

# Priyadarshini Rajasekaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11784375/publications.pdf>

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6  
papers

234  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of transient discharges under atmospheric-pressure conditions applying nitrogen photoemission and current measurements. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 125202.	2.8	38
2	Quantitative characterization of a dielectric barrier discharge in air applying non-calibrated spectrometer, current measurement and numerical simulation. <i>Measurement Science and Technology</i> , 2012, 23, 085605.	2.6	17
3	Space-resolved characterization of high frequency atmospheric-pressure plasma in nitrogen, applying optical emission spectroscopy and numerical simulation. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 485205.	2.8	22
4	Characterization of Dielectric Barrier Discharge (DBD) on Mouse and Histological Evaluation of the Plasma-treated Tissue. <i>Plasma Processes and Polymers</i> , 2011, 8, 246-255.	3.0	42
5	Filamentary and Homogeneous Modes of Dielectric Barrier Discharge (DBD) in Air: Investigation through Plasma Characterization and Simulation of Surface Irradiation. <i>Plasma Processes and Polymers</i> , 2010, 7, 665-675.	3.0	59
6	DBD plasma source operated in single-filamentary mode for therapeutic use in dermatology. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 225201.	2.8	56