

# Hiroyuki Mochizuki

## List of Publications by Year in descending order

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25  
papers

153  
citations

1307366

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h-index

1199470

12  
g-index

25  
all docs

25  
docs citations

25  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Doping of functional materials into poly(p-phenylene vinylene) by the vapor transportation method. Applied Physics Letters, 2004, 85, 5155-5157.	1.5	27
2	Optical pumped lasing in solution processed perovskite semiconducting materials: Self-assembled microdisk lasing. Japanese Journal of Applied Physics, 2016, 55, 04ES02.	0.8	18
3	Emission behavior of trifluoromethyl bis-styrylbenzene derivative. Japanese Journal of Applied Physics, 2016, 55, 022101.	0.8	17
4	Electronic states of thiophene/phenylene co-oligomers: Extreme-ultra violet excited photoelectron spectroscopy observations and density functional theory calculations. Journal of Applied Physics, 2013, 113, 083710.	1.1	14
5	Optically pumped lasing in solution-processed perovskite semiconducting materials: Self-assembled Fabry-Pérot microcavity. Japanese Journal of Applied Physics, 2017, 56, 04CL07.	0.8	12
6	Optimization of thermal treatment of vapor-deposited thiophene/phenylene co-oligomer films. Journal of Crystal Growth, 2012, 345, 39-43.	0.7	11
7	Effect of Trifluoromethyl Group Position in Bis-styrylbenzenes on Their Characteristics. Bulletin of the Chemical Society of Japan, 2017, 90, 327-331.	2.0	9
8	Writing Speed Dependency of Femtosecond Laser Refractive Index Modification in Poly(dimethylsiloxane). Journal of Laser Micro Nanoengineering, 2012, 7, 171-175.	0.4	7
9	Effects of pn Doping in Thiophene/Phenylene Co-oligomers Thin Films. Molecular Crystals and Liquid Crystals, 2015, 620, 153-158.	0.4	5
10	Introduction effects of three electron-withdrawing groups into bis-styrylbenzene skeleton on photoelectric and photophysical properties. Japanese Journal of Applied Physics, 2017, 56, 022401.	0.8	5
11	Fabrication of Diffractive Optical Elements in Polymers by 400-nm Femtosecond Laser Pulses. Journal of Laser Micro Nanoengineering, 2012, 7, 58-61.	0.4	4
12	Large gain for crystalline thin films of thiophene/phenylene co-oligomer by photopumping with femtosecond laser pulses. Journal of Luminescence, 2014, 155, 338-342.	1.5	4
13	Crystallization of thiophene/phenylene co-oligomers by dropping of their solutions into poor solvents. Thin Solid Films, 2014, 554, 89-94.	0.8	4
14	Fibrous Crystals of E,E-1,4-Bis(3,5-difluoromethylstyryl)benzene with High Emission Ability. Bulletin of the Chemical Society of Japan, 2018, 91, 444-446.	2.0	4
15	Very low amplified spontaneous emission thresholds of bis-styrylbenzene derivatives with trifluoromethyl and trifluoromethoxy groups in terminal positions. Applied Physics Express, 2019, 12, 041007.	1.1	4
16	Processing condition dependence of time-resolved photoluminescence in thiophene/phenylene co-oligomer microcavities. Japanese Journal of Applied Physics, 2014, 53, 01AD07.	0.8	2
17	A slight bluish-white fluorescence from E,E-2,6-bis(4-cyanostyryl)pyridine pristine crystals. RSC Advances, 2020, 10, 2727-2733.	1.7	2
18	Evaluation of amplified spontaneous emission from photopumped thiophene/phenylene co-oligomers in polycrystalline states. Proceedings of SPIE, 2012, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Hybrid Lead Halide Layered Perovskites with Silsesquioxane Interlayers. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 95-99.	0.9	1
20	Thermal Treatment Effect on Morphology and Photo-Physical Properties of Bis-Styrylbenzene Derivatives. <i>IEICE Transactions on Electronics</i> , 2017, E100.C, 145-148.	0.3	1
21	Low Threshold Amplified Spontaneous Emission from Multicolor-Tunable <i>E</i> , <i>E</i> -1,4-Bis(2-trifluoromethylstyryl)benzene Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1039-1041.	2.0	1
22	Emission Behavior of Crystalline 1,4-Bis(4-phenylthiophene-2-yl)benzene Film Under Optical Excitation with Ultra Short Pulses. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3262-3266.	0.9	0
23	Improvement in thermal stability of solar cell using a non-fullerene n-type liquid crystalline semiconductor. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 031004.	0.8	0
24	Photophysical Properties of Bis-Styrylbenzene Derivatives with Electron-Withdrawing Groups. <i>The Review of Laser Engineering</i> , 2018, 46, 15.	0.0	0
25	Characteristic changes of vapor deposited films for bis-styrylbenzene derivatives after thermal treatment. , 2018, , .		0