

# Halil Durak

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

984  
citations

361413

20  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

845  
citing authors

#	ARTICLE	IF	CITATIONS
1	<b>Hydrothermal liquefaction of Glycyrrhiza glabra L. (Licorice): Effects of catalyst on variety compounds and chromatographic characterization</b>. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2024, 42, 2471-2484.	2.3	26
2	Characterization of bio-oil and bio-char obtained from black cumin seed by hydrothermal liquefaction: investigation of potential as an energy source. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 3205-3215.	2.3	15
3	Bio-oil and bio-char from lactuca scariola: significance of catalyst and temperature for assessing yield and quality of pyrolysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 1774-1787.	2.3	38
4	The impact of Co addition on neutron-photon protection characteristics of red and yellow clays-based bricks: An experimental study. Progress in Nuclear Energy, 2022, 143, 104047.	2.9	11
5	The role of acidic, alkaline and hydrothermal pretreatment on pyrolysis of wild mustard (Sinapis Tj ETQq1 1 0.784314 rgBT /Overlock 22	2.7	22
6	Improving the performance of nuclear protection of Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> â€“KAlSi <sub>3</sub> O <sub>8</sub> â€“SiO <sub>2</sub> ceramics with cobalt insertion: an experimental study. Journal of the Australian Ceramic Society, 2020, 56, 1595-1607.	1.9	7
7	Catalytic hydrothermal liquefaction of lactuca scariola with a heterogeneous catalyst: The investigation of temperature, reaction time and synergistic effect of catalysts. Bioresource Technology, 2020, 309, 123375.	9.6	84
8	Effect of addition of molybdenum on photon and fast neutron radiation shielding properties in ceramics. Ceramics International, 2019, 45, 23681-23689.	4.8	67
9	Characterization of products obtained from hydrothermal liquefaction of biomass (Anchusa azurea) compared to other thermochemical conversion methods. Biomass Conversion and Biorefinery, 2019, 9, 459-470.	4.6	38
10	Pyrolysis of black cumin seed: Significance of catalyst and temperature product yields and chromatographic characterization. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 331-350.	1.0	56
11	Trametes versicolor (L.) mushrooms liquefaction in supercritical solvents: Effects of operating conditions on product yields and chromatographic characterization. Journal of Supercritical Fluids, 2018, 131, 140-149.	3.2	17
12	Hydrothermal conversion of biomass (Xanthium strumarium) to energetic materials and comparison with other thermochemical methods. Journal of Supercritical Fluids, 2018, 140, 290-301.	3.2	34
13	Hydrothermal liquefaction of Syrian mesquite (Prosopis farcta): Effects of operating parameters on product yields and characterization by different analysis methods. Journal of Supercritical Fluids, 2018, 140, 53-61.	3.2	35
14	Bio-oil production via subcritical hydrothermal liquefaction of biomass. AIP Conference Proceedings, 2017, , .	0.4	0
15	Catalytic effects of borax and iron(III) chloride on supercritical liquefaction of Anchusa azurea with methanol and isopropanol. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1739-1749.	2.3	3
16	Bio-oil production from biomass via supercritical fluid extraction. AIP Conference Proceedings, 2016, , .	0.4	3
17	Effect of process parameters on supercritical liquefaction of Xanthium strumarium for bio-oil production. Journal of Supercritical Fluids, 2016, 115, 42-53.	3.2	13
18	Effects of catalysts on liquefaction of Agaricus versicolor (L.). AIP Conference Proceedings, 2016, , .	0.4	0

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19	Pyrolysis of <i>Xanthium strumarium</i> in a fixed bed reactor: Effects of boron catalysts and pyrolysis parameters on product yields and character. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1400-1409.	2.3	43
20	Bio-oil production via catalytic pyrolysis of <i>Anchusa azurea</i> : Effects of operating conditions on product yields and chromatographic characterization. <i>Bioresource Technology</i> , 2016, 205, 7-14.	9.6	59
21	Structural analysis of bio-oils from subcritical and supercritical hydrothermal liquefaction of <i>Datura stramonium</i> L.. <i>Journal of Supercritical Fluids</i> , 2016, 108, 123-135.	3.2	38
22	Bio-oil production via catalytic supercritical liquefaction of Syrian mesquite ( <i>Prosopis farcta</i> ). <i>Journal of Supercritical Fluids</i> , 2016, 109, 26-34.	3.2	32
23	Thermochemical liquefaction of algae for bio-oil production in supercritical acetone/ethanol/isopropanol. <i>Journal of Supercritical Fluids</i> , 2016, 111, 179-198.	3.2	36
24	Effect of pyrolysis temperature and catalyst on production of bio-oil and bio-char from avocado seeds. <i>Research on Chemical Intermediates</i> , 2015, 41, 8067-8097.	2.7	44
25	Assessment of avocado seeds ( <i>Persea americana</i> ) to produce bio-oil through supercritical liquefaction. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 231-257.	3.7	23
26	Thermochemical conversion of <i>Phellinus pomaceus</i> via supercritical fluid extraction and pyrolysis processes. <i>Energy Conversion and Management</i> , 2015, 99, 282-298.	9.2	41
27	Thermochemical conversion of <i>Datura stramonium</i> L. by supercritical liquefaction and pyrolysis processes. <i>Journal of Supercritical Fluids</i> , 2015, 102, 98-114.	3.2	42
28	Optimization of the Dissolution of Tincal Ore in Phosphoric Acid Solutions at High Temperatures. <i>Chemical Engineering Communications</i> , 2015, 202, 245-251.	2.6	5
29	Catalytic pyrolysis of liquorice ( <i>Glycyrrhiza glabra</i> L.) in a fixed-bed reactor: Effects of pyrolysis parameters on product yields and character. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 111, 156-172.	5.5	44
30	Bio-oil production from <i>Glycyrrhiza glabra</i> through supercritical fluid extraction. <i>Journal of Supercritical Fluids</i> , 2014, 95, 373-386.	3.2	26
31	Hydroxyapatite-nanosphere supported ruthenium(0) nanoparticle catalyst for hydrogen generation from ammonia-borane solution: kinetic studies for nanoparticle formation and hydrogen evolution. <i>RSC Advances</i> , 2014, 4, 28947-28955.	3.6	35
32	Effects of catalysts and solvents on liquefaction of <i>Onopordum heteracanthum</i> for production of bio-oils. <i>Bioresource Technology</i> , 2014, 166, 309-317.	9.6	47