

Hiroyuki Kuwae

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

177
citations

1307594

7
h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly flexible transparent electrodes based on mesh-patterned rigid indium tin oxide. Scientific Reports, 2018, 8, 2825.	3.3	72
2	Suppression of external quantum efficiency roll-off of nanopatterned organic-light emitting diodes at high current densities. Journal of Applied Physics, 2015, 118, 155501.	2.5	27
3	Liquid/solution-based microfluidic quantum dots light-emitting diodes for high-colour-purity light emission. Scientific Reports, 2020, 10, 14528.	3.3	15
4	Joule heat-induced breakdown of organic thin-film devices under pulse operation. Journal of Applied Physics, 2017, 121, .	2.5	14
5	Sub-50-nm structure patterning by combining nanoimprint lithography and anisotropic wet etching without considering original mold resolution. Microelectronic Engineering, 2017, 169, 39-42.	2.4	13
6	Recent Advances in Research and Development of Microfluidic Organic Light-Emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 467-474.	0.3	8
7	Biological reaction control using topography regulation of nanostructured titanium. Scientific Reports, 2020, 10, 2438.	3.3	8
8	High-Color-Purity Microfluidic Quantum Dots Light-Emitting Diodes Using the Electroluminescence of the Liquid Organic Semiconductor Backlight. , 2019, , .		4
9	High-aspect-ratio Sub-2-¼m Vias Using Thermal Imprint with Build-up Resin. , 2018, , .		3
10	Low-Temperature Quasi-Direct Copper-Copper Bonding with a Thin Platinum Intermediate Layer Prepared by Atomic Layer Deposition. Transactions of the Japan Institute of Electronics Packaging, 2020, 13, E19-014-1-E19-014-9.	0.4	3
11	Cu-Cu Quasi-Direct Bonding with Atomically Thin-Au and Pt Intermediate Layer Using Atomic Layer Deposition. , 2019, , .		2
12	New Era of Device Science. , 2019, , .		2
13	Flexible organic light emitting diode ribbons using three liquid organic semiconductors. , 2016, , .		1
14	A study on low temperature SAM modified POM direct bonding affected by VUV/O ₂ /N ₂ irradiation. , 2017, , .		1
15	Fabrication of Hole-Patterned Self-Standing Curved Film Using Large-area Spherical Soft UV Imprint Lithography. Transactions of the Japan Institute of Electronics Packaging, 2017, 10, E17-002-1-E17-002-6.	0.4	1
16	Water-Electrokinetic Power Generation Device using Flexible Woody Carbon Film. , 2019, , .		1
17	RGB all Liquid-Based Microfluidic Quantum Dots Light-Emitting Diodes Using Deep-Blue Liquid Organic Semiconductor Backlight. , 2020, , .		1
18	Low-Residual-Stress Amorphous Film for LiTaO ₃ /Quartz or LiNbO ₃ /Quartz Bonding toward 5G Surface Acoustic Wave Devices. Transactions of the Japan Institute of Electronics Packaging, 2020, 13, E19-009-1-E19-009-7.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Cu-Cu direct bonding by introducing Au intermediate layer. , 2017, , .		0
20	Highly bendable transparent electrode using mesh patterned indium tin oxide for flexible electronic devices. , 2017, , .		0
21	Effects of Oxygen Partial Pressure on Wood-Based Activated Carbon Treated with Vacuum Ultraviolet Light. Coatings, 2021, 11, 411.	2.6	0