

Thorsten Bach

List of Publications by Year in descending order

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64
papers

2,404
citations

201385

27
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205818

48
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67
all docs

67
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.	7.2	139
2	Technical aspects of lasers in urology. <i>World Journal of Urology</i> , 2007, 25, 221-225.	1.2	135
3	Laser Treatment of Benign Prostatic Obstruction: Basics and Physical Differences. <i>European Urology</i> , 2012, 61, 317-325.	0.9	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.	0.9	119
5	RevoLix [®] laser 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
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.	0.6	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.	6.6	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.	1.2	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.	7.2	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.	0.5	80
11	Thulium:YAG Vapoenucleation in Large Volume Prostates. <i>Journal of Urology</i> , 2011, 186, 2323-2327.	0.2	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.	7.2	74
13	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
14	Bladder neck incision using a 70â€”W 2 micron continuous wave laser (RevoLix). <i>World Journal of Urology</i> , 2007, 25, 263-267.	1.2	62
15	Thulium:yttriumâ€”aluminumâ€”garnet laser prostatectomy in men with refractory urinary retention. <i>BJU International</i> , 2009, 104, 361-364.	1.3	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.	1.2	59
17	70 vs 120 W thulium:yttriumâ€”aluminumâ€”garnet 2â€”â€”micron continuousâ€”wave laser for the treatment of benign prostatic hyperplasia: a systematic exâ€”vivo evaluation. <i>BJU International</i> , 2010, 106, 368-372.	1.3	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.	1.1	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.	1.2	52
20	Rectourethral Fistula After High-intensity Focused Ultrasound Therapy for Prostate Cancer and Its Surgical Management. <i>Urology</i> , 2011, 77, 999-1004.	0.5	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.	1.3	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.	1.7	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.	1.3	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.	6.6	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.	1.1	30
26	Operative time comparison of aquablation, greenlight PVP, ThuLEP, GreenLEP, and HoLEP. <i>World Journal of Urology</i> , 2020, 38, 3227-3233.	1.2	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.	1.2	28
28	Visible Light-Mediated Dearomative Hydrogen Atom Abstraction/ Cyclization Cascade of Indoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
29	Transfusion rates after 800 Aquablation procedures using various haemostasis methods. <i>BJU International</i> , 2020, 125, 568-572.	1.3	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.	0.8	24
31	Association of Prostate Size and Perioperative Morbidity in Thulium:YAG Vapoenucleation of the Prostate. <i>Urologia Internationalis</i> , 2014, 93, 22-28.	0.6	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.	1.2	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.	1.1	23
34	Chromophoraktivierung von 1,2-ungesättigten Carbonylverbindungen und ihre Anwendung in enantioselektiven Photoreaktionen. <i>Angewandte Chemie</i> , 2018, 130, 14536-14547.	1.6	23
35	Standardized Comparison of Prostate Morcellators Using a New <i>Ex-Vivo</i> Model. <i>Journal of Endourology</i> , 2012, 26, 697-700.	1.1	22
36	First Multi-Center All-Comers Study for the Aquablation Procedure. <i>Journal of Clinical Medicine</i> , 2020, 9, 603.	1.0	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.	0.5	21
38	Enantioselektive Lewisä€katalysierte ortho-Photocycloaddition von Phenanthrenä€carbaldehyden. <i>Angewandte Chemie</i> , 2018, 130, 14801-14805.	1.6	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.	3.7	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.	7.2	15
42	Retrograde Blind Endoureterotomy for Subtotal Ureteral Strictures: A New Technique. <i>Journal of Endourology</i> , 2008, 22, 2565-2570.	1.1	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.	0.4	12
44	TURP in Patients With Biopsy-Proven Prostate Cancer: Sensitivity for Cancer Detection. <i>Urology</i> , 2009, 73, 100-104.	0.5	11
45	Reasons to overthrow TURP: bring on Aquablation. <i>World Journal of Urology</i> , 2021, 39, 2291-2299.	1.2	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.	3.7	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.	1.2	10
48	Vaporization vs. enucleation techniques for BPO. <i>Current Opinion in Urology</i> , 2015, 25, 45-52.	0.9	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.	1.7	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.	1.1	8
51	Visible Lightä€Mediated Dearomative Hydrogen Atom Abstraction/ Cyclization Cascade of Indoles. <i>Angewandte Chemie</i> , 0, , .	1.6	6
52	Activation of 2ä€Cyclohexenone by BF 3 Coordination: Mechanistic Insights from Theory and Experiment. <i>Angewandte Chemie</i> , 2021, 133, 10243-10251.	1.6	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, .	0.2	4
54	Radiopaque Laser Fiber for Holmium: Yttrium-Aluminum-Garnet Laser Lithotripsy: Critical Evaluation. <i>Journal of Endourology</i> , 2012, 26, 722-725.	1.1	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.	1.7	4
56	Update on lasers in urology 2015. <i>World Journal of Urology</i> , 2015, 33, 457-460.	1.2	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.	0.6	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.	1.2	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.	0.4	0
61	TURPxit or not: contemporary management options for benign prostatic obstruction. <i>World Journal of Urology</i> , 2021, 39, 2251-2254.	1.2	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