

# Pradeep Pai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11306188/publications.pdf>

Version: 2024-02-01

15  
papers

109  
citations

1937685

4  
h-index

2272923

4  
g-index

15  
all docs

15  
docs citations

15  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision curved micro hemispherical resonator shells fabricated by poached-egg micro-molding. , 2012, , .		19
2	Micro-Plasma Field Effect Transistor Operating With DC Plasma. IEEE Electron Device Letters, 2014, 35, 593-595.	3.9	19
3	Fabrication and testing of hemispherical MEMS wineglass resonators. , 2013, , .		13
4	Microplasma Field Effect Transistors. Micromachines, 2017, 8, 117.	2.9	13
5	Non-intrusive electric power sensors for smart grid. , 2012, , .		11
6	SUB 3-micron gap microplasma fet with 50 V turn-on voltage. , 2014, , .		6
7	Microplasma Logic Gates. IEEE Transactions on Plasma Science, 2014, 42, 1995-1998.	1.3	6
8	Operation principles of micro-plasma field effect transistor. , 2013, , .		4
9	Magnetically coupled resonators for rate integrating gyroscopes. , 2014, , .		4
10	Plasma interconnects and circuits for logic gates and computer sub-circuits. Applied Physics Letters, 2014, 104, 244104.	3.3	4
11	Contact resistance, stiction force, and field-assisted growth and migration in MEMS and NEMS metals. , 2014, , .		3
12	Fiber optic magnetometer with sub-pico Tesla sensitivity for magneto-encephalography. , 2014, , .		3
13	Thickness dependent adhesion force and its correlation to surface roughness in multilayered graphene. , 2013, , .		2
14	Low voltage &#x2014; Enhanced actuation MEMS cantilevers using Al<math>\text{O}_2</math>/<math>\text{O}_3</math>-<math>\text{SiO}_2</math>/electrets. , 2013, , .		1
15	TiO<math>\text{x}</math> memristors with variable turn-on voltage using field-effect for non-volatile memory. , 2013, , .		1