions of 4-substituted coumarins catalyzed by a chiral Lewis acid. <i>Chemistry - A European Journal</i> , 2012 , 18, 7552-60	4.8	60
342	Intramolecular [2+2] photocycloaddition of 3- and 4-(but-3-enyl)oxyquinolones: influence of the alkene substitution pattern, photophysical studies, and enantioselective catalysis by a chiral sensitizer. <i>Chemistry - A European Journal</i> , 2013 , 19, 7461-72	4.8	60
341	Enantioselective photochemical reactions of 2-pyridones in solution. <i>Organic Letters</i> , 2001 , 3, 601-3	6.2	59
340	Thulium:YAG vapoenucleation in large volume prostates. <i>Journal of Urology</i> , 2011 , 186, 2323-7	2.5	58
339	Enantioselective [4+2]-cycloaddition reaction of a photochemically generated o-quinodimethane: mechanistic details, association studies, and pressure effects. <i>Chemistry - A European Journal</i> , 2004 , 10, 2179-89	4.8	58
338	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, 1214-9	1.6	57
337	Bladder neck incision using a 70 W 2 micron continuous wave laser (RevoLix). <i>World Journal of Urology</i> , 2007 , 25, 263-7	4	56
336	Highly diastereoselective Friedel-Crafts alkylation reactions via chiral alpha-functionalized benzylic carbocations. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 272-84	4.5	55
335	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, 4512-21	4.8	55
334	Selective C-2 alkylation of tryptophan by a Pd(II)/norbornene-promoted C-H activation reaction. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12263-7	4.2	52
333	Synthesis of 2,6-disubstituted 4-bromo-2,4-dithiazoles by regioselective cross-coupling reactions. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5789-95	4.2	52
332	Additions to Functionalized Arenes with Concurrent Dearomatization. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 729-730		52
331	Enantioselective Visible-Light-Induced Radical-Addition Reactions to 3-Alkylidene Indolin-2-ones. <i>Chemistry - A European Journal</i> , 2016 , 22, 6519-23	4.8	52
330	Current evidence for transurethral laser therapy of non-muscle invasive bladder cancer. <i>World Journal of Urology</i> , 2011 , 29, 433-42	4	51

- 329 Licht-getriebene enantioselektive Organokatalyse. *Angewandte Chemie*, **2009**, 121, 6767-6769 3.6 51
- 328 Thulium:yttrium-aluminium-garnet laser prostatectomy in men with refractory urinary retention. *BJU International*, **2009**, 104, 361-4 5.6 51
- 327 Gold(III) Chloride-Catalyzed Diastereoselective Alkylation Reactions with Chiral Benzylic Acetates. *Advanced Synthesis and Catalysis*, **2008**, 350, 1125-1130 5.6 51
- 326 Synthesis of 2-(o-hydroxyaryl)-4-arylthiazoles by regioselective Pd(0)-catalyzed cross-coupling. *Tetrahedron Letters*, **2000**, 41, 1707-1710 2 51
- 325 Iron(II)-catalyzed intramolecular aminochlorination of alkenes. *Chemical Communications*, **2000**, 287-288 5.8 51
- 324 3-Acetoxyquinuclidine as Catalyst in Electron Donor/Acceptor Complex-Mediated Reactions Triggered by Visible Light. *ACS Catalysis*, **2019**, 9, 9103-9109 13.1 50
- 323 Bi(OTf)₃-catalyzed diastereoselective S(N)₁-type reactions of chiral propargylic acetates. *Angewandte Chemie - International Edition*, **2008**, 47, 10106-9 16.4 50
- 322 Diastereoselective photocycloaddition of an axial chiral enamide. *Tetrahedron Letters*, **1999**, 40, 9003-9004 50
- 321 A rapid injection NMR study of the chelation controlled Mukaiyama aldol addition: TiCl₄ versus LiClO₄ as the Lewis acid. *Tetrahedron*, **1992**, 48, 5731-5742 2.4 50
- 320 Chromophore Activation of α,β -Unsaturated Carbonyl Compounds and Its Application to Enantioselective Photochemical Reactions. *Angewandte Chemie - International Edition*, **2018**, 57, 14338-14349 16.4 49
- 319 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. *European Journal of Organic Chemistry*, **1999**, 1999, 2045-2057 3.2 48
- 318 Enantioselective Lewis Acid Catalyzed ortho Photocycloaddition of Olefins to Phenanthrene-9-carboxaldehydes. *Angewandte Chemie - International Edition*, **2018**, 57, 14593-14596 16.4 48
- 317 70 vs 120 W thulium:yttrium-aluminium-garnet 2 microm continuous-wave laser for the treatment of benign prostatic hyperplasia: a systematic ex-vivo evaluation. *BJU International*, **2010**, 106, 368-72 5.6 47
- 316 Concise total synthesis of the thiazolyl peptide antibiotic GE2270 A. *Chemistry - A European Journal*, **2008**, 14, 2322-39 4.8 47
- 315 Enantioselective Norrish-Yang cyclization reactions of N-(omega-oxo-omega-phenylalkyl)-substituted imidazolidinones in solution and in the solid state. *Chemistry - A European Journal*, **2002**, 8, 2464-75 4.8 47
- 314 Regioselective Cross-Coupling Reactions as an Entry into Biologically Relevant Bithiazoles: First Total Synthesis of Cystothiazole E. *Angewandte Chemie - International Edition*, **2001**, 40, 3184-3185 16.4 47
- 313 The synthesis of (+)-preussin and related pyrrolidinols by diastereoselective Paterni-Büchi reactions of chiral 2-substituted 2,3-dihydropyrroles. *Chemistry - A European Journal*, **2000**, 6, 3838-48 4.8 47
- 312 Enantiotopos-selective C-H oxygenation catalyzed by a supramolecular ruthenium complex. *Angewandte Chemie - International Edition*, **2015**, 54, 691-5 16.4 46

311	Enantioselective radical cyclisation reactions of 4-substituted quinolones mediated by a chiral template. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3516-29	3.9	46
310	Diastereo- and enantioselective intramolecular [2+2] photocycloaddition reactions of 3-(omega-alkenyl)- and 3-(omega-alkenyloxy)-substituted 5,6-dihydro-1H-pyridin-2-ones. <i>Chemistry - A European Journal</i> , 2010 , 16, 4284-96	4.8	46
309	1,3-Allylic Strain as a Control Element in the Paternò-Büchi 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	16.4	46
308	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, 1199-201	16.4	46
307	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	4.2	46
306	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, 852-5	6.2	45
305	Tm:YAG laser en bloc mucosectomy for accurate staging of primary bladder cancer: early experience. <i>World Journal of Urology</i> , 2011 , 29, 429-32	4	45
304	Does open stone surgery still play a role in the treatment of urolithiasis? Data of a primary urolithiasis center. <i>Journal of Endourology</i> , 2009 , 23, 1209-12	2.7	45
303	Inhibition of cyclin-dependent kinase activity and induction of apoptosis by preussin in human tumor cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 2794-801	5.9	45
302	Enantioselective Katalyse der intermolekularen [2+2]-Photocycloaddition von 2-Pyridonen mit Acetylendicarbonisreestern. <i>Angewandte Chemie</i> , 2014 , 126, 7793-7796	3.6	44
301	Photochemistry of 4-(2-aminoethyl)quinolones: 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, 5662-73	4.2	44
300	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	10.2	43
299	Regioselective oxidative coupling reactions of 3-substituted thiophenes with arylboronic acids. <i>Organic Letters</i> , 2011 , 13, 3640-3	6.2	43
298	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, 1135-40	2.7	43
297	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	2.9	43
296	Lactam Hydrogen Bonds as Control Elements in Enantioselective Transition-Metal-Catalyzed and Photochemical Reactions. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8815-8836	4.2	42
295	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. <i>European Urology</i> , 2017 , 72, 757-769	10.2	42
294	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, 13524-31	16.4	42

293	Enantioselective Visible-Light-Mediated Formation of 3-Cyclopropylquinolones by Triplet-Sensitized Deracemization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3538-3541	16.4	42
292	Unprecedented Facial Diastereoselectivity in the Patern-Büchi Reaction of a Chiral Dihydropyrrole-A Short Total Synthesis of (+)-Preussin. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 3400-3402	16.4	41
291	Regioselective C-C Bond Formation Reactions on 2,3-Dibromo- and 2,3,5-Tribromobenzofuran-As an Access to Multiply Substituted Benzofurans. Total Syntheses of Eupomatenoïds 3, 4, 5, 6, and 15. <i>Synthesis</i> , 2003 , 2003, 0925-0939	2.9	41
290	Diastereomerically Pure 3-(Silyloxy)oxetanes by a Selective Patern-Büchi Reaction. <i>Chemische Berichte</i> , 1993 , 126, 2457-2466		41
289	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, 525-30	4	40
288	A Chiral Thiourea as a Template for Enantioselective Intramolecular [2 + 2] Photocycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 2016 , 81, 6965-71	4.2	40
287	Rectourethral fistula after high-intensity focused ultrasound therapy for prostate cancer and its surgical management. <i>Urology</i> , 2011 , 77, 999-1004	1.6	40
286	Intramolecular [2+2] photocycloaddition of substituted isoquinolones: enantioselectivity and kinetic resolution induced by a chiral template. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8416-91	16.4	40
285	Enantioselective Lewis-Säure-Katalyse in intramolekularen [2+2]-Photocycloadditionen von Cumarinen. <i>Angewandte Chemie</i> , 2010 , 122, 7948-7951	3.6	40
284	Enantioselective Photochemical Reactions Enabled by Triplet Energy Transfer. <i>Chemical Reviews</i> , 2021 ,	68.1	40
283	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	16.4	39
282	The Post-Ureteroscopic Lesion Scale (PULS): a multicenter video-based evaluation of inter-rater reliability. <i>World Journal of Urology</i> , 2014 , 32, 1033-40	4	39
281	Preparation and intramolecular [2+2]-photocycloaddition of 1,5-dihydropyrrol-2-ones and 5,6-dihydro-1H-pyridin-2-ones with C-, N-, and O-linked alkenyl side chains at the 4-position. <i>Journal of Organic Chemistry</i> , 2008 , 73, 2345-56	4.2	39
280	Technical solutions to improve the management of non-muscle-invasive transitional cell carcinoma: summary of a European Association of Urology Section for Uro-Technology (ESUT) and Section for Uro-Oncology (ESOU) expert meeting and current and future perspectives. <i>BJU International</i> , 2015 , 115, 14-23	5.6	38
279	Redox and photocatalytic properties of a Ni complex with a macrocyclic biquinazoline (Mabiq) ligand. <i>Chemical Science</i> , 2018 , 9, 3313-3317	9.4	38
278	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, 8009-11	5.8	38
277	The Patern-Büchi Reaction of 3-Heteroatom-Substituted Alkenes as A Stereoselective Entry to Polyfunctional Cyclic and Acyclic Molecules. <i>Liebigs Annalen</i> , 1997 , 1997, 1627-1634		38
276	Chemo- and diastereoselective Bi(OTf) ₃ -catalyzed benzylation of silyl nucleophiles. <i>Tetrahedron Letters</i> , 2008 , 49, 1305-1309	2	38

275	Conformationally constrained beta-amino acid derivatives by intramolecular [2 + 2]-photocycloaddition of a tetronic acid amide and subsequent lactone ring opening. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9798-808	4.2	37
274	Chirality multiplication and efficient chirality transfer in exo- and endo-radical cyclization reactions of 4-(4-iodobutyl)quinolones. <i>Organic Letters</i> , 2006 , 8, 3145-7	6.2	37
273	C-H alkylation reactions of indoles mediated by Pd(ii) and norbornene: applications and recent developments. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5376-5385	3.9	37
272	Biooxidation of bridged cycloketones using Baeyer-Villiger monooxygenases of various bacterial origin. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9597-603	4.2	36
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3 Biomimetic Total Synthesis of Enterocin. *Angewandte Chemie*, **2021**, 133, 20431-20435

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2 Transition-Metal-Catalyzed, Site- and Enantioselective Oxygen and Nitrogen Transfer Enabled by Lactam Hydrogen Bonds **2022**, 145-160

1 ENANTIOSELECTIVE PHOTOCHEMICAL [2+2] CYCLOADDITION REACTIONS **2022**, 355-384