

# Tejas A Shastry

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carbon Nanotubes in Thin-Film Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1601205.	19.5	25
2	Carbon Nanotubes: Enhanced Uniformity and Area Scaling in Carbon Nanotube- Fullerene Bulk-Heterojunction Solar Cells Enabled by Solvent Additives ( <i>Adv. Energy Mater.</i> 2/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	19.5	2
3	Ternary Polymer-Perylene-dimide-Carbon Nanotube Photovoltaics with High Efficiency and Stability under Super-Solar Irradiation. <i>ACS Energy Letters</i> , 2016, 1, 548-555.	17.4	35
4	Suppression of Polyfluorene Photo-Oxidative Degradation via Encapsulation of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4223-4229.	4.6	8
5	Mutual Photoluminescence Quenching and Photovoltaic Effect in Large-Area Single-Layer MoS <sub>2</sub> -Polymer Heterojunctions. <i>ACS Nano</i> , 2016, 10, 10573-10579.	14.6	99
6	Enhanced Uniformity and Area Scaling in Carbon Nanotube- Fullerene Bulk-Heterojunction Solar Cells Enabled by Solvent Additives. <i>Advanced Energy Materials</i> , 2016, 6, 1501466.	19.5	19
7	Charge-Transfer Magnets: Multiferroicity of Carbon-Based Charge-Transfer Magnets ( <i>Adv. Mater.</i> ) Tj ETQq1 1 0.784314 rgBT 0/Overloc	21.0	31
8	Understanding Charge Transfer in Carbon Nanotube- Fullerene Bulk Heterojunctions. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7428-7435.	8.0	22
9	Multiferroicity of Carbon-Based Charge-Transfer Magnets. <i>Advanced Materials</i> , 2015, 27, 734-739.	21.0	31
10	Polychiral Semiconducting Carbon Nanotube- Fullerene Solar Cells. <i>Nano Letters</i> , 2014, 14, 5308-5314.	9.1	109
11	Diameter Refinement of Semiconducting Arc Discharge Single-Walled Carbon Nanotubes via Density Gradient Ultracentrifugation. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2805-2810.	4.6	49
12	Improved uniformity in high-performance organic photovoltaics enabled by (3-aminopropyl)triethoxysilane cathode functionalization. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20966.	2.8	24
13	Probing Carbon Nanotube-Surfactant Interactions with Two-Dimensional DOSY NMR. <i>Journal of the American Chemical Society</i> , 2013, 135, 6750-6753.	13.7	58
14	Large-Area, Electronically Monodisperse, Aligned Single-Walled Carbon Nanotube Thin Films Fabricated by Evaporation-Driven Self-Assembly. <i>Small</i> , 2013, 9, 45-51.	10.0	67
15	Broad-Spectral-Response Nanocarbon Bulk-Heterojunction Excitonic Photodetectors. <i>Advanced Materials</i> , 2013, 25, 3433-3437.	21.0	99
16	Narrow Diameter Distributions of Metallic Arc Discharge Single-Walled Carbon Nanotubes via Dual-Iteration Density Gradient Ultracentrifugation. <i>Advanced Materials</i> , 2012, 24, 4765-4768.	21.0	43