

Thorsten Bach

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,404
citations

201674

27
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206112

48
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67
all docs

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docs citations

67
times ranked

1531
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Enantioselective Lewis Acid Catalysis in Intramolecular [2+2] Photocycloaddition Reactions of Coumarins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7782-7785. | 13.8 | 139 |
| 2 | Technical aspects of lasers in urology. <i>World Journal of Urology</i> , 2007, 25, 221-225. | 2.2 | 135 |
| 3 | Laser Treatment of Benign Prostatic Obstruction: Basics and Physical Differences. <i>European Urology</i> , 2012, 61, 317-325. | 1.9 | 123 |
| 4 | 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. | 1.9 | 119 |
| 5 | 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. | 2.2 | 118 |
| 6 | 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. | 1.2 | 97 |
| 7 | Enantioselective Intermolecular [2+2] Photocycloaddition Reaction of Cyclic Enones and Its Application in a Synthesis of (âˆ“)â€”Grandisol. <i>Journal of the American Chemical Society</i> , 2018, 140, 3228-3231. | 13.7 | 94 |
| 8 | 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. | 2.2 | 84 |
| 9 | Chromophore Activation of Î±,Î²â€”Unsaturated Carbonyl Compounds and Its Application to Enantioselective Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14338-14349. | 13.8 | 82 |
| 10 | 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. | 1.0 | 80 |
| 11 | Thulium:YAG Vapoenucleation in Large Volume Prostates. <i>Journal of Urology</i> , 2011, 186, 2323-2327. | 0.4 | 75 |
| 12 | Enantioselective Lewis Acid Catalyzed <i>ortho</i> Photocycloaddition of Olefins to Phenanthreneâ€”carboxaldehydes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14593-14596. | 13.8 | 74 |
| 13 | Current evidence for transurethral laser therapy of non-muscle invasive bladder cancer. <i>World Journal of Urology</i> , 2011, 29, 433-442. | 2.2 | 65 |
| 14 | Bladder neck incision using a 70â€”W 2 micron continuous wave laser (RevoLix). <i>World Journal of Urology</i> , 2007, 25, 263-267. | 2.2 | 62 |
| 15 | Thulium:yttriumâ€”aluminumâ€”garnet laser prostatectomy in men with refractory urinary retention. <i>BJU International</i> , 2009, 104, 361-364. | 2.5 | 60 |
| 16 | Tm:YAG laser en bloc mucosectomy for accurate staging of primary bladder cancer: early experience. <i>World Journal of Urology</i> , 2011, 29, 429-432. | 2.2 | 59 |
| 17 | 70 vs 120 W thulium:yttriumâ€”aluminumâ€”garnet 2â€”â€”m continuousâ€”wave laser for the treatment of benign prostatic hyperplasia: a systematic exâ€”vivo evaluation. <i>BJU International</i> , 2010, 106, 368-372. | 2.5 | 56 |
| 18 | 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. | 2.1 | 54 |

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|----|---|------|-----------|
| 19 | 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. | 2.2 | 52 |
| 20 | Rectourethral Fistula After High-intensity Focused Ultrasound Therapy for Prostate Cancer and Its Surgical Management. <i>Urology</i> , 2011, 77, 999-1004. | 1.0 | 49 |
| 21 | 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 pers. <i>BJU International</i> , 2015, 115, 14-23. | 2.5 | 45 |
| 22 | Intramolecular [2+2] Photocycloaddition of Cyclic Enones: Selectivity Control by Lewis Acids and Mechanistic Implications. <i>Chemistry - A European Journal</i> , 2019, 25, 8135-8148. | 3.3 | 45 |
| 23 | 120-W 2-µm thulium:yttrium-aluminium-garnet vapoenucleation of the prostate: 12-month follow-up. <i>BJU International</i> , 2012, 110, 96-101. | 2.5 | 37 |
| 24 | Lewis Acid Catalyzed Enantioselective Photochemical Rearrangements on the Singlet Potential Energy Surface. <i>Journal of the American Chemical Society</i> , 2019, 141, 20053-20057. | 13.7 | 34 |
| 25 | Comparison of 120-W 2-µm Thulium:Yttrium-Aluminum-Garnet Vapoenucleation of the Prostate. <i>Journal of Endourology</i> , 2012, 26, 224-229. | 2.1 | 30 |
| 26 | Operative time comparison of aquablation, greenlight PVP, ThuLEP, GreenLEP, and HoLEP. <i>World Journal of Urology</i> , 2020, 38, 3227-3233. | 2.2 | 30 |
| 27 | New alternatives for laser vaporization of the prostate: experimental evaluation of a 980-, 1,318- and 1,470-nm diode laser device. <i>World Journal of Urology</i> , 2010, 28, 181-186. | 2.2 | 28 |
| 28 | Visible Light-Mediated Dearomative Hydrogen Atom Abstraction/ Cyclization Cascade of Indoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 27 |
| 29 | Transfusion rates after 800 Aquablation procedures using various haemostasis methods. <i>BJU International</i> , 2020, 125, 568-572. | 2.5 | 26 |
| 30 | Thulium:YAG Vapoenucleation of the prostate in large glands: a prospective comparison using 70- and 120-W 2-µm lasers. <i>Asian Journal of Andrology</i> , 2012, 14, 325-329. | 1.6 | 24 |
| 31 | Association of Prostate Size and Perioperative Morbidity in Thulium:YAG Vapoenucleation of the Prostate. <i>Urologia Internationalis</i> , 2014, 93, 22-28. | 1.3 | 24 |
| 32 | Prospective assessment of perioperative course in 2648 patients after surgical treatment of benign prostatic obstruction. <i>World Journal of Urology</i> , 2017, 35, 285-292. | 2.2 | 24 |
| 33 | Objective Assessment of Working Tool Impact on Irrigation Flow and Visibility in Flexible Ureterorenoscopes. <i>Journal of Endourology</i> , 2011, 25, 1125-1129. | 2.1 | 23 |
| 34 | Chromophoraktivierung von 1,2-ungesättigten Carbonylverbindungen und ihre Anwendung in enantioselektiven Photoreaktionen. <i>Angewandte Chemie</i> , 2018, 130, 14536-14547. | 2.0 | 23 |
| 35 | Standardized Comparison of Prostate Morcellators Using a New <i>Ex-Vivo</i> Model. <i>Journal of Endourology</i> , 2012, 26, 697-700. | 2.1 | 22 |
| 36 | First Multi-Center All-Comers Study for the Aquablation Procedure. <i>Journal of Clinical Medicine</i> , 2020, 9, 603. | 2.4 | 22 |

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|----|---|------|-----------|
| 37 | Factors Predicting for Formation of Bladder Outlet Obstruction After High-Intensity Focused Ultrasound in Treatment of Localized Prostate Cancer. <i>Urology</i> , 2008, 71, 863-867. | 1.0 | 21 |
| 38 | Enantioselektive Lewisä€katalysierte ortho-Photocycloaddition von Phenanthrenä€carbaldehyden. <i>Angewandte Chemie</i> , 2018, 130, 14801-14805. | 2.0 | 21 |
| 39 | Tissue damage by laser radiation: an in vitro comparison between Tm:YAG and Ho:YAG laser on a porcine kidney model. <i>SpringerPlus</i> , 2016, 5, 266. | 1.2 | 17 |
| 40 | Enantioselective crossed intramolecular [2+2] photocycloaddition reactions mediated by a chiral chelating Lewis acid. <i>Chemical Science</i> , 2022, 13, 2378-2384. | 7.4 | 16 |
| 41 | Activation of 2ä€Cyclohexenone by BF 3 Coordination: Mechanistic Insights from Theory and Experiment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10155-10163. | 13.8 | 15 |
| 42 | Retrograde Blind Endoureterotomy for Subtotal Ureteral Strictures: A New Technique. <i>Journal of Endourology</i> , 2008, 22, 2565-2570. | 2.1 | 14 |
| 43 | Bipolar resection of the bladder and prostate–initial experience with a newly developed regular sized loop resectoscope. <i>Journal of Medicine and Life</i> , 2009, 2, 443-6. | 1.3 | 12 |
| 44 | TURP in Patients With Biopsy-Proven Prostate Cancer: Sensitivity for Cancer Detection. <i>Urology</i> , 2009, 73, 100-104. | 1.0 | 11 |
| 45 | Reasons to overthrow TURP: bring on Aquablation. <i>World Journal of Urology</i> , 2021, 39, 2291-2299. | 2.2 | 11 |
| 46 | Reversal of reaction type selectivity by Lewis acid coordination: the ortho photocycloaddition of 1- and 2-naphthaldehyde. <i>Chemical Science</i> , 2019, 10, 8566-8570. | 7.4 | 10 |
| 47 | Efficacy and safety of aquablation of the prostate for patients with symptomatic benign prostatic enlargement: a systematic review. <i>World Journal of Urology</i> , 2020, 38, 1147-1163. | 2.2 | 10 |
| 48 | Vaporization vs. enucleation techniques for BPO. <i>Current Opinion in Urology</i> , 2015, 25, 45-52. | 1.8 | 9 |
| 49 | Dielsä€Alder Reaction of Photochemically Generated (E)-Cyclohept-2-enones: Diene Scope, Reaction Pathway, and Synthetic Application. <i>Journal of Organic Chemistry</i> , 2022, 87, 4838-4851. | 3.2 | 9 |
| 50 | Insertion Sheaths Prevent Breakage of Flexible Ureteroscopes Due to Laser Fiber Passage: A Video-Endoluminal Study of the Working Channel. <i>Journal of Endourology</i> , 2010, 24, 1747-1751. | 2.1 | 8 |
| 51 | Visible Lightä€Mediated Dearomative Hydrogen Atom Abstraction/ Cyclization Cascade of Indoles. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 6 |
| 52 | Activation of 2ä€Cyclohexenone by BF 3 Coordination: Mechanistic Insights from Theory and Experiment. <i>Angewandte Chemie</i> , 2021, 133, 10243-10251. | 2.0 | 5 |
| 53 | 1917 VAPONUCLEATION OF THE PROSTATE USING THE THULIUM:YAG 2 MICRON CW LASER IN HIGH-RISK PATIENTS. <i>Journal of Urology</i> , 2010, 183, . | 0.4 | 4 |
| 54 | Radiopaque Laser Fiber for Holmium: Yttrium-Aluminum-Garnet Laser Lithotripsy: Critical Evaluation. <i>Journal of Endourology</i> , 2012, 26, 722-725. | 2.1 | 4 |

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|----|---|-----|-----------|
| 55 | Photochemical Ring Contraction of 5,5-Dialkylcyclopent-2-enones and <i>in situ</i> Trapping by Primary Amines. <i>Journal of Organic Chemistry</i> , 2023, 88, 6294-6303. | 3.2 | 4 |
| 56 | Update on lasers in urology 2015. <i>World Journal of Urology</i> , 2015, 33, 457-460. | 2.2 | 3 |
| 57 | Meta-analysis with individual data of functional outcomes following Aquablation for lower urinary tract symptoms due to BPH in various prostate anatomies. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2021, 3, e000090. | 0.9 | 3 |
| 58 | Superiority of the EF-120-00-3F biopsy forceps in the histopathological evaluation of upper urinary tract specimens. <i>World Journal of Urology</i> , 2013, 32, 931-8. | 2.2 | 2 |
| 59 | Ureterorenoskopie bei Urolithiasis. , 2016, , 525-537. | | 1 |
| 60 | Tm:YAG laser vapoenucleation (ThuVEP) – One-year follow-up in elderly patients. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2011, 26, 49-53. | 0.3 | 0 |
| 61 | TURPxit or not: contemporary management options for benign prostatic obstruction. <i>World Journal of Urology</i> , 2021, 39, 2251-2254. | 2.2 | 0 |
| 62 | Alternative Laser Energy Sources: Clinical Implications. , 2010, , 311-316. | | 0 |
| 63 | Thulium Laser Enucleation of the Prostate: Five Steps to Surgical Success. <i>Videourology (New)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.1 | 0 |
| 64 | Benign Prostatic Hyperplasia (BPH). , 2021, , 3-38. | | 0 |