

Susanne Teschl

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

529
citations

1307594

7
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological modeling of isoprene dynamics in exhaled breath. Journal of Theoretical Biology, 2010, 267, 626-637.	1.7	160
2	Dynamic profiles of volatile organic compounds in exhaled breath as determined by a coupled PTR-MS/GC-MS study. Physiological Measurement, 2010, 31, 1169-1184.	2.1	159
3	A mathematical model for breath gas analysis of volatile organic compounds with special emphasis on acetone. Journal of Mathematical Biology, 2011, 63, 959-999.	1.9	111
4	A cardiovascular-respiratory control system model including state delay with application to congestive heart failure in humans. Journal of Mathematical Biology, 2005, 50, 293-335.	1.9	37
5	Modeling-based determination of physiological parameters of systemic VOCs by breath gas analysis: a pilot study. Journal of Breath Research, 2015, 9, 036002.	3.0	22
6	Modeling of breath methane concentration profiles during exercise on an ergometer. Journal of Breath Research, 2016, 10, 017105.	3.0	12
7	Modeling-based determination of physiological parameters of systemic VOCs by breath gas analysis, part 2. Journal of Breath Research, 2018, 12, 036011.	3.0	12
8	Breath gas analysis for estimating physiological processes using anesthetic monitoring as a prototypic example. , 2011, 2011, 1001-4.		8
9	Physiological Modeling for Analysis of Exhaled Breath. , 2013, , 26-46.		8
10	Physiological modeling of exhaled compounds. , 2020, , 43-62.		0