

Vjekoslav Kokoric

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

310
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

290
citing authors

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