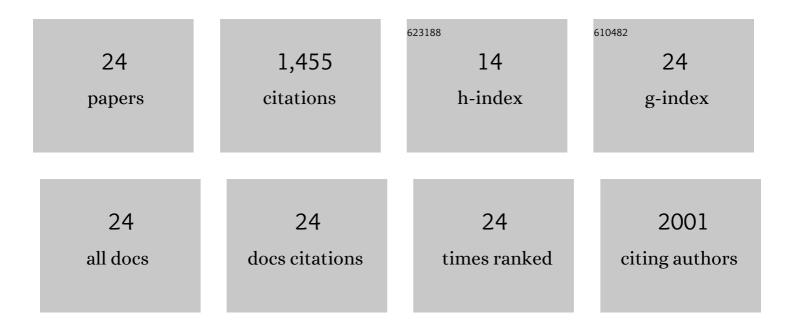
Prakash R Somani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrochromic materials and devices: present and future. Materials Chemistry and Physics, 2003, 77, 117-133.	2.0	727
2	High piezoresistivity and its origin in conducting polyaniline/TiO2 composites. Synthetic Metals, 1999, 106, 45-52.	2.1	137
3	Synthesis, characterization and charge transport mechanism in conducting polyaniline/V 2 O 5 composites. Polymer, 2001, 42, 2991-3001.	1.8	79
4	Thermal degradation properties of solid polymer electrolyte (poly(vinyl alcohol)+phosphoric) Tj ETQq0 0 0 rgBT /	Overlock 2	10 Jf 50 622 ⁻

5	Toward organic thick film solar cells: Three dimensional bulk heterojunction organic thick film solar cell using fullerene single crystal nanorods. Applied Physics Letters, 2007, 91, 173503.	1.5	62
6	Charge transfer complex-forming dyes incorporated in solid polymer electrolyte for optical humidity sensing. Sensors and Actuators B: Chemical, 2001, 80, 141-148.	4.0	55
7	Application of metal nanoparticles decorated carbon nanotubes in photovoltaics. Applied Physics Letters, 2008, 93, .	1.5	44
8	Improving photovoltaic response of poly(3-hexylthiophene)/n-Si heterojunction by incorporating double walled carbon nanotubes. Applied Physics Letters, 2006, 89, 223505.	1.5	41
9	Carbon nanofibers and multiwalled carbon nanotubes from camphor and their field electron emission. Current Applied Physics, 2009, 9, 144-150.	1.1	40
10	Carbon nanotube incorporation: A new route to improve the performance of organic–inorganic heterojunction solar cells. Diamond and Related Materials, 2008, 17, 585-588.	1.8	34
11	Improving the photovoltaic response of a poly(3-octylthiophene)/n-Si heterojunction by incorporating double-walled carbon nanotubes. Nanotechnology, 2007, 18, 185708.	1.3	28
12	Platinum and Ruthenium nanoparticles decorated multi walled carbon nanotubes as electrodes for polymer electrolyte membrane fuel cells. Diamond and Related Materials, 2009, 18, 497-500.	1.8	26
13	Field electron emission of double walled carbon nanotube film prepared by drop casting method. Solid-State Electronics, 2007, 51, 788-792.	0.8	19
14	Sensitization effect in doped and undoped state of polypyrrole by methylene blue in solid state electrochemical cells. Chemical Physics Letters, 2003, 379, 401-405.	1.2	16
15	Sensitization effect in conducting polyaniline by rhodamine 6G. Journal of Materials Science: Materials in Electronics, 2002, 13, 735-741.	1.1	12
16	Nanostructured hydrogenated amorphous carbon films doped with nitrogen on p-silicon. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 1982-1991.	0.8	11
17	Carbon nanocapsules encapsulating cobalt nanoparticles by pulsed discharge plasma chemical vapor deposition. Diamond and Related Materials, 2008, 17, 576-580.	1.8	11
18	Double-Walled Carbon Nanotubes-Incorporated Donor–Acceptor-Type Organic Photovoltaic Devices Using Poly(3-octylthiophene) and C60. Japanese Journal of Applied Physics, 2008, 47, 1219-1222.	0.8	11

PRAKASH R SOMANI

#	Article	IF	CITATIONS
19	Solid state electrochemical reaction in photocells made using conducting polyaniline and sensitized with methylene blue. Journal of Solid State Electrochemistry, 2003, 7, 166-170.	1.2	9
20	Field electron emission of multiwalled carbon nanotubes and carbon nanofibers grown from Camphor. Solid-State Electronics, 2008, 52, 941-945.	0.8	8
21	Concept and demonstration of all organic Gratzel solar cell (dye sensitized solar cell). Applied Physics Letters, 2006, 89, 083501.	1.5	5
22	Vertically selfâ€aligned conical carbon nanofibers by pulsed discharge plasma chemical vapour deposition and its field electron emission. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 3096-3101.	0.8	2
23	Nitrogen-induced nanostructure formation in hydrogenated amorphous carbon films doped with nitrogen. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 709-713.	1.3	1
24	Photocarrier injection effect in hydrogenerated amorphous carbon doped with nitrogen/p-silicon heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2783-2786.	1.3	1