

# Kazutaka Hayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

138  
citations

1478505

6  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding thermal expansion of pressurized silica glass using topological pruning of ring structures. Journal of the American Ceramic Society, 2021, 104, 114-127.	3.8	11
2	P43: Application of High Stiffness Glass Substrate for Multi-Functional Large Area Displays. Digest of Technical Papers SID International Symposium, 2020, 51, 1509-1512.	0.3	0
3	Thermal expansion of silicate glass-forming systems at high temperatures from topological pruning of ring structures. Journal of the American Ceramic Society, 2020, 103, 4256-4265.	3.8	10
4	Low-Loss Glass Substrates Formulated with a Variety of Dielectric Characteristics for Millimeter-Wave Applications. , 2019, , .		10
5	48: Impact of Carrier Glass Substrate Characteristics on Flexible OLED Display Production. Digest of Technical Papers SID International Symposium, 2019, 50, 660-663.	0.3	0
6	Understanding the molar volume of alkali-alkaline earth-silicate glasses via Voronoi polyhedra analysis. Scripta Materialia, 2019, 166, 1-5.	5.2	8
7	The Impact of Thermal Shrinkage of Glass Carriers on Achieving Fine Pitch Wiring Through Fan-Out WLP/PLP Process. , 2018, , .		3
8	82: Distinguished Paper: Glass Substrate for Micro Display Devices. Digest of Technical Papers SID International Symposium, 2017, 48, 1197-1200.	0.3	3
9	Carrier glass substrates for fan-out wafer/panel level packaging. , 2017, , .		1
10	Glass substrate for micro display devices. Journal of the Society for Information Display, 2017, 25, 71-75.	2.1	5
11	Development and Evaluation of Carrier Glass Substrate for Fan-Out WLP/PLP Process. , 2017, , .		2
12	P-54: Glass Substrate for LTPS-TFT with Precisely Controlled Thermal Shrinkage. Digest of Technical Papers SID International Symposium, 2016, 47, 1337-1340.	0.3	5
13	Product design for strong cover glass. Journal of the Society for Information Display, 2015, 23, 119-128.	2.1	1
14	P-63: Effect of Glass Substrate Characteristics on Pattern Tolerance in Inverted Staggered Type TFT Array Fabrication. Digest of Technical Papers SID International Symposium, 2015, 46, 1372-1374.	0.3	3
15	48.3: Novel Fracture Resistant Glass for Mobile Display Cover. Digest of Technical Papers SID International Symposium, 2014, 45, 693-696.	0.3	2
16	P192: Evaluation of Dimensional Stability during Low-Temperature Poly-Si TFT Fabrication Process Using an Ultra-Low Thermal Shrinkage Glass Substrate. Digest of Technical Papers SID International Symposium, 2014, 45, 1244-1247.	0.3	7
17	P-157L: Late-News Poster: Cover Glass for Mobile Devices. Digest of Technical Papers SID International Symposium, 2012, 43, 1584-1587.	0.3	6
18	Difference of cracking behavior due to Vickers indentation between physically and chemically tempered glasses. Journal of Non-Crystalline Solids, 2012, 358, 3438-3444.	3.1	54

#	ARTICLE	IF	CITATIONS
19	Graded index materials by the sol-gel process. , 1990, 1328, 133.		7