

Mika Harbeck

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

525
citations

840776

11
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of volatile compounds correlated to human diseases through breath analysis with chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2002, 83, 245-249.	7.8	157
2	Phthalocyanines as sensitive coatings for QCM sensors operating in liquids for the detection of organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 346-354.	7.8	48
3	Preferential sorption of polar compounds by fluoroalkoxy substituted phthalocyanines for the use in sorption based gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 616-624.	7.8	40
4	Pesticide sensing in water with phthalocyanine based QCM sensors. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 562-568.	7.8	39
5	Synthesis and DMMP sensing properties of fluoroalkoxy and fluoroaryloxy substituted phthalocyanines in acoustic sensors. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 781-787.	7.8	36
6	Phthalocyanines as sensitive coatings for QCM sensors: Comparison of gas and liquid sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 298-303.	7.8	34
7	Poly(3-Methylthiophene) Thin Films Deposited Electrochemically on QCMs for the Sensing of Volatile Organic Compounds. <i>Sensors</i> , 2016, 16, 423.	3.8	26
8	Volatile Organic Compounds and Dimethyl Methyl Phosphonate (DMMP) Sensing Properties of the Metal Oxide Functionalized QCM Transducers at Room Temperature. <i>Journal of the Electrochemical Society</i> , 2017, 164, B657-B664.	2.9	22
9	Self-assembly of phthalocyanines on quartz crystal microbalances for QCM liquid sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 651-656.	7.8	19
10	Vic-dioximes: A new class of sensitive materials for chemical gas sensing. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 673-679.	7.8	14
11	The role of hydrogen bonding in the sensitivity of QCM sensors: A spectroscopic study on tosylamido phthalocyanines. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 750-756.	7.8	14
12	Polyalkoxy substituted phthalocyanines sensitive to phenolic compounds in water. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 277-282.	7.8	12
13	Explosives Detection in Sea Water with Phthalocyanine Quartz Crystal Microbalance Sensors. <i>Sensor Letters</i> , 2011, 9, 745-748.	0.4	11
14	Customized vic-dioximes and their metal complexes for enhanced chemical sensing of polar organic molecules. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1004-1011.	7.8	10
15	Anion sensing with cobalt corrinoid grafted quartz crystal microbalances. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 297-302.	7.8	10
16	Governing the sorption and sensing properties of titanium phthalocyanines by means of axial ligands. <i>Sensors and Actuators B: Chemical</i> , 2016, 229, 581-586.	7.8	10
17	Metal complexes of vic-dioximes for chemical gas sensing. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1203-1209.	7.8	9
18	Zinc phthalocyanines with fluorinated substituents for direct sensing of carbamate and organophosphate pesticides in water. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 989-995.	0.8	5

#	ARTICLE	IF	CITATIONS
19	Chemical sensing of explosives in water. , 2010, , .		3
20	Gas sensing with hexafluoroisopropanol substituted phthalocyanines and vic-dioximes: a comparative study. Turkish Journal of Chemistry, 2019, 43, 890-901.	1.2	3
21	Synthesis and QCM gas-sensing properties of 3,4-dialkoxyphenyl tosylamino-substituted phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2020, 24, 830-839.	0.8	3
22	Phthalocyanine based sensors for detection of pesticides in liquid and their surface morphology investigation. , 2011, , .		0
23	Poly(2- <i>n</i> -propyl-oxazoline) Surface Modified Quartz Crystal Microbalance Sensor for Highly Sensitive Detection of Alkali Cyanides, Alkali Chlorides, and Other Ionic Species in Water. Advanced Materials Interfaces, 0, , 2200135.	3.7	0