

Jean-Nicolas Tisserant

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

340
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	Semitransparent organic photovoltaics using a near-infrared absorbing cyanine dye. <i>Solar Energy Materials and Solar Cells</i> , 2013, 118, 157-164.	6.2	45
2	A transparent, solvent-free laminated top electrode for perovskite solar cells. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 260-266.	6.1	44
3	Synthesis, thin-film morphology, and comparative study of bulk and bilayer heterojunction organic photovoltaic devices using soluble diketopyrrolopyrrole molecules. <i>Energy and Environmental Science</i> , 2011, 4, 3617.	30.8	37
4	Diyne-Functionalized Fullerene Self-Assembly for Thin Film Solid-State Polymerization. <i>Macromolecules</i> , 2014, 47, 721-728.	4.8	28
5	Influence of crystalline titanium oxide layer smoothness on the performance of inverted organic bilayer solar cells. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	22
6	Stability of bilayer trimethine cyanine dye/fullerene organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 117, 585-591.	6.2	20
7	Growth and Alignment of Thin Film Organic Single Crystals from Dewetting Patterns. <i>ACS Nano</i> , 2013, 7, 5506-5513.	14.6	20
8	Ternary semitransparent organic solar cells with a laminated top electrode. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 68-75.	6.1	19
9	Morphogen-driven self-construction of covalent films built from polyelectrolytes and homobifunctional spacers: buildup and pH response. <i>Soft Matter</i> , 2012, 8, 10336.	2.7	18
10	Oligothiophene dendron-decorated squaraine dyes: Synthesis, thin film formation, and performance in organic solar cells. <i>Organic Electronics</i> , 2012, 13, 1204-1212.	2.6	16
11	Resonance Light Scattering in Dye-Aggregates Forming in Dewetting Droplets. <i>ACS Nano</i> , 2014, 8, 10057-10065.	14.6	16
12	Nanoporous Organic Field-Effect Transistors Employing a Calixarene Dielectric for Sub-ppb Gas Sensing. <i>Advanced Electronic Materials</i> , 2018, 4, 1800362.	5.1	14
13	Resistive switching of alkanethiolated nanoparticle monolayers patterned by electron-beam exposure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22783-22788.	2.8	8
14	Water-Mediated Assembly of Gold Nanoparticles into Aligned One-Dimensional Superstructures. <i>Langmuir</i> , 2015, 31, 7220-7227.	3.5	6
15	Biofuel cell operating on activated THP-1 cells: A fuel and substrate study. <i>Biosensors and Bioelectronics</i> , 2017, 87, 1-6.	10.1	6
16	Dewetting-driven hierarchical self-assembly of small semiconducting molecules. <i>Soft Matter</i> , 2012, 8, 5804.	2.7	5
17	Interfacial self-assembly of nanoporous C ₆₀ thin films. <i>RSC Advances</i> , 2016, 6, 23141-23147.	3.6	5
18	Solvent-mediated conductance increase of dodecanethiol-stabilized gold nanoparticle monolayers. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 2057-2064.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Self-organised microdots formed by dewetting in a highly volatile liquid. Journal of Colloid and Interface Science, 2012, 378, 201-209.	9.4	3
20	Monitoring the transformation of aliphatic and fullerene molecules by high-energy electrons using surface-enhanced Raman spectroscopy. Nanotechnology, 2017, 28, 165701.	2.6	2
21	Visualizing Local Morphology and Conductivity Switching in Interface-Assembled Nanoporous C ₆₀ Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 27166-27172.	8.0	2