

# Omar Yassine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2450805/publications.pdf>

Version: 2024-02-01

13  
papers

796  
citations

840119

11  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1366  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOFs for the Sensitive Detection of Ammonia: Deployment of fcu-MOF Thin Films as Effective Chemical Capacitive Sensors. ACS Sensors, 2017, 2, 1294-1301.	4.0	220
2	H <sub>2</sub> S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode. Angewandte Chemie - International Edition, 2016, 55, 15879-15883.	7.2	213
3	Highly sensitive and selective SO <sub>2</sub> MOF sensor: the integration of MFM-300 MOF as a sensitive layer on a capacitive interdigitated electrode. Journal of Materials Chemistry A, 2018, 6, 5550-5554.	5.2	131
4	A Surface Acoustic Wave Passive and Wireless Sensor for Magnetic Fields, Temperature, and Humidity. IEEE Sensors Journal, 2015, 15, 453-462.	2.4	48
5	Highly Efficient Thermo-responsive Nanocomposite for Controlled Release Applications. Scientific Reports, 2016, 6, 28539.	1.6	37
6	H <sub>2</sub> S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode. Angewandte Chemie, 2016, 128, 16111-16115.	1.6	35
7	A remotely operated drug delivery system with an electrolytic pump and a thermo-responsive valve. Biomicrofluidics, 2015, 9, 052608.	1.2	28
8	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. Angewandte Chemie - International Edition, 2017, 56, 14066-14070.	7.2	27
9	Isolation of cells for selective treatment and analysis using a magnetic microfluidic chip. Biomicrofluidics, 2014, 8, 034114.	1.2	25
10	Osmotically driven drug delivery through remote-controlled magnetic nanocomposite membranes. Biomicrofluidics, 2015, 9, 054113.	1.2	15
11	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. Angewandte Chemie, 2017, 129, 14254-14258.	1.6	14
12	Integrated passive and wireless sensor for magnetic fields, temperature and humidity. , 2013, , .		1
13	Rücktitelbild: H <sub>2</sub> S Sensors: Fumarate-Based fcu-MOF Thin Film Grown on a Capacitive Interdigitated Electrode (Angew. Chem. 51/2016). Angewandte Chemie, 2016, 128, 16162-16162.	1.6	1