

Shiro Iwata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2118472/publications.pdf>

Version: 2024-02-01

17
papers

156
citations

1307594

7
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a patterned Pt counter electrode for dye-sensitized solar cells using neutralized $H_2PtCl_6 \cdot 6H_2O$ paste. <i>Materials Today Communications</i> , 2019, 18, 163-166.	1.9	5
2	Characterization of non-contact measurements of electrolyte concentrations using a printed mutual-capacitive sensor film. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 036504.	1.5	3
3	Stability of the current characteristics of dye-sensitized solar cells in the second quadrant of the current-voltage characteristics. <i>Energy Reports</i> , 2018, 4, 8-12.	5.1	27
4	Design of dye-sensitized solar cells using TiO_2 pastes with different secondary particles sizes. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	1.3	0
5	A flexible proximity sensor formed by duplex screen/screen-offset printing and its application to non-contact detection of human breathing. <i>Scientific Reports</i> , 2016, 6, 19947.	3.3	32
6	Printable Organic Light-Emitting Devices and Application for Optical Signal Transmission. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3228-3234.	0.9	2
7	Simultaneous formation of fine and large-area electrode patterns using screen-offset printing and its application to the patterning on adhesive materials. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 03DD01.	1.5	9
8	Continuous fine pattern formation by screen-offset printing using a silicone blanket. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 095021.	2.6	19
9	Fine electrode pattern formation by screen-offset printing technique. , 2014, , .		0
10	Development of large size dye-sensitized solar cell modules with high temperature durability. <i>Synthetic Metals</i> , 2009, 159, 2355-2357.	3.9	32
11	Growth and Luminescence Properties of Subsequently Grown $AlInN$ Layers on AlN Homoepitaxial Layers by Ammonia Gas Source Molecular Beam Epitaxy. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 3394-3396.	1.5	8
12	Growth and optical properties of AlN homoepitaxial layers grown by ammonia-source molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 2007, 301-302, 461-464.	1.5	9
13	Homoepitaxial Growth of GaN Layers by Reactive Molecular-Beam Epitaxy on Bulk GaN Single Crystals Prepared by Pressure-Controlled Solution Growth. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 7454-7457.	1.5	2
14	Characterizations of $In_xAl_yGa_{1-x-y}N$ alloy systems grown on GaN substrates by molecular-beam epitaxy. <i>Materials Science in Semiconductor Processing</i> , 2003, 6, 527-530.	4.0	6
15	Growth of homoepitaxial III-nitride layers on bulk GaN single crystals by molecular-beam epitaxy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 2124-2127.	0.8	0
16	Growth of homoepitaxial GaN layers and $GaN/AlGaN$ multiple quantum wells on GaN single-crystal substrates by molecular-beam epitaxy. , 2002, 4776, 97.		2
17	Characterization of capacitive-type epidermal moisture measurements using disposable printed electrode films. <i>Flexible and Printed Electronics</i> , 0, , .	2.7	0