

Jim Larsson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5369379/publications.pdf>

Version: 2024-02-01

8
papers

79
citations

1307594
7
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in pulmonary oxygen content are detectable with laser absorption spectroscopy: proof of concept in newborn piglets. <i>Pediatric Research</i> , 2021, 89, 823-829.	2.3	9
2	Fiber-based stray light suppression in spectroscopy using periodic shadowing. <i>Optics Express</i> , 2021, 29, 7232.	3.4	7
3	Comparison of dermal vs internal light administration in human lungs using the TDLASâ€”GASMAS techniqueâ€”Phantom studies. <i>Journal of Biophotonics</i> , 2019, 12, e201800350.	2.3	9
4	157 Åµm fiber source for atmospheric CO ₂ continuous-wave differential absorption lidar. <i>Optics Express</i> , 2019, 27, 10304.	3.4	8
5	Atmospheric CO ₂ sensing using Scheimpflug-lidar based on a 157-Åµm fiber source. <i>Optics Express</i> , 2019, 27, 17348.	3.4	18
6	Development of a 3â€”dimensional tissue lung phantom of a preterm infant for optical measurements of oxygenâ€”Laserâ€”detector position considerations. <i>Journal of Biophotonics</i> , 2018, 11, e201700097.	2.3	16
7	Computer simulation analysis of sourceâ€”detector position for percutaneously measured O ₂ â€”gas signal in a threeâ€”dimensional preterm infant lung. <i>Journal of Biophotonics</i> , 2018, 11, e201800023.	2.3	8
8	Sensitivity enhancement and fringe reduction in tunable diode laser spectroscopy using hemispherical diffusers. <i>Review of Scientific Instruments</i> , 2017, 88, 053111.	1.3	4