

Satu Ojala

List of Publications by Year in descending order

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40
papers

1,053
citations

430754

18
h-index

414303

32
g-index

41
all docs

41
docs citations

41
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysis in VOC Abatement. Topics in Catalysis, 2011, 54, 1224-1256.	1.3	169
2	Photocatalytic Degradation of Organic Pollutants in Wastewater. Topics in Catalysis, 2015, 58, 1085-1099.	1.3	83
3	Toward new benchmark adsorbents: preparation and characterization of activated carbon from argan nut shell for bisphenol A removal. Environmental Science and Pollution Research, 2018, 25, 1869-1882.	2.7	81
4	Hydrothermal Carbonization of Argan Nut Shell: Functional Mesoporous Carbon with Excellent Performance in the Adsorption of Bisphenol A and Diuron. Waste and Biomass Valorization, 2020, 11, 1565-1584.	1.8	77
5	Steam activation of waste biomass: highly microporous carbon, optimization of bisphenol A, and diuron adsorption by response surface methodology. Environmental Science and Pollution Research, 2018, 25, 35657-35671.	2.7	55
6	Oxidation of dichloromethane and perchloroethylene as single compounds and in mixtures. Applied Catalysis B: Environmental, 2011, 102, 395-403.	10.8	44
7	Total oxidation of dichloromethane and ethanol over ceria/zirconia mixed oxide supported platinum and gold catalysts. Applied Catalysis B: Environmental, 2013, 142-143, 54-64.	10.8	41
8	Comparative study on the support properties in the total oxidation of dichloromethane over Pt catalysts. Chemical Engineering Journal, 2017, 313, 1010-1022.	6.6	37
9	Utilization of Volatile Organic Compounds as an Alternative for Destructive Abatement. Catalysts, 2015, 5, 1092-1151.	1.6	35
10	Photocatalytic Degradation of Perfluorooctanoic Acid (PFOA) From Wastewaters by TiO ₂ , In ₂ O ₃ and Ga ₂ O ₃ Catalysts. Topics in Catalysis, 2017, 60, 1345-1358.	1.3	35
11	Dimethylammonium iodide stabilized bismuth halide perovskite photocatalyst for hydrogen evolution. Nano Research, 2021, 14, 1116-1125.	5.8	34
12	Hydrochar-derived adsorbent for the removal of diclofenac from aqueous solution. Nanotechnology for Environmental Engineering, 2021, 6, 1.	2.0	31
13	Ethylene Oxide Formation in a Microreactor: From Qualitative Kinetics to Detailed Modeling. Industrial & Engineering Chemistry Research, 2010, 49, 10897-10907.	1.8	30
14	Formaldehyde production from methanol and methyl mercaptan over titania and vanadia based catalysts. Applied Catalysis B: Environmental, 2011, 103, 72-78.	10.8	28
15	Catalytic oxidation of dimethyl disulfide (CH ₃ SSCH ₃) over monometallic Au, Pt and Cu catalysts supported on γ-Al ₂ O ₃ , CeO ₂ and CeO ₂ -Al ₂ O ₃ . Applied Catalysis B: Environmental, 2016, 182, 611-625.	10.8	26
16	Isotopic Oxygen Exchange over Pd/Al ₂ O ₃ Catalyst: Study on C ¹⁸ O ₂ and C ¹⁸ O Exchange. ChemCatChem, 2010, 2, 527-533.	1.8	20
17	Porous foams based hydroxyapatite prepared by direct foaming method using egg white as a pore promoter. Journal of the Australian Ceramic Society, 2019, 55, 611-619.	1.1	20
18	Nanogold-Containing Catalysts for Low-Temperature Removal of S-VOC from Air. Topics in Catalysis, 2009, 52, 351-358.	1.3	19

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19	Catalytic abatement of dichloromethane over transition metal oxide catalysts: Thermodynamic modelling and experimental studies. <i>Journal of Cleaner Production</i> , 2019, 228, 814-823.	4.6	19
20	Structured carbon foam derived from waste biomass: application to endocrine disruptor adsorption. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32589-32599.	2.7	17
21	Catalytic Oxidation of Dichloromethane and Perchloroethylene: Laboratory and Industrial Scale Studies. <i>Topics in Catalysis</i> , 2011, 54, 1257-1265.	1.3	16
22	Total Oxidation of Dichloromethane Over Metal Oxide Catalysts. <i>Topics in Catalysis</i> , 2013, 56, 679-687.	1.3	16
23	Catalytic Activity Studies of Vanadia/Silica-Titania Catalysts in SVOC Partial Oxidation to Formaldehyde: Focus on the Catalyst Composition. <i>Catalysts</i> , 2018, 8, 56.	1.6	16
24	Adsorption of Estradiol from aqueous solution by hydrothermally carbonized and steam activated palm kernel shells. <i>Energy Nexus</i> , 2021, 1, 100009.	3.3	12
25	Activity, selectivity, and stability of vanadium catalysts in formaldehyde production from emission of volatile organic compounds. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 375-386.	2.9	10
26	Ceramic hydroxyapatite foam as a new material for Bisphenol A removal from contaminated water. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17739-17751.	2.7	10
27	Development and Characterization of Composite Carbon Adsorbents with Photocatalytic Regeneration Ability: Application to Diclofenac Removal from Water. <i>Catalysts</i> , 2021, 11, 173.	1.6	9
28	Porous carbon materials derived from olive kernels: application in adsorption of organic pollutants. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29967-29982.	2.7	9
29	Catalytic Oxidation of Dimethyl Disulfide over Bimetallic Cu-Au and Pt-Au Catalysts Supported on γ -Al ₂ O ₃ , CeO ₂ , and CeO ₂ -Al ₂ O ₃ . <i>Catalysts</i> , 2019, 9, 603.	1.6	8
30	Photocatalysis and catalytic wet air oxidation: Degradation and toxicity of bisphenol A containing wastewaters. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3272-3283.	1.2	8
31	Effect of Process Parameters on Catalytic Incineration of Solvent Emissions. <i>Journal of Automated Methods and Management in Chemistry</i> , 2008, 2008, 1-7.	0.5	7
32	Catalytic Partial Oxidation of Methanol and Methyl Mercaptan: Studies on the Selectivity of TiO ₂ and CeO ₂ Supported V ₂ O ₅ Catalysts. <i>Topics in Catalysis</i> , 2013, 56, 650-657.	1.3	7
33	Total Oxidation of Dichloromethane over Silica Modified Alumina Catalysts Washcoated on Ceramic Monoliths. <i>Catalysts</i> , 2018, 8, 339.	1.6	7
34	Oxidation of Dichloromethane over Au, Pt, and Pt-Au Containing Catalysts Supported on γ -Al ₂ O ₃ and CeO ₂ -Al ₂ O ₃ . <i>Molecules</i> , 2020, 25, 4644.	1.7	7
35	On the Activity and Selectivity of CoAl and CoAlCe Mixed Oxides in Formaldehyde Production from Pulp Mill Emissions. <i>Catalysts</i> , 2020, 10, 424.	1.6	4
36	Hybrid carbon materials: Synthesis, characterization, and application in the removal of pharmaceuticals from water. <i>Journal of Water Process Engineering</i> , 2021, 43, 102279.	2.6	3

#	ARTICLE	IF	CITATIONS
37	CÃ¡culos quÃ¢micos quÃ¢nticos e seus usos. Research, Society and Development, 2021, 10, e45910817567.	0.0	1
38	Vanadiaâ€Zirconia and Vanadiaâ€Hafnia Catalysts for Utilization of Volatile Organic Compound Emissions. Materials, 2021, 14, 5265.	1.3	1
39	How Sodiation Influences the Sucralose Behavior under Electrospray Ionization Mass Spectrometry. Brazilian Journal of Analytical Chemistry, 2022, 9, .	0.3	1
40	ObtenÃ§Ã£o de hydrochar a partir de carbonizaÃ§Ã£o hidrotÃ©rmica de cascas do fruto de Magonia pubescens A. St. Hil. Sapindaceae: CaracterizaÃ§Ã£o e avaliaÃ§Ã£o em processo de adsorÃ§Ã£o. Revista Materia, 2019, 24, .	0.1	0