

Vjekoslav Kokoric

List of Publications by Year in descending order

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290
citing authors

#	ARTICLE	IF	CITATIONS
1	From Light Pipes to Substrate-Integrated Hollow Waveguides for Gas Sensing: A Review. ACS Measurement Science Au, 2021, 1, 97-109.	4.4	9
2	Characterization of metal oxide gas sensors via optical techniques. Analytical and Bioanalytical Chemistry, 2020, 412, 4575-4584.	3.7	10
3	iHWG-MOX: A Hybrid Breath Analysis System via the Combination of Substrate-Integrated Hollow Waveguide Infrared Spectroscopy with Metal Oxide Gas Sensors. ACS Sensors, 2020, 5, 1033-1039.	7.8	19
4	Determining the Partial Pressure of Volatile Components via Substrate-Integrated Hollow Waveguide Infrared Spectroscopy with Integrated Microfluidics. Analytical Chemistry, 2018, 90, 4445-4451.	6.5	18
5	Fiber-Coupled Substrate-Integrated Hollow Waveguides: An Innovative Approach to Mid-infrared Remote Gas Sensors. ACS Sensors, 2017, 2, 1287-1293.	7.8	26
6	iHEART: a miniaturized near-infrared in-line gas sensor using heart-shaped substrate-integrated hollow waveguides. Analyst, The, 2016, 141, 5298-5303.	3.5	15
7	Advanced gas sensors based on substrate-integrated hollow waveguides and dual-color ring quantum cascade lasers. Analyst, The, 2016, 141, 6202-6207.	3.5	20
8	iPRECON: an integrated preconcentrator for the enrichment of volatile organics in exhaled breath. Analytical Methods, 2015, 7, 3664-3667.	2.7	20
9	iCONVERT: An Integrated Device for the UV-Assisted Determination of H ₂ S via Mid-Infrared Gas Sensors. Analytical Chemistry, 2015, 87, 9580-9583.	6.5	24
10	Monitoring of hydrogen sulfide via substrate-integrated hollow waveguide mid-infrared sensors in real-time. Analyst, The, 2014, 139, 198-203.	3.5	70
11	Towards the determination of isoprene in human breath using substrate-integrated hollow waveguide mid-infrared sensors. Journal of Breath Research, 2014, 8, 026003.	3.0	43
12	Real-time monitoring of ozone in air using substrate-integrated hollow waveguide mid-infrared sensors. Scientific Reports, 2013, 3, 3174.	3.3	36