

# Thomas Ritter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3013699/publications.pdf>

Version: 2024-02-01

8  
papers

150  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	A finite element model for mixed potential sensors. Sensors and Actuators B: Chemical, 2019, 287, 476-485.	7.8	40
2	Solid state mixed-potential sensors as direct conversion sensors for automotive catalysts. Sensors and Actuators B: Chemical, 2018, 255, 3025-3032.	7.8	32
3	Effect of the Heterogeneous Catalytic Activity of Electrodes for Mixed Potential Sensors. Journal of the Electrochemical Society, 2018, 165, B795-B803.	2.9	25
4	Self-heated HTCC-based ceramic disc for mixed potential sensors and for direct conversion sensors for automotive catalysts. Sensors and Actuators B: Chemical, 2017, 248, 793-802.	7.8	23
5	On the influence of the NO equilibrium reaction on mixed potential sensor signals: A comparison between FE modelling and experimental data. Sensors and Actuators B: Chemical, 2019, 296, 126627.	7.8	18
6	Simulation of a NOx Sensor for Model-Based Control of Exhaust Aftertreatment Systems. Topics in Catalysis, 2019, 62, 150-156.	2.8	6
7	Simulation of a thermoelectric gas sensor that determines hydrocarbon concentrations in exhausts and the light-off temperature of catalyst materials. Journal of Sensors and Sensor Systems, 2017, 6, 395-405.	0.9	6
8	Direct Catalyst Conversion Sensor in Form of a Single Self-Heated Mixed-Potential Device. Proceedings (mdpi), 2017, 1, .	0.2	0