Da Silva, Mj

List of Publications by Year
in descending order

110	2,807	159585 30	254184 43
papers	citations	h-index	g-index

114	114	114	2166
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of Sn(II) doping on the Keggin heteropolyacid-catalyzed etherification of glycerol with tert-butyl alcohol. Chemical Engineering Science, 2022, 247, 116913.	3.8	20
2	Influence of Nb2O5 grown on SrTiO3 nanoseeds in the catalytic oxidation of thioanisole. Materials Chemistry and Physics, 2022, 278, 125591.	4.0	6
3	How the Cobalt Position in the Keggin Anion Impacts the Activity of Tungstate Catalysts in the Furfural Acetalization with Alkyl Alcohols. ChemistrySelect, 2022, 7, .	1.5	3
4	Leaf surface traits related to differential particle adsorption â€“ A case study of two tropical legumes. Science of the Total Environment, 2022, 823, 153681.	8.0	7
5	Sulfated-Alumina-Catalyzed Triacetin Synthesis: An Optimization Study of Glycerol Esterification. Industrial & Engineering Chemistry Research, 2022, 61, 4235-4243.	3.7	5
6	Vanadium-doped phosphomolybdic acids as catalysts for geraniol oxidation with hydrogen peroxide. RSC Advances, 2022, 12, 11796-11806.	3.6	10
7	Copper phosphotungstate-catalyzed microwave-assisted synthesis of 5-hydroxymethylfurfural in a biphasic system. Cellulose, 2022, 29, 5529-5545.	4.9	8
8	Monoterpenes etherification reactions with alkyl alcohols over cesium partially exchanged Keggin heteropoly salts: effects of catalyst composition. Chemical Papers, 2021, 75, 153-168.	2.2	25
9	Transition Metal-Substituted Potassium Silicotungstate Salts as Catalysts for Oxidation of Terpene Alcohols with Hydrogen Peroxide. Catalysis Letters, 2021, 151, 2094-2106.	2.6	18
10	One-pot synthesis of benzaldehyde derivatives in PdCl2-catalyzed reactions with H2O2 in alcoholic solutions. Chemical Papers, 2021, 75, 1545-1554.	2.2	3
11	Metal nitrate-catalyzed one-pot oxidative esterification of benzaldehyde with hydrogen peroxide in alcoholic solutions at room temperature. New Journal of Chemistry, 2021, 45, 3683-3691.	2.8	4
12	Vanadium-doped sodium phosphomolybdate salts as catalysts in the terpene alcohols oxidation with hydrogen peroxide. RSC Advances, 2021, 11, 24072-24085.	3.6	26
13	Esterification of levulinic acid over Sn(II) exchanged Keggin heteropolyacid salts: An efficient route to obtain bioaditives. Molecular Catalysis, 2021, 504, 111495.	2.0	12
14	Furfural acetalization over Keggin heteropolyacid salts at room temperature: effect of cesium doping. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 913-931.	1.7	10
15	Can BrÃ¸nsted acids catalyze the epoxidation of allylic alcohols with H2O2? With a little help from the proton, the H3PMo12O40 acid did it and well. Molecular Catalysis, 2021, 512, 111780.	2.0	12
16	Biodiesel Production over Niobium-Containing Catalysts: A Review. Energies, 2021, 14, 5506.	3.1	4
17	Dysprosium-doped zinc tungstate nanospheres as highly efficient heterogeneous catalysts in green oxidation of terpenic alcohols with hydrogen peroxide. New Journal of Chemistry, 2021, 45, 6661-6670.	2.8	6
18	Na₄PMo₁₁VO₄₀-catalyzed one-pot oxidative esterification of benzaldehyde with hydrogen peroxide. RSC Advances, 2021, 11, 34979-34987.	3.6	12

#	Article	IF	Citations
19	H4SiW12O40-Catalyzed Levulinic Acid Esterification at Room Temperature for Production of Fuel Bioadditives. Waste and Biomass Valorization, 2020, 11, 1895-1904.	3.4	29
20	A kinetic study of heteropolyacid-catalyzed furfural acetalization with methanol at room temperature via ultraviolet spectroscopy. Catalysis Today, 2020, 344, 143-149.	4.4	23
21	Solid acid catalysts based on sulfonated carbon nanostructures embedded in an amorphous matrix produced from bio-oil: esterification of oleic acid with methanol. Journal of Environmental Chemical Engineering, 2020, 8, 103674.	6.7	39
22	Lewis acid metal cations exchanged heteropoly salts as catalysts in Î²-pinene etherification. Reaction Kinetics, Mechanisms and Catalysis, 2020, 131, 875-887.	1.7	14
23	Metal silicotungstate salts as catalysts in furfural oxidation reactions with hydrogen peroxide. Molecular Catalysis, 2020, 493, 111104.	2.0	22
24	An efficient process to synthesize solketal from glycerol over tin (II) silicotungstate catalyst. Fuel, 2020, 281, 118724.	6.4	34
25	Iron (III) Silicotungstate: An Efficient and Recyclable Catalyst for Converting Glycerol to Solketal. Energy & Fuels, 2020, 34, 9664-9673.	5.1	16
26	Sn(II)-Exchanged Keggin Silicotungstic Acid-Catalyzed Etherification of Glycerol and Ethylene Glycol with Alkyl Alcohols. Industrial & Engineering Chemistry Research, 2020, 59, 9858-9868.	3.7	25
27	Solketal synthesis from glycerol and acetone in the presence of metal salts: A Lewis or BrÃ¸nsted acid catalyzed reaction?. Fuel, 2020, 276, 118164.	6.4	38
28	Enhancement of levoglucosan production via fast pyrolysis of sugarcane bagasse by pretreatment with Keggin heteropolyacids. Industrial Crops and Products, 2020, 154, 112680.	5.2	11
29	Amphiphilic acid carbon catalysts produced by bio-oil sulfonation for solvent-free glycerol ketalization. Fuel, 2020, 274, 117799.	6.4	23
30	One-pot synthesis at room temperature of epoxides and linalool derivative pyrans in monolacunary Na₇PW₁₁O₃₉-catalyzed oxidation reactions by hydrogen peroxide. RSC Advances, 2020, 10, 7691-7697.	3.6	21
31	Cesiumâ€Exchanged Lacunar Keggin Heteropolyacid Salts: Efficient Solid Catalysts for the Green Oxidation of Terpenic Alcohols with Hydrogen Peroxide. ChemistrySelect, 2020, 5, 1976-1986.	1.5	20
32	Unraveling the role of the lacunar Na₇PW₁₁O₃₉ catalyst in the oxidation of terpene alcohols with hydrogen peroxide at room temperature. New Journal of Chemistry, 2020, 44, 2813-2820.	2.8	25
33	Oxidation of terpenic alcohols with hydrogen peroxide promoted by Nb2O5 obtained by microwave-assisted hydrothermal method. Molecular Catalysis, 2020, 489, 110941.	2.0	13
34	SnBr2-catalyzed highly selective synthesis of alkyl ethers from monoterpenes. Comptes Rendus Chimie, 2020, 23, 93-103.	0.5	0
35	One-pot synthesis of alkyl levulinates from biomass derivative carbohydrates in tin(II) exchanged silicotungstates-catalyzed reactions. Cellulose, 2019, 26, 7953-7969.	4.9	34
36	Glycerol Esterification over Sn(II)-Exchanged Keggin Heteropoly Salt Catalysts: Effect of Thermal Treatment Temperature. Energy & Fuels, 2019, 33, 7705-7716.	5.1	36

#	Article	IF	Citations
37	A Rare Carbon Skeletal Oxidative Rearrangement of Camphene Catalyzed by Alâ€Exchanged Keggin Heteropolyacid Salts. ChemistrySelect, 2019, 4, 7665-7672.	1.5	10
38	A rare oxidation of camphene to acid and aldehyde in the presence of Lacunar Keggin heteropoly salts. Molecular Catalysis, 2019, 478, 110589.	2.0	14
39	Bio-oil: a versatile precursor to produce carbon nanostructures in liquid phase under mild conditions. New Journal of Chemistry, 2019, 43, 2430-2433.	2.8	11
40	A selective synthesis of glycerol carbonate from glycerol and urea over Sn(OH)₂: a solid and recyclable in situ generated catalyst. New Journal of Chemistry, 2019, 43, 3698-3706.	2.8	27
41	K5PW11NiO39â€catalyzed oxidation of benzyl alcohol with hydrogen peroxide. ChemistrySelect, 2019, 4, 302-310.	1.5	21
42	Tin(II) phosphotungstate heteropoly salt: An efficient solid catalyst to synthesize bioadditives ethers from glycerol. Fuel, 2019, 254, 115607.	6.4	34
43	Microwave-assisted multicomponent synthesis of julolidines using silica-supported calix[4]arene as heterogeneous catalyst. Tetrahedron, 2019, 75, 3740-3750.	1.9	19
44	Exploring the Keggin-Type Heteropolyacid-Catalyzed Reaction Pathways of the Î²-Pinene with Alkyl Alcohols. Catalysis Letters, 2019, 149, 2844-2853.	2.6	6
45	Analysis of processing methods for combustion pressure measurement in a diesel engine. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	6
46	Highly selective synthesis under benign reaction conditions of furfural dialkyl acetal using SnCl₂ as a recyclable catalyst. New Journal of Chemistry, 2019, 43, 8606-8612.	2.8	23
47	An Efficient Benzaldehyde Oxidation by Hydrogen Peroxide over Metal Substituted Lacunary Potassium Heteropolyacid Salts. Catalysis Letters, 2018, 148, 1202-1214.	2.6	28
48	Lacunar Keggin Heteropolyacid Salts: Soluble, Solid and Solid-Supported Catalysts. Journal of Cluster Science, 2018, 29, 195-205.	3.3	79
49	A Highly Selective Na2WO4-Catalyzed Oxidation of Terpenic Alcohols by Hydrogen Peroxide. Catalysis Letters, 2018, 148, 374-382.	2.6	17
50	H3PMo12O40/Agroindustry Waste Activated Carbon-Catalyzed Esterification of Lauric Acid with Methanol: A Renewable Catalytic Support. Waste and Biomass Valorization, 2018, 9, 669-679.	3.4	22
51	Fe2(SO4)3-Catalyzed Levulinic Acid Esterification: Production of Fuel Bioadditives. Energies, 2018, 11, 1263.	3.1	20
52	Assessment on the double role of the transition metal salts on the acetalization of furfural: Lewis and BrÃ¸nsted acid catalysts. Molecular Catalysis, 2018, 461, 40-47.	2.0	21
53	Fe(SO₄)₃â€Catalyzed Synthesis of Terpenic Alcohols Esters: A Simple and Bifunctional Reusable Solid Catalyst. ChemistrySelect, 2018, 3, 5742-5748.	1.5	5
54	A Kinetic Investigation of Triacetin Methanolysis and Assessment of the Stability of a Sulfated Zirconium Oxide Catalyst. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 865-874.	1.9	8

#	Article	IF	Citations
55	Catalysis by Keggin Heteropolyacid Salts. Current Catalysis, 2018, 7, 26-34.	0.5	56
56	Monolacunary K8SiW11O39-Catalyzed Terpenic Alcohols Oxidation with Hydrogen Peroxide. Catalysis Letters, 2018, 148, 2516-2527.	2.6	30
57	Experimental design and economic analysis of 5-hydroxymethylfurfural synthesis from fructose in acetone-water system using niobium phosphate as catalyst. Biomass Conversion and Biorefinery, 2018, 8, 635-646.	4.6	22
58	SnCl2-catalyzed synthesis of carbamates from renewable origin alcohols. Chemical Papers, 2018, 72, 1169-1180.	2.2	4
59	An unexpected behavior of H₃PMo₁₂O₄₀ heteropolyacid catalyst on the biphasic hydrolysis of vegetable oils. RSC Advances, 2017, 7, 8192-8199.	3.6	23
60	Novel Palladium-Catalyzed Oxidative Intramolecular Cyclization of Î²-Citronellol with H2O2: A Green and Selective Process to Synthesize Oxocine. Catalysis Letters, 2017, 147, 1646-1653.	2.6	9
61	SnF2-catalyzed glycerol ketalization: A friendly environmentally process to synthesize solketal at room temperature over on solid and reusable Lewis acid. Chemical Engineering Journal, 2017, 307, 828-835.	12.7	43
62	Catalysis of vegetable oil transesterification by Sn(II)-exchanged Keggin heteropolyacids: bifunctional solid acid catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2017, 122, 1011-1030.	1.7	34
63	Assessing the Activity of Solid-Suported SnCl2 Catalysts on the Oleic Acid Esterification for Biodiesel Production. Journal of Thermodynamics & Catalysis, 2016, 7, .	0.2	1
64	Exploring the reaction pathways of Pd(<scp>ii</scp>)-catalyzed cyclohexene oxidation with molecular oxygen: vinylic and allylic oxidation, disproportionation and oxidative dehydrogenation. New Journal of Chemistry, 2016, 40, 7996-8005.	2.8	8
65	Tin-Catalyzed Urea Alcoholysis With Î²-Citronellol: A Simple and Selective Synthesis of Carbamates. Catalysis Letters, 2016, 146, 1517-1528.	2.6	9
66	Unravelling transition metal-catalyzed terpenic alcohol esterification: a straightforward process for the synthesis of fragrances. Catalysis Science and Technology, 2016, 6, 3197-3207.	4.1	20
67	Fe4(SiW12O40)3-catalyzed glycerol acetylation: Synthesis of bioadditives by using highly active Lewis acid catalyst. Journal of Molecular Catalysis A, 2016, 422, 69-83.	4.8	46
68	Synthesis of methanol from methane: Challenges and advances on the multi-step (syngas) and one-step routes (DMTM). Fuel Processing Technology, 2016, 145, 42-61.	7.2	114
69	Soluble and Solid Supported Keggin Heteropolyacids as Catalysts in Reactions for Biodiesel Production: Challenges and Recent Advances. Current Organic Chemistry, 2016, 20, 1263-1283.	1.6	53
70	Fe(<scp>iii</scp>)-catalyzed Î±-terpinyl derivatives synthesis from Î²-pinene via reactions with hydrogen peroxide in alcoholic solutions. RSC Advances, 2015, 5, 10529-10536.	3.6	13
71	A Highly Regioselective and Solvent-Free Sn(II)-Catalyzed Glycerol Ketals Synthesis at Room Temperature. Catalysis Letters, 2015, 145, 769-776.	2.6	30
72	Solvent-free heteropolyacid-catalyzed glycerol ketalization at room temperature. RSC Advances, 2015, 5, 44499-44506.	3.6	51

#	Article	IF	Citations
73	p-Sulfonic acid calix[n]arenes as organocatalysts for the transesterification reaction of Passiflora seed oil. Monatshefte FÃ¼r Chemie, 2015, 146, 1927-1934.	1.8	9
74	Sn(<scp>ii</scp>)-catalyzed Î²-citronellol esterification: a BrÃ¸nsted acid-free process for synthesis of fragrances at room temperature. Catalysis Science and Technology, 2015, 5, 1261-1266.	4.1	15
75	Fe(NO3)3-Catalyzed Monoterpene Oxidation by Hydrogen Peroxide: An Inexpensive and Environmentally Benign Oxidative Process. Catalysis Letters, 2014, 144, 615-622.	2.6	20
76	p-Sulfonic acid calix[n]arenes: the most active and water tolerant organocatalysts in esterification reactions. Catalysis Science and Technology, 2014, 4, 1369-1375.	4.1	34
77	A novel Fe(III) salt-catalyzed monoterpene aerobic oxidation in methyl alcohol. Catalysis Communications, 2013, 42, 129-133.	3.3	8
78	Novel and Highly Efficient SnBr2-Catalyzed Esterification Reactions of Fatty Acids: The Notable Anion Ligand Effect. Catalysis Letters, 2013, 143, 1240-1246.	2.6	13
79	Novel effect of palladium catalysts on chemoselective oxidation of Î²-pinene by hydrogen peroxide. Monatshefte FÃ¼r Chemie, 2013, 144, 321-326.	1.8	14
80	Highly Selective SnCl2-Catalyzed Solketal Synthesis at Room Temperature. Industrial & Engineering Chemistry Research, 2013, 52, 16709-16713.	3.7	55
81	Heterogeneous Tin Catalysts Applied to the Esterification and Transesterification Reactions. Journal of Catalysts, 2013, 2013, 1-11.	0.5	24
82	Novel Oxidative Desulfurization of a Model Fuel with H₂O₂ Catalyzed by AlPMo₁₂O₄₀ under Phase Transfer Catalyst-Free Conditions. Hindawi Journal of Chemistry, 2013, 2013, 1-7.	1.6	12
83	H3PMo12O40 Heteropolyacid: A Versatile and Efficient Bifunctional Catalyst for the Oxidation and Esterification Reactions. , 2013, , 225-244.		1
84	A comparative investigation of palmitic acid esterification over p-sulfonic acid calix[4]arene and sulfuric acid catalysts via 1H NMR spectroscopy. Catalysis Communications, 2012, 26, 127-131.	3.3	22
85	Tin-Catalyzed Esterification and Transesterification Reactions: A Review. , 2012, 2012, 1-13.		37
86	A novel kinetic study of H3PW12O40 - catalyzed oleic acid esterification with methanol via 1H NMR spectroscopy. Fuel Processing Technology, 2012, 96, 98-103.	7.2	50
87	Bioadditive synthesis from H3PW12O40-catalyzed glycerol esterification with HOAc under mild reaction conditions. Fuel Processing Technology, 2012, 102, 46-52.	7.2	58
88	Î²-pinene oxidation by hydrogen peroxide catalyzed by modified niobium-MCM. Applied Catalysis A: General, 2012, 419-420, 215-220.	4.3	22
89	p-Sulfonic acid calix[n]arenes as homogeneous and recyclable organocatalysts for esterification reactions. Tetrahedron Letters, 2012, 53, 1630-1633.	1.4	49
90	A Highly Selective Pd(OAc)2/Pyridine/K2CO3 System for Oxidation of Terpenic Alcohols by Dioxygen. Catalysis Letters, 2012, 142, 251-258.	2.6	10

#	Article	IF	Citations
91	Novel Esterification of Glycerol Catalysed by Tin Chloride (II): A Recyclable and Less Corrosive Process for Production of Bio-Additives. Catalysis Letters, 2011, 141, 1111-1117.	2.6	41
92	Effect of Water on the Ethanolysis of Waste Cooking Soybean Oil Using a Tin(II) Chloride Catalyst. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 1431-1437.	1.9	19
93	Novel H3PW12O40: Catalysed Esterification Reactions of Fatty Acids at Room Temperature for Biodiesel Production. Catalysis Letters, 2010, 135, 207-211.	2.6	35
94	Sulfonated polystyrene: A catalyst with acid and superabsorbent properties for the esterification of fatty acids. Fuel, 2010, 89, 257-259.	6.4	28
95	Fuel consumption and emissions from a diesel power generator fuelled with castor oil and soybean biodiesel. Fuel, 2010, 89, 3637-3642.	6.4	115
96	Bioenergy II: Tin Catalysed Esterification of Free Fatty Acids. International Journal of Chemical Reactor Engineering, 2010, 8, .	1.1	3
97	Palladium-Catalysed Oxidation of Bicycle Monoterpenes by Hydrogen Peroxide in Acetonitrile Solutions: A Metal Reoxidant-Free and Environmentally Benign Oxidative Process. Catalysis Letters, 2009, 130, 424-431.	2.6	24
98	Pd(OAc)2/M(NO3)n (M=Cu(II), Fe(III); n=2, 3): Kinetic investigations of an alternative Wacker system for the oxidation of natural olefins. Journal of Organometallic Chemistry, 2009, 694, 3254-3261.	1.8	17
99	Kinetic Study of Alcoholysis of the Fatty Acids Catalyzed by Tin Chloride(II): An Alternative Catalyst for Biodiesel Production. Energy & Fuels, 2009, 23, 1718-1722.	5.1	61
100	Investigation on the Esterification of Fatty Acids Catalyzed by the H₃PW₁₂O₄₀ heteropolyacid. JAOCS, Journal of the American Oil Chemists' Society, 2008, 85, 555-560.	1.9	70
101	Esterification of Oleic Acid for Biodiesel Production Catalyzed by SnCl2: A Kinetic Investigation. Energies, 2008, 1, 79-92.	3.1	104
102	Palladium catalyzed oxidation of monoterpenes: NMR study of palladium(II)â€“monoterpene interactions. Journal of Organometallic Chemistry, 2005, 690, 2996-3003.	1.8	32
103	Novel solvent free liquid-phase oxidation of Î²-pinene over heterogeneous catalysts based on Fe3â¯xMxO4 (M=Co and Mn). Applied Catalysis A: General, 2004, 269, 117-121.	4.3	36
104	Solvent-free liquid-phase autoxidation of monoterpenes catalyzed by solâ€“gel Co/SiO2. Journal of Molecular Catalysis A, 2004, 217, 139-144.	4.8	50
105	Palladium catalyzed transformations of monoterpenes: stereoselective deuteriation and oxidative dimerization of camphene. Journal of Organometallic Chemistry, 2004, 689, 302-308.	1.8	46
106	Cobalt catalyzed autoxidation of monoterpenes in acetic acid and acetonitrile solutions. Journal of Molecular Catalysis A, 2003, 201, 71-77.	4.8	66
107	Elucidation of the stereochemistry of diterpene derivatives obtained by palladium catalyzed oxidative coupling-oxidation of camphene. Journal of the Brazilian Chemical Society, 2003, 14, 83-89.	0.6	9
108	Palladium-catalyzed oxidation of monoterpenes: novel tandem oxidative couplingâ€“oxidation of camphene by dioxygen. Journal of Molecular Catalysis A, 2001, 176, 23-27.	4.8	39

#	Article	IF	Citations
109	Heterogeneous Catalysts Based on H3PW12O40 Heteropolyacid for Free Fatty Acids Esterification. , 0, , .		1
110	New Magnetic Fe Oxide-Carbon Based Acid Catalyst Prepared from Bio-Oil for Esterification Reactions. Journal of the Brazilian Chemical Society, 0, , .	0.6	3