

# Tejas A Shastry

## List of Publications by Year in descending order

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687363

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1453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polychiral Semiconducting Carbon Nanotubeâ€“Fullerene Solar Cells. Nano Letters, 2014, 14, 5308-5314.	9.1	109
2	Broadâ€“Spectralâ€“Response Nanocarbon Bulkâ€“Heterojunction Excitonic Photodetectors. Advanced Materials, 2013, 25, 3433-3437.	21.0	99
3	Mutual Photoluminescence Quenching and Photovoltaic Effect in Large-Area Single-Layer MoS <sub>2</sub> â€“Polymer Heterojunctions. ACS Nano, 2016, 10, 10573-10579.	14.6	99
4	Largeâ€“Area, Electronically Monodisperse, Aligned Singleâ€“Walled Carbon Nanotube Thin Films Fabricated by Evaporationâ€“Driven Selfâ€“Assembly. Small, 2013, 9, 45-51.	10.0	67
5	Probing Carbon Nanotubeâ€“Surfactant Interactions with Two-Dimensional DOSY NMR. Journal of the American Chemical Society, 2013, 135, 6750-6753.	13.7	58
6	Diameter Refinement of Semiconducting Arc Discharge Single-Walled Carbon Nanotubes via Density Gradient Ultracentrifugation. Journal of Physical Chemistry Letters, 2013, 4, 2805-2810.	4.6	49
7	Narrow Diameter Distributions of Metallic Arc Discharge Singleâ€“Walled Carbon Nanotubes via Dualâ€“Iteration Density Gradient Ultracentrifugation. Advanced Materials, 2012, 24, 4765-4768.	21.0	43
8	Ternary Polymerâ€“Perylenediimideâ€“Carbon Nanotube Photovoltaics with High Efficiency and Stability under Super-Solar Irradiation. ACS Energy Letters, 2016, 1, 548-555.	17.4	35
9	Multiferroicity of Carbonâ€“Based Chargeâ€“Transfer Magnets. Advanced Materials, 2015, 27, 734-739.	21.0	31
10	Carbon Nanotubes in Thinâ€“Film Solar Cells. Advanced Energy Materials, 2017, 7, 1601205.	19.5	25
11	Improved uniformity in high-performance organic photovoltaics enabled by (3-aminopropyl)triethoxysilane cathode functionalization. Physical Chemistry Chemical Physics, 2013, 15, 20966.	2.8	24
12	Understanding Charge Transfer in Carbon Nanotubeâ€“Fullerene Bulk Heterojunctions. ACS Applied Materials & Interfaces, 2015, 7, 7428-7435.	8.0	22
13	Enhanced Uniformity and Area Scaling in Carbon Nanotubeâ€“Fullerene Bulkâ€“Heterojunction Solar Cells Enabled by Solvent Additives. Advanced Energy Materials, 2016, 6, 1501466.	19.5	19
14	Suppression of Polyfluorene Photo-Oxidative Degradation via Encapsulation of Single-Walled Carbon Nanotubes. Journal of Physical Chemistry Letters, 2016, 7, 4223-4229.	4.6	8
15	Carbon Nanotubes: Enhanced Uniformity and Area Scaling in Carbon Nanotubeâ€“Fullerene Bulkâ€“Heterojunction Solar Cells Enabled by Solvent Additives (Adv. Energy Mater. 2/2016). Advanced Energy Materials, 2016, 6, .	19.5	2
16	Charge-Transfer Magnets: Multiferroicity of Carbon-Based Charge-Transfer Magnets (Adv. Mater.) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	21.0	0