

# Shiro Iwata

## List of Publications by Year in descending order

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17  
papers

156  
citations

1307594

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1199594

12  
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17  
all docs

17  
docs citations

17  
times ranked

219  
citing authors

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