

# Francisco Javier Diez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/741574/publications.pdf>

Version: 2024-02-01

9  
papers

161  
citations

1683354  
5  
h-index

1588620  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of pressure and oxygen concentration on the combustion of PMMA. Combustion and Flame, 2013, 160, 1519-1530.	2.8	54
2	Modeling and control of unmanned aerial/underwater vehicles using hybrid control. Control Engineering Practice, 2018, 76, 112-122.	3.2	52
3	Ultrafast electrokinetics. Electrophoresis, 2016, 37, 692-698.	1.3	26
4	Electrokinetically driven deterministic lateral displacement for particle separation in microfluidic devices. Microfluidics and Nanofluidics, 2015, 18, 1195-1200.	1.0	16
5	Vortex chain formation in regions of ion concentration polarization. Lab on A Chip, 2015, 15, 3549-3555.	3.1	7
6	Numerical investigation of the current transition regimes in nanochannels. Electrophoresis, 2019, 40, 740-747.	1.3	3
7	Scalable Electro-Osmotic Thruster for Stealthy, Extreme Condition Underwater Propulsion. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	0.6	2
8	Novel Cyclic Blade Pitching Mechanism for Wind and Tidal Energy Turbine Applications. Energies, 2018, 11, 3328.	1.6	1
9	Acoustic projection by electro-osmosis. JASA Express Letters, 2021, 1, 082801.	0.5	0