Svilen P Simeonov

List of Publications by Year
in descending order

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32 papers	2,439 citations	471509 17 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	3389 citing authors

#	Article	IF	Citations
1	5-Hydroxymethylfurfural (HMF) as a building block platform: Biological properties, synthesis and synthetic applications. Green Chemistry, 2011, 13, 754.	9.0	1,391
2	Synthesis of Chiral Cyclopentenones. Chemical Reviews, 2016, 116, 5744-5893.	47.7	194
3	Direct transformation of 5-hydroxymethylfurfural to the building blocks 2,5-dihydroxymethylfurfural (DHMF) and 5-hydroxymethyl furanoic acid (HMFA) via Cannizzaro reaction. Green Chemistry, 2013, 15, 2849.	9.0	122
4	An Integrated Approach for the Production and Isolation of 5â€Hydroxymethylfurfural from Carbohydrates. ChemSusChem, 2012, 5, 1388-1391.	6.8	83
5	Exploiting Tautomerism for Switching and Signaling. Angewandte Chemie - International Edition, 2009, 48, 7875-7878.	13.8	62
6	Production and Synthetic Modifications of Shikimic Acid. Chemical Reviews, 2018, 118, 10458-10550.	47.7	53
7	Toxicological evaluation of magnetic ionic liquids in human cell lines. Chemosphere, 2013, 92, 100-105.	8.2	50
8	Going Beyond the Limits of the Biorenewable Platform: Sodium Dithionite-Promoted Stabilization of 5-Hydroxymethylfurfural. ChemSusChem, 2018, 11, 1612-1616.	6.8	48
9	Integrated Chemoâ€Enzymatic Production of 5â€Hydroxymethylfurfural from Glucose. ChemSusChem, 2013, 6, 997-1000.	6.8	46
10	Basicity and stability of urea deep eutectic mixtures. RSC Advances, 2016, 6, 5485-5490.	3.6	43
11	Batch and Flow Synthesis of 5-Hydroxymethylfurfural (HMF) from Fructose as a Bioplatform Intermediate: An Experiment for the Organic or Analytical Laboratory. Journal of Chemical Education, 2013, 90, 1373-1375.	2.3	39
12	Symmetrical Acyclic Aryl Aldazines with Antibacterial and Antifungal Activity. Pharmacology & Pharmacy, 2011, 02, 1-9.	0.7	35
13	Tautocrowns: a concept for a sensing molecule with an active side-arm. Tetrahedron, 2010, 66, 4292-4297.	1.9	32
14	Bifunctional Cr³⁺ modified ion exchange resins as efficient reusable catalysts for the production and isolation of 5-hydroxymethylfurfural from glucose. RSC Advances, 2017, 7, 7555-7559.	3.6	29
15	Magnetic ionic plastic crystal: choline[FeCl4]. Physical Chemistry Chemical Physics, 2013, 15, 12724.	2.8	23
16	Creating Diversity from Biomass: A Tandem Bio/Metalâ€Catalysis towards Chemoselective Synthesis of Densely Substituted Furans. ChemSusChem, 2019, 12, 4629-4635.	6.8	23
17	Solubility of carbon dioxide in ammonium based CO2-induced ionic liquids. Fluid Phase Equilibria, 2013, 354, 19-23.	2.5	18
18	Biorefinery via Achmatowicz Rearrangement: Synthesis of Pentaneâ€1,2,5â€triol from Furfuryl Alcohol. ChemSusChem, 2019, 12, 2748-2754.	6.8	16

#	Article	IF	Citations
19	Isolation, analytical quantification and seasonal variation of labdanolic acid from the Portuguese-grown Cistus ladaniferus. Industrial Crops and Products, 2014, 60, 226-232.	5.2	13
20	Controlled Tautomeric Switching in Azonaphthols Tuned by Substituents on the Phenyl Ring. ChemPhysChem, 2015, 16, 649-657.	2.1	13
21	An emerging platform from renewable resources: selection guidelines for human exposure of furfural-related compounds. Toxicology Research, 2014, 3, 311-314.	2.1	12
22	Efficient Continuous Production of the Biofuel Additive 5â€(tâ€•Butoxymethyl) Furfural from 5â€Hydroxymethylfurfural. Energy Technology, 2019, 7, 1900780.	3.8	11
23	C2â€Modified Sparteine Derivatives Are a New Class of Potentially Longâ€Acting Sodium Channel Blockers. ChemMedChem, 2017, 12, 1819-1822.	3.2	10
24	Synthesis of 5-(Hydroxymethyl)furfural (HMF). Organic Syntheses, 0, 93, 29-36.	1.0	10
25	CO2 Adsorption on Modified Mesoporous Silicas: The Role of the Adsorption Sites. Nanomaterials, 2021, 11, 2831.	4.1	10
26	Oxidation of 5-Chloromethylfurfural (CMF) to 2,5-Diformylfuran (DFF). Molecules, 2017, 22, 329.	3.8	9
27	Valorization of Oleuropein via Tunable Acidâ€Promoted Methanolysis. ChemSusChem, 2018, 11, 2300-2305.	6.8	9
28	Achmatowicz rearrangement enables hydrogenolysis-free gas-phase synthesis of pentane-1,2,5-triol from furfuryl alcohol. Green Chemistry, 2019, 21, 5657-5664.	9.0	8
29	Solventâ€Free Catalytic Selfâ€Etherification of 5â€Hydroxymethyl Furfural. ChemCatChem, 2018, 10, 5406-5409.	3.7	6
30	Tautomerism of4,4â€²-dihydroxy-1,1â€²-naphthaldazine studied byexperimental and theoretical methods. Chemistry Central Journal, 2013, 7, 29.	2.6	4
31	Enantioresolution of a Series of Chiral Benzyl Alcohols by HPLC on a Dinitrobenzoylphenylglycine Stationary Phase after Achiral Pre-Column Derivatization*. American Journal of Analytical Chemistry, 2010, 01, 1-13.	0.9	4
32	Base-promoted direct amidation of esters: beyond the current scope and practical applications. RSC Advances, 2022, 12, 20555-20562.	3.6	3