

# M Surendra

## List of Publications by Year in descending order

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13  
papers

1,999  
citations

949033

11  
h-index

1336881

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

953  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Monte Carlo collision model for the particle-in-cell method: applications to argon and oxygen discharges. <i>Computer Physics Communications</i> , 1995, 87, 179-198.      | 3.0 | 853       |
| 2  | Radiofrequency discharge benchmark model comparison. <i>Plasma Sources Science and Technology</i> , 1995, 4, 56-73.  | 1.3 | 84        |
| 3  | Collisionless electron heating by radio-frequency plasma sheaths. <i>Applied Physics Letters</i> , 1994, 65, 153-155.  | 1.5 | 24        |
| 4  | Self-consistent fluid modeling of radio frequency discharges in two dimensions. <i>Applied Physics Letters</i> , 1993, 62, 3207-3209.  | 1.5 | 41        |
| 5  | Moment analysis of rf parallel-plate-discharge simulations using the particle-in-cell with Monte Carlo collisions technique. <i>Physical Review E</i> , 1993, 48, 3914-3924. | 0.8 | 71        |
| 6  | Hydrodynamic analysis of electron motion in the cathode fall using a Monte Carlo simulation. <i>Journal of Applied Physics</i> , 1992, 72, 2620-2631.                        | 1.1 | 5         |
| 7  | Self-consistent dc glow-discharge simulations applied to diamond film deposition reactors. <i>Journal of Applied Physics</i> , 1992, 71, 5189-5198.                          | 1.1 | 43        |
| 8  | Particle simulations of radio-frequency glow discharges. <i>IEEE Transactions on Plasma Science</i> , 1991, 19, 144-157.   | 0.6 | 239       |
| 9  | Capacitively coupled glow discharges at frequencies above 13.56 MHz. <i>Applied Physics Letters</i> , 1991, 59, 2091-2093.   | 1.5 | 161       |
| 10 | Electron acoustic waves in capacitively coupled, low-pressure rf glow discharges. <i>Physical Review Letters</i> , 1991, 66, 1469-1472.                                      | 2.9 | 106       |
| 11 | Self-consistent model of a direct-current glow discharge: Treatment of fast electrons. <i>Physical Review A</i> , 1990, 41, 1112-1125.                                       | 1.0 | 245       |
| 12 | Electron heating in low-pressure rf glow discharges. <i>Applied Physics Letters</i> , 1990, 56, 1022-1024.   | 1.5 | 126       |
| 13 | Non-Equilibrium Effects in DC and RF Glow Discharges. , 1990, , 157-176.   |     | 1         |