

Kristijonas Genevicius

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,927
citations

840585

11
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

4102
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-crystalline semiconducting polymers with high charge-carrier mobility. <i>Nature Materials</i> , 2006, 5, 328-333.	13.3	2,001
2	Stable Polythiophene Semiconductors Incorporating Thieno[2,3-b]thiophene. <i>Journal of the American Chemical Society</i> , 2005, 127, 1078-1079.	6.6	343
3	Molecular engineering of face-on oriented dopant-free hole transporting material for perovskite solar cells with 19% PCE. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7811-7815.	5.2	209
4	Two dimensional Langevin recombination in regioregular poly(3-hexylthiophene). <i>Applied Physics Letters</i> , 2009, 95, 013303.	1.5	70
5	Pyridination of hole transporting material in perovskite solar cells questions the long-term stability. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8874-8878.	2.7	67
6	Charge transport and its characterization using photo-CELIV in bulk heterojunction solar cells. <i>Polymer International</i> , 2017, 66, 13-25.	1.6	61
7	Oxidized Spiro-OMeTAD: Investigation of Stability in Contact with Various Perovskite Compositions. <i>ACS Applied Energy Materials</i> , 2021, 4, 13696-13705.	2.5	24
8	Double injection in organic bulk-heterojunction. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2858-2861.	1.5	23
9	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.	1.9	17
10	Sterically controlled azomethine ylide cycloaddition polymerization of phenyl-C ₆₁ -butyric acid methyl ester. <i>Chemical Communications</i> , 2016, 52, 6107-6110.	2.2	15
11	Temporal Dynamics of Solid-State Thermally Activated Delayed Fluorescence: Disorder or Ultraslow Solvation?. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1839-1844.	2.1	12
12	Designing solution-processable air-stable liquid crystalline crosslinkable semiconductors. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 2779-2787.	1.6	11
13	Two-dimensional Langevin recombination. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, NA-NA.	0.8	11
14	Main-chain alternating fullerene and dye oligomers for organic photovoltaics. <i>Polymer International</i> , 2017, 66, 388-398.	1.6	11
15	Current transients in organic field effect transistors. <i>Applied Physics Letters</i> , 2013, 102, 163306.	1.5	9
16	Hybrid OLEDs with CdSSe/ZnS core-shell quantum dots: An investigation of electroluminescence properties. <i>Synthetic Metals</i> , 2015, 209, 343-347.	2.1	9
17	Features of charge carrier concentration and mobility in π -conjugated polymers. <i>Macromolecular Symposia</i> , 2004, 212, 209-218.	0.4	7
18	Cross-linkable carbazole-based hole transporting materials for perovskite solar cells. <i>Chemical Communications</i> , 2022, 58, 7495-7498.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Charge carrier transport and recombination in disordered materials. Lithuanian Journal of Physics, 2016, 56, 182-189.	0.1	6
20	Charge Carrier Transport, Recombination, and Trapping in Organic Solar Cells Studied by Double Injection Technique. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1764-1769.	1.9	5
21	Spectroscopic and morphological investigation of conjugated photopolymerisable quinquethiophene liquid crystals. Current Applied Physics, 2012, 12, e59-e66.	1.1	4
22	Investigation of charge carrier mobility and recombination in PBDTTPD thin layer structures. Organic Electronics, 2021, 90, 106066.	1.4	3
23	Stable semiconducting thiophene polymers and their field effect transistor characteristics. , 2005, , .		2
24	Anisotropy of charge carrier transport in PCPDTBT field-effect transistor structures. Synthetic Metals, 2020, 264, 116382.	2.1	0