

# Harri Aarnio

## List of Publications by Year in descending order

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17  
papers

526  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1048  
citing authors

#	ARTICLE	IF	CITATIONS
1	IR-sintering of ink-jet printed metal-nanoparticles on paper. <i>Thin Solid Films</i> , 2012, 520, 2949-2955.	1.8	144
2	Trap-Assisted Recombination via Integer Charge Transfer States in Organic Bulk Heterojunction Photovoltaics. <i>Advanced Functional Materials</i> , 2014, 24, 6309-6316.	14.9	70
3	Spontaneous Charge Transfer and Dipole Formation at the Interface Between P3HT and PCBM. <i>Advanced Energy Materials</i> , 2011, 1, 792-797.	19.5	62
4	Role of electron-hole pair formation in organic magnetoresistance. <i>Physical Review B</i> , 2009, 79, .	3.2	56
5	Potassium-Selective Electrodes with Stable and Geometrically Well-Defined Internal Solid Contact Based on Nanoparticles of Polyaniline and Plasticized Poly(vinyl chloride). <i>Analytical Chemistry</i> , 2007, 79, 8571-8577.	6.5	55
6	Photoexcitation dynamics in an alternating polyfluorene copolymer. <i>Physical Review B</i> , 2007, 75, .	3.2	25
7	The Effects of Moisture in Low-Voltage Organic Field-Effect Transistors Gated with a Hydrated Solid Electrolyte. <i>Advanced Functional Materials</i> , 2010, 20, 2605-2610.	14.9	25
8	Photoinduced absorption in an alternating polyfluorene copolymer for photovoltaic applications. <i>Chemical Physics</i> , 2006, 321, 127-132.	1.9	18
9	Hysteretic magnetoresistance in polymeric diodes. <i>Physica Status Solidi - Rapid Research Letters</i> , 2009, 3, 242-244.	2.4	18
10	Effect of 2-D Delocalization on Charge Transport and Recombination in Bulk-Heterojunction Solar Cells. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 1738-1745.	2.9	17
11	Recombination studies in a polyfluorene copolymer for photovoltaic applications. <i>Synthetic Metals</i> , 2005, 155, 299-302.	3.9	12
12	Roll-to-Roll Fabrication of Bulk Heterojunction Plastic Solar Cells using the Reverse Gravure Coating Technique. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1091, 1.	0.1	7
13	Large-Scale Roll-to-Roll Patterned Oxygen Indicators for Modified Atmosphere Packages. <i>Packaging Technology and Science</i> , 2017, 30, 219-227.	2.8	7
14	Nature and dynamics of photoexcited states in an electroluminescent poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (vin Photobiology A: Chemistry, 2008, 199, 358-362.	3.9	6
15	Magnetoresistance in Poly (3-hexyl thiophene) Based Diodes and Bulk Heterojunction Solar Cells. <i>Springer Proceedings in Physics</i> , 2009, , 127-131.	0.2	2
16	Bimolecular Recombination in Regioregular and Regiorandom Poly(3-Hexylthiophene):PCBM Using Photoinduced Absorption Spectroscopy. <i>Energy Procedia</i> , 2012, 31, 21-25.	1.8	1
17	The Effect of Degradation on the Active Layer in APFO3: PCBM Solar Cells. <i>Energy Procedia</i> , 2012, 31, 26-30.	1.8	1