

# Nicolas Minesi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

272  
citations

1163117

8  
h-index

1588992

8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical kinetics in an atmospheric pressure helium plasma containing humidity. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24263-24286.	2.8	62
2	Fully ionized nanosecond discharges in air: the thermal spark. <i>Plasma Sources Science and Technology</i> , 2020, 29, 085003.	3.1	43
3	Hydrodynamic regimes induced by nanosecond pulsed discharges in air: mechanism of vorticity generation. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 364001.	2.8	35
4	Spatial evolution of the plasma kernel produced by nanosecond discharges in air. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 295203.	2.8	33
5	Improvement of lean blow out performance of spray and premixed swirled flames using nanosecond repetitively pulsed discharges. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 6559-6566.	3.9	29
6	Plasma-assisted combustion with nanosecond discharges. I: Discharge effects characterization in the burnt gases of a lean flame. <i>Plasma Sources Science and Technology</i> , 2022, 31, 045029.	3.1	22
7	Extended tuning of distributed-feedback lasers in a bias-tee circuit via waveform optimization for MHz-rate absorption spectroscopy. <i>Measurement Science and Technology</i> , 2022, 33, 105104.	2.6	12
8	The role of excited electronic states in ambient air ionization by a nanosecond discharge. <i>Plasma Sources Science and Technology</i> , 2021, 30, 035008.	3.1	11
9	On the arc transition mechanism in nanosecond air discharges. , 2019, , .		9
10	Role of the excited electronic states in the ionization of ambient air by a nanosecond discharge. , 2020, , .		5
11	Dynamics of a Lean Flame Stabilized by Nanosecond Discharges. , 2021, , .		4
12	Ionization Mechanism in a Thermal Spark Discharge. , 2021, , .		3
13	Hydrodynamic effects induced by nanosecond repetitive pulsed discharges. , 2018, , .		2
14	Experimental and numerical characterization of a lean premixed flame stabilized by nanosecond discharges. , 2022, , .		2