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Organic solar cell materials and active layer designsimprovements with carbon nanotubes: a review

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63	Photochemical and thermal spiropyran (SP)-merocyanine (MC) interconversion: a dichotomy in dependence on viscosity. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 13684-91	3.6	8
62	The origin and development of (plastic) organic electronics. <i>Polymer International</i> , <b>2012</b> , 61, 337-341	3.3	11
61	Solar-energy photoconverters based on thin films of organic materials. <i>Technical Physics Letters</i> , <b>2013</b> , 39, 854-857	0.7	11
60	Fullerene-based processable polymers as plausible acceptors in photovoltaic applications. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2013</b> , 51, 291-302	2.6	15
59	Photofunctional Hybrid Nanocarbon Materials. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 3195-3209	3.8	94
58	Optimizing the organic solar cell efficiency: Role of the active layer thickness. <i>Solar Energy Materials and Solar Cells</i> , <b>2013</b> , 113, 100-105	6.4	53
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47	Dynamic interactions between poly(3-hexylthiophene) and single-walled carbon nanotubes in marginal solvent. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 6038-46	3.4	24

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46	Increase of open circuit voltage of polymer bulk heterojunction solar cell by functionalized single walled carbon nanotubes. <i>International Journal of Higher Education Management</i> , <b>2015</b> , 1, 59-64	1	0
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43	Ternary molecules blend organic bulk heterojunction solar cell. <i>Materials Science in Semiconductor Processing</i> , <b>2015</b> , 40, 158-161	4.3	12
42	Photoinduced charge separation in organic-inorganic hybrid system: C60-containing electropolymer / CdSe-quantum dots. <i>Electrochimica Acta</i> , <b>2015</b> , 173, 316-322	6.7	10
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