

Paweł, Borowiecki

List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoenzymatic deracemization of lisofylline catalyzed by a (laccase/TEMPO)-alcohol dehydrogenase system. <i>Catalysis Science and Technology</i> , 2022, 12, 4312-4324.	4.1	6
2	Expanding Access to Optically Active Non-Steroidal Anti-Inflammatory Drugs via Lipase-Catalyzed KR of Racemic Acids Using Trialkyl Orthoesters as Irreversible Alkoxy Group Donors. <i>Catalysts</i> , 2022, 12, 546.	3.5	3
3	Biocatalytic hydrogen-transfer to access enantiomerically pure proxyphylline, xanthinol, and diprophylline. <i>Bioorganic Chemistry</i> , 2022, 127, 105967.	4.1	3
4	Chemoenzymatic synthesis of enantiomerically enriched diprophylline and xanthinol nicotinate. <i>Bioorganic Chemistry</i> , 2021, 106, 104448.	4.1	6
5	Chemoenzymatic enantioselective and stereo-convergent syntheses of lisofylline enantiomers via lipase-catalyzed kinetic resolution and optical inversion approach. <i>Molecular Catalysis</i> , 2021, 504, 111451.	2.0	11
6	The First Insight Into the Supramolecular System of D,L- $\hat{\pm}$ -Difluoromethylornithine: A New Antiviral Perspective. <i>Frontiers in Chemistry</i> , 2021, 9, 679776.	3.6	7
7	Synthesis of Novel Acyl Derivatives of 3-(4,5,6,7-Tetrabromo-1H-benzimidazol-1-yl)propan-1-ol as Intracellular TBBi-Based CK2 Inhibitors with Proapoptotic Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6261.	4.1	6
8	From Waste to Value – Direct Utilization of $\hat{\pm}$ -Angelica Lactone as a Nonconventional Irreversible Acylating Agent in a Chromatography-Free Lipase-Catalyzed KR Approach toward <i>sec</i> -Alcohols. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10276-10290.	6.7	4
9	Antifungal polybrominated proxyphylline derivative induces <i>Candida albicans</i> calcineurin stress response in <i>Galleria mellonella</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127545.	2.2	2
10	Biocatalytic Asymmetric Reduction of $\hat{\pm}$ -Keto Esters to Access Optically Active $\hat{\pm}$ -Aryl- $\hat{\pm}$ -butyrolactones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2012-2029.	4.3	18
11	Highly efficient, solvent-free esterification of testosterone promoted by a recyclable polymer-supported tosylic acid catalyst under microwave irradiation. <i>Arkivoc</i> , 2020, 2019, 288-305.	0.5	1
12	A facile lipase-catalyzed KR approach toward enantiomerically enriched homopropargyl alcohols. <i>Bioorganic Chemistry</i> , 2019, 93, 102754.	4.1	8
13	Synthesis of novel proxyphylline derivatives with dual Anti- <i>Candida albicans</i> and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 307-333.	5.5	22
14	Chemoenzymatic Preparation of Enantiomerically Enriched (<i>R</i>)-Mandelic Acid Derivatives: Application in the Synthesis of the Active Agent Pemoline. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2290-2304.	2.4	22
15	Lipase-Catalyzed Kinetic Resolution of <i>N</i> -Substituted 1-($\hat{\pm}$ -Hydroxypropyl)indoles by Enantioselective Acetylation. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5378-5390.	2.4	4
16	Lipase-catalyzed kinetic resolution approach toward enantiomerically enriched 1-($\hat{\pm}$ -hydroxypropyl)indoles. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1717-1732.	1.8	16
17	Chemoenzymatic Synthesis of Proxyphylline Enantiomers. <i>Journal of Organic Chemistry</i> , 2016, 81, 380-395.	3.2	23
18	Enantiodifferentiation of promethazine using (<i>S</i>)-($\hat{\sim}$)-BINOL as the NMR chiral solvating agent: determination of the enantiomeric purity and performance comparison with traditional chiral HPLC. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 16-23.	1.8	23

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19	Asymmetric reduction of 1-(benzoazol-2-ylsulfanyl)propan-2-ones using whole cells of <i>Mortierella isabellina</i> , <i>Debaryomyces hansenii</i> , <i>Geotrichum candidum</i> and <i>Zygosaccharomyces rouxii</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 109, 9-16.	1.8	3
20	Synthesis of novel chiral TBBt derivatives with hydroxyl moiety. Studies on inhibition of human protein kinase CK2± and cytotoxicity properties. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 364-374.	5.5	21
21	First chemoenzymatic stereodivergent synthesis of both enantiomers of promethazine and ethopropazine. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 3038-3055.	2.2	16
22	Studies on the chemoenzymatic synthesis of (R)- and (S)-methyl 3-aryl-3-hydroxypropionates: the influence of toluene-pretreatment of lipase preparations on enantioselective transesterifications. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 925-936.	1.8	16
23	First chemoenzymatic synthesis of (R)- and (S)-1-(9H-fluoren-9-yl)ethanol. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1120-1126.	1.8	9
24	Synthesis and Antimicrobial Activity of Imidazolium and Triazolium Chiral Ionic Liquids. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 712-720.	2.4	41
25	Lipase-catalyzed kinetic resolution of 1-(1,3-benzothiazol-2-ylsulfanyl)propan-2-ol with antifungal activity: a comparative study of transesterification versus hydrolysis. <i>Tetrahedron</i> , 2013, 69, 4597-4602.	1.9	14
26	Chemoenzymatic synthesis and biological evaluation of enantiomerically enriched 1-(1 ² -hydroxypropyl)imidazolium- and triazolium-based ionic liquids. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 516-525.	2.2	17
27	Preparation and thermal stability of optically active 1,2,4-triazolium-based ionic liquids. <i>Arkivoc</i> , 2013, 2012, 262-281.	0.5	9