

# Zaitan Hicham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3612974/publications.pdf>

Version: 2024-02-01

29  
papers

590  
citations

759233

12  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of the adsorption and desorption of o-xylene onto bentonite clay and alumina. <i>Journal of Hazardous Materials</i> , 2008, 153, 852-859.	12.4	166
2	Application of high silica zeolite ZSM-5 in a hybrid treatment process based on sequential adsorption and ozonation for VOCs elimination. <i>Journal of Environmental Sciences</i> , 2016, 41, 59-68.	6.1	82
3	Evaluation of the potential of volatile organic compound (di-methyl benzene) removal using adsorption on natural minerals compared to commercial oxides. <i>Journal of Hazardous Materials</i> , 2013, 262, 365-376.	12.4	38
4	Originally prepared carbon-based honeycomb monoliths with potential application as VOCs adsorbents. <i>Comptes Rendus Chimie</i> , 2006, 9, 1215-1220.	0.5	27
5	FTIR determination of adsorption characteristics for volatile organic compounds removal on diatomite mineral compared to commercial silica. <i>Comptes Rendus Chimie</i> , 2005, 8, 1701-1708.	0.5	22
6	Treatment of a landfill leachate from Casablanca city by a coagulation-flocculation and adsorption process using a palm bark powder (PBP). <i>Scientific African</i> , 2021, 12, e00721.	1.5	22
7	Removal of volatile organic compounds by heterogeneous ozonation on microporous synthetic alumina silicate. <i>Water Science and Technology</i> , 2012, 66, 2020-2026.	2.5	20
8	Toluene, Methanol and Benzaldehyde Removal from Gas Streams by Adsorption onto Natural Clay and Faujasite-Y type Zeolite. <i>Acta Chimica Slovenica</i> , 2016, 63, 798-808.	0.6	19
9	Use of combination of coagulation and adsorption process for the landfill leachate treatment from Casablanca city. , 0, 83, 262-271.		19
10	Optimization of Fenton process operating conditions for the treatment of the landfill leachate of Fez city (Morocco). <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 3323-3336.	3.5	16
11	A comparative study of natural Tunisian clay types in the formulation of compacted earth blocks. <i>Journal of African Earth Sciences</i> , 2019, 160, 103620.	2.0	15
12	Removal of Basic Dyes from Aqueous Solutions by Adsorption onto Moroccan Clay (Fez City). <i>Mediterranean Journal of Chemistry</i> , 2019, 8, 158-167.	0.7	15
13	Adsorption of a cationic dye from aqueous solution using low-cost Moroccan diatomite: adsorption equilibrium, kinetic and thermodynamic studies. , 0, 75, 213-224.		15
14	Low-cost biomass for the treatment of landfill leachate from Fez City: application of a combined coagulation-adsorption process. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	1.3	14
15	Optimization of persulfate/iron(II)/UV-A irradiation process for the treatment of landfill leachate from Fez City (Morocco). <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	13
16	Transition metals-incorporated zeolites as environmental catalysts for indoor air ozone decomposition. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 878-886.	2.2	12
17	Treatment of landfill leachates from Fez city (Morocco) using a sequence of aerobic and Fenton processes. <i>Scientific African</i> , 2020, 8, e00434.	1.5	10
18	Treatment of landfill leachate from Fez City by combined Fenton and adsorption processes using Moroccan bentonite clay. , 0, 225, 402-412.		9

#	ARTICLE	IF	CITATIONS
19	Etude des propriétés texturales et adsorbantes d'une diatomite marocaine: Application au traitement d'air chargé d'un polluant de type composé organique volatil. <i>European Journal of Control</i> , 2006, 31, 183-196.	2.6	8
20	Treatment of landfill leachate from Fez city (Morocco) using Fenton and photo-Fenton processes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 161, 012025.	0.3	7
21	Synthesis and adsorption properties of activated carbon from KOH-activation of Moroccan Jujube shells for the removal of COD and color from wastewater. <i>Mediterranean Journal of Chemistry</i> , 2019, 8, 168-178.	0.7	7
22	Valorization of natural diatomite mineral: Application to removal of anionic dye from aqueous solution in a batch and fixed-bed reactor. <i>Journal of Central South University</i> , 2022, 29, 2084-2098.	3.0	7
23	Removal of basic and acid dyes from aqueous solutions using cone powder from Moroccan cypress <i>Cupressus sempervirens</i> as a natural adsorbent. , 0, 166, 387-398.		6
24	Title is missing!. <i>Reaction Kinetics and Catalysis Letters</i> , 2002, 76, 19-26.	0.6	5
25	Determination of the Heat of Adsorption and Desorption of a Volatile Organic Compound Under Dynamic Conditions Using Fourier Transform Infrared Spectroscopy. <i>Spectroscopy Letters</i> , 2007, 40, 763-775.	1.0	5
26	Removal of textile dyes from aqueous solutions using low cost Moroccan clay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 161, 012009.	0.3	4
27	Synthesis and adsorption properties of activated carbon from KOH-activation of Moroccan Jujube shells for the removal of COD and color from wastewater. <i>Mediterranean Journal of Chemistry</i> , 2019, 8, 168.	0.7	4
28	Characterization of iron-modified natural clay for textile dye retention by sono-adsorption technology. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	3
29	Removal of Basic Dyes from Aqueous Solutions by Adsorption onto Moroccan Clay (Fez City). <i>Mediterranean Journal of Chemistry</i> , 2019, 8, 158.	0.7	0