

# Michael Schmidt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7956140/publications.pdf>

Version: 2024-02-01

10  
papers

205  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of direct and indirect plasma oxidation of NO combined with oxidation by catalyst. Fuel, 2015, 144, 137-144.	6.4	45
2	Non-thermal plasma based decomposition of volatile organic compounds in industrial exhaust gases. International Journal of Environmental Science and Technology, 2015, 12, 3745-3754.	3.5	37
3	Plasma-Activation of Larger Liquid Volumes by an Inductively-Limited Discharge for Antimicrobial Purposes. Applied Sciences (Switzerland), 2019, 9, 2150.	2.5	31
4	Hydrocarbon Assisted NO Oxidation with Non-thermal Plasma in Simulated Marine Diesel Exhaust Gases. Plasma Chemistry and Plasma Processing, 2013, 33, 323-335.	2.4	27
5	Plasma-Based Pollutant Degradation in Gas Streams: Status, Examples and Outlook. Contributions To Plasma Physics, 2014, 54, 202-214.	1.1	27
6	Indoor air purification by dielectric barrier discharge combined with ionic wind: physical and microbiological investigations. Journal Physics D: Applied Physics, 2018, 51, 164003.	2.8	16
7	Large volume spark discharge and plasma jet-technology for generating plasma-oxidized saline targeting colon cancer <i>in vitro</i> and <i>in vivo</i> . Journal of Applied Physics, 2021, 129, .	2.5	12
8	Treatment of industrial exhaust gases by a dielectric barrier discharge. EPJ Applied Physics, 2016, 75, 24708.	0.7	7
9	How activated carbon improves the performance of non-thermal plasma removing methyl ethyl ketone from a gas stream. Cleaner Engineering and Technology, 2021, 4, 100234.	4.0	3
10	Dielectric barrier discharges: Pulsed breakdown, electrical characterization and Chemistry. , 2013, , .		0