

Jim Larsson

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

79
citations

1307594

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h-index

1588992

8
g-index

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all docs

9
docs citations

9
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric CO ₂ sensing using Scheimpflug-lidar based on a 157-Åµm fiber source. Optics Express, 2019, 27, 17348.	3.4	18
2	Development of a 3-dimensional tissue lung phantom of a preterm infant for optical measurements of oxygenâ€”Laserâ€”detector position considerations. Journal of Biophotonics, 2018, 11, e201700097.	2.3	16
3	Comparison of dermal vs internal light administration in human lungs using the TDLASâ€”GASMAS techniqueâ€”Phantom studies. Journal of Biophotonics, 2019, 12, e201800350.	2.3	9
4	Changes in pulmonary oxygen content are detectable with laser absorption spectroscopy: proof of concept in newborn piglets. Pediatric Research, 2021, 89, 823-829.	2.3	9
5	Computer simulation analysis of sourceâ€”detector position for percutaneously measured O ₂ â€”gas signal in a threeâ€”dimensional preterm infant lung. Journal of Biophotonics, 2018, 11, e201800023.	2.3	8
6	157 Åµm fiber source for atmospheric CO2 continuous-wave differential absorption lidar. Optics Express, 2019, 27, 10304.	3.4	8
7	Fiber-based stray light suppression in spectroscopy using periodic shadowing. Optics Express, 2021, 29, 7232.	3.4	7
8	Sensitivity enhancement and fringe reduction in tunable diode laser spectroscopy using hemispherical diffusers. Review of Scientific Instruments, 2017, 88, 053111.	1.3	4