

Jan Deska

List of Publications by Year in descending order

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73
papers

1,225
citations

361296

20
h-index

414303

32
g-index

100
all docs

100
docs citations

100
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoenzymatic Dynamic Kinetic Resolution of Axially Chiral Allenes. <i>Chemistry - A European Journal</i> , 2010, 16, 4447-4451.	1.7	85
2	Enantioselective Enzymatic Desymmetrization of Prochiral Allenic Diols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9731-9734.	7.2	64
3	Enzymatic aerobic ring rearrangement of optically active furylcarbinols. <i>Nature Communications</i> , 2014, 5, 5278.	5.8	63
4	Enzymatic kinetic resolution of primary allenic alcohols. Application to the total synthesis and stereochemical assignment of striatisporolide A. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3379.	1.5	56
5	The Achmatowicz Rearrangement – Oxidative Ring Expansion of Furfuryl Alcohols. <i>Synthesis</i> , 2015, 47, 3435-3450.	1.2	56
6	Highly Stereoselective Peptide Modifications through Pd-Catalyzed Allylic Alkylations of Chelated Peptide Enolates. <i>Chemistry - A European Journal</i> , 2007, 13, 6204-6211.	1.7	50
7	Peptide Backbone Modifications. <i>Current Organic Chemistry</i> , 2008, 12, 355-385.	0.9	46
8	Bioinduced Room-Temperature Methanol Reforming. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10308-10312.	7.2	45
9	Stereoselective Syntheses and Reactions of Stannylated Peptides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4570-4573.	7.2	44
10	Highly Stereoselective Allylic Alkylations of Peptides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4855-4858.	7.2	38
11	Enzymatic halocyclization of allenic alcohols and carboxylates: a biocatalytic entry to functionalized O-heterocycles. <i>Green Chemistry</i> , 2017, 19, 447-452.	4.6	32
12	Biocatalytic Production of Amino Carbohydrates through Oxidoreductase and Transaminase Cascades. <i>ChemSusChem</i> , 2019, 12, 848-857.	3.6	32
13	Enantioselective enzymatische Desymmetrisierung prochiraler Allendiole. <i>Angewandte Chemie</i> , 2011, 123, 9905-9908.	1.6	31
14	Enzymatic approaches for the preparation of optically active non-centrochiral compounds. <i>Tetrahedron</i> , 2016, 72, 1257-1275.	1.0	30
15	Chemoenzymatic total synthesis of hyperiones A and B. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1376.	1.5	25
16	Shape and Phase Transitions in a PEGylated Phospholipid System. <i>Langmuir</i> , 2019, 35, 3999-4010.	1.6	25
17	Enantioselective Synthesis of Axially Chiral Tetrasubstituted Allenes via Lipase-Catalyzed Desymmetrization. <i>Synthesis</i> , 2012, 44, 3789-3796.	1.2	24
18	Chemoenzymatic Total Synthesis of (+)- & (–)-cis-Osmundalactone. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 280-284.	1.8	23

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19	Chloroperoxidaseâ€Catalyzed Achmatowicz Rearrangements. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2717-2725.	1.2	22
20	Enantioconvergent Biocatalytic Redox Isomerization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12151-12156.	7.2	22
21	Oxonium Ylide Rearrangement of Enzymatically Desymmetrized Glutarates. <i>Organic Letters</i> , 2013, 15, 5998-6001.	2.4	19
22	Arylative Allenol Cyclization via Sequential Oneâ€pot Enzyme & Palladium Catalysis. <i>ChemCatChem</i> , 2021, 13, 763-769.	1.8	19
23	Beyond hydrophobicity: how F4-TCNQ doping of the hole transport material improves stability of mesoporous triple-cation perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11721-11731.	5.2	19
24	Extracellular xylanase production from a new xylanase producer <i>Tuber maculatum</i> mycelium under submerged fermentation and its characterization. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 11, 288-293.	1.5	18
25	Palladium-Catalyzed Allylic Alkylations as Versatile Tool for Amino Acid and Peptide Modifications. <i>Synthesis</i> , 2013, 45, 1462-1468.	1.2	17
26	Synthesis of silver and gold nanoparticlesâ€enzymeâ€polymer conjugate hybrids as dual-activity catalysts for chemoenzymatic cascade reactions. <i>Nanoscale</i> , 2022, 14, 5701-5715.	2.8	17
27	Migratory Dynamic Kinetic Resolution of Carbocyclic Allylic Alcohols. <i>Organic Letters</i> , 2014, 16, 5952-5955.	2.4	16
28	Selfâ€Sufficient Formaldehydeâ€toâ€Methanol Conversion by Organometallic Formaldehyde Dismutase Mimic. <i>Chemistry - A European Journal</i> , 2016, 22, 11568-11573.	1.7	15
29	Biochemical Characterization of Extracellular Cellulase from <i>Tuber maculatum</i> Mycelium Produced Under Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 772-783.	1.4	15
30	A straightforward approach towards glycoamino acids and glycopeptides via Pd-catalysed allylic alkylation. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 103-110.	1.5	14
31	Stereoselective Synthesis of Deuterated Î²-Cyclohexenylserine, a Biosynthetic Intermediate of the Salinosporamides. <i>Organic Letters</i> , 2011, 13, 3210-3213.	2.4	13
32	Modular Synthesis of Optically Active Trögerâ€Bases Analogues. <i>ChemPlusChem</i> , 2013, 78, 1510-1516.	1.3	13
33	Alkylative Amination of Biogenic Furans through Imine-to-Azaallyl Anion Umpolung. <i>Synthesis</i> , 2015, 47, 2093-2099.	1.2	11
34	Lipase-Induced Oxidative Furan Rearrangements. <i>Synlett</i> , 2018, 29, 1293-1296.	1.0	11
35	Cascade Catalysis Through Bifunctional Lipase Metal Biohybrids for the Synthesis of Enantioenriched Oâ€Heterocycles from Allenes. <i>ChemCatChem</i> , 2022, 14, .	1.8	11
36	On the lipase-catalyzed resolution of functionalized biaryls. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1052-1056.	1.8	9

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37	On a Chemoenzymatic Desymmetrization-Ring Expansion Strategy towards Functionalized N-Heterocycles. <i>Synlett</i> , 2013, 24, 1529-1532.	1.0	9
38	Kirmse's Doyle and Stevens Type Rearrangements of Glutarate-Derived Oxonium Ylides. <i>Chemistry - A European Journal</i> , 2018, 24, 3209-3217.	1.7	9
39	Fermentative production of extracellular amylase from novel amylase producer, <i>Tuber maculatum</i> mycelium, and its characterization. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 549-555.	1.0	9
40	In silico characterization of bacterial chitinase: illuminating its relationship with archaeal and eukaryotic cousins. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 19.	1.5	9
41	Investigation on mycelial growth requirements of <i>Cantharellus cibarius</i> under laboratory conditions. <i>Archives of Microbiology</i> , 2021, 203, 1539-1545.	1.0	8
42	Enantiokonvergente biokatalytische Redoxisomerisierung. <i>Angewandte Chemie</i> , 2018, 130, 12328-12333.	1.6	7
43	Chemoenzymatic Hydrogen Production from Methanol through the Interplay of Metal Complexes and Biocatalysts. <i>Chemistry - A European Journal</i> , 2019, 25, 6474-6481.	1.7	7
44	Anti-angiogenic and anti-inflammatory activity of the summer truffle (<i>Tuber aestivum</i> Vittad.) extracts and a correlation with the chemical constituents identified therein. <i>Food Research International</i> , 2020, 137, 109699.	2.9	7
45	Enzymatic Bromocyclization of β - and γ -Allenols by Chloroperoxidase from <i>Curvularia inaequalis</i> . <i>ChemistryOpen</i> , 2022, 11, e202100236.	0.9	5
46	Methanol-Driven Oxidative Rearrangement of Biogenic Furans – Enzyme Cascades vs. Photobiocatalysis. <i>Frontiers in Chemistry</i> , 2021, 9, 635883.	1.8	2
47	Anti-Angiogenic Effect of <i>Cantharellus cibarius</i> Extracts, its Correlation with Lipoyxygenase Inhibition, and Role of the Bioactives Therein. <i>Nutrition and Cancer</i> , 2022, 74, 724-734.	0.9	2
48	Abstract: Bioinduzierte Methanolreformierung (Angew. Chem. 35/2015). <i>Angewandte Chemie</i> , 2015, 127, 10518-10518.	1.6	0
49	Chemienotizen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 494-496.	0.0	0
50	Chemienotizen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 602-604.	0.0	0
51	Notizen aus der Chemie. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 1142-1144.	0.0	0
52	Notizen aus der Chemie. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 826-828.	0.0	0
53	Chemienotizen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 726-728.	0.0	0
54	Notizen aus der Chemie. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 942-944.	0.0	0

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55	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2016, 64, 1042-1044.	0.0	0
56	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 114-117.	0.0	0
57	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 222-224.	0.0	0
58	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 518-521.	0.0	0
59	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 626-628.	0.0	0
60	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 418-421.	0.0	0
61	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 6-8.	0.0	0
62	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 982-984.	0.0	0
63	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 866-869.	0.0	0
64	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 758-760.	0.0	0
65	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 1182-1184.	0.0	0
66	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2017, 65, 1082-1085.	0.0	0
67	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 206-208.	0.0	0
68	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 386-388.	0.0	0
69	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 106-108.	0.0	0
70	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 6-8.	0.0	0
71	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 486-488.	0.0	0
72	Notizen aus der Chemie. Nachrichten Aus Der Chemie, 2018, 66, 586-588.	0.0	0

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73	Frontispiece: Chemoenzymatic Hydrogen Production from Methanol through the Interplay of Metal Complexes and Biocatalysts. Chemistry - A European Journal, 2019, 25, .	1.7	0