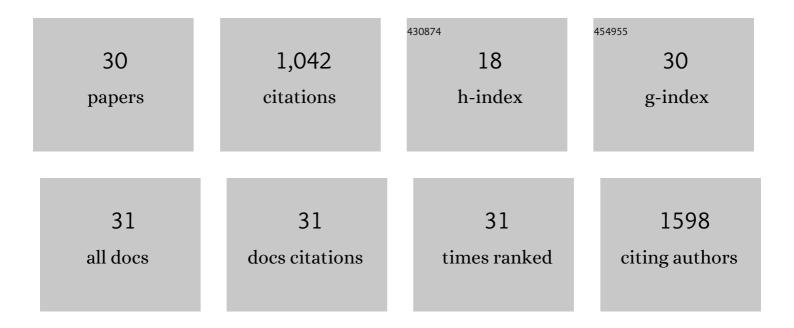
## Jun Ho Son

List of Publications by Year in descending order

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LUN HO SON

#	Article	IF	CITATIONS
1	Ultrafast photonic PCR. Light: Science and Applications, 2015, 4, e280-e280.	16.6	176
2	Input-Specific Plasticity and Homeostasis at the Drosophila Larval Neuromuscular Junction. Neuron, 2017, 93, 1388-1404.e10.	8.1	118
3	Strain engineering for the solution of efficiency droop in InGaN/GaN light-emitting diodes. Optics Express, 2010, 18, 5466.	3.4	76
4	Hemolysis-free blood plasma separation. Lab on A Chip, 2014, 14, 2287-2292.	6.0	74
5	Design Rule of Nanostructures in Lightâ€Emitting Diodes for Complete Elimination of Total Internal Reflection. Advanced Materials, 2012, 24, 2259-2262.	21.0	71
6	Single-Step LRET Aptasensor for Rapid Mycotoxin Detection. Analytical Chemistry, 2018, 90, 716-722.	6.5	49
7	Enhancing Light Emission of Nanostructured Vertical Lightâ€Emitting Diodes by Minimizing Total Internal Reflection. Advanced Functional Materials, 2012, 22, 632-639.	14.9	46
8	Rapid Optical Cavity PCR. Advanced Healthcare Materials, 2016, 5, 167-174.	7.6	41
9	Ultrafast laser-assisted synthesis of hydrogenated molybdenum oxides for flexible organic solar cells. Journal of Materials Chemistry A, 2016, 4, 4755-4762.	10.3	38
10	Spontaneously Formed Nanopatterns on Polymer Films for Flexible Organic Light-Emitting Diodes. Small, 2015, 11, 4480-4484.	10.0	34
11	Effects of Ni cladding layers on suppression of Ag agglomeration in Ag-based Ohmic contacts on p-GaN. Applied Physics Letters, 2009, 95, 062108.	3.3	33
12	Enhancement of light reflectance and thermal stability in Ag–Cu alloy contacts on p-type GaN. Applied Physics Letters, 2008, 93, 012102.	3.3	29
13	Numerical analysis of efficiency droop induced by piezoelectric polarization in InGaN/GaN light-emitting diodes. Applied Physics Letters, 2010, 97, 032109.	3.3	25
14	Effects of Mg Additive on Inhibition of Ag Agglomeration in Ag-Based Ohmic Contacts on p-GaN. Electrochemical and Solid-State Letters, 2010, 13, H173.	2.2	22
15	Formation of High-Quality Ag-Based Ohmic Contacts to p-Type GaN. Journal of the Electrochemical Society, 2008, 155, H563.	2.9	21
16	Enhancement of wall-plug efficiency in vertical InGaN/GaN LEDs by improved current spreading. Optics Express, 2012, 20, A287.	3.4	21
17	Highly reflective low resistance Ag-based Ohmic contacts on p-type GaN using Mg overlayer. Applied Physics Letters, 2007, 90, 012106.	3.3	19
18	Strain induced suppression of silver agglomeration of indium-containing silver contact. Applied Physics Letters, 2010, 96, .	3.3	19

Jun Ho Son

#	Article	IF	CITATIONS
19	The effect of localized surface plasmon resonance on the emission color change in organic light emitting diodes. Nanoscale, 2016, 8, 6463-6467.	5.6	19
20	Indium as an efficient ohmic contact to N-face n-GaN of GaN-based vertical light-emitting diodes. Applied Physics Letters, 2011, 99, 202106.	3.3	17
21	MgO nano-facet embedded silver-based dielectric/metal/dielectric transparent electrode. Optics Express, 2012, 20, 845.	3.4	15
22	Highly reflective Ag-Cu alloy-based ohmic contact on p-type GaN using Ru overlayer. Optics Letters, 2008, 33, 2907.	3.3	14
23	Domain Matching Epitaxy of Mg-Containing Ag Contact on <i>p</i> -Type GaN. Crystal Growth and Design, 2011, 11, 2559-2563.	3.0	12
24	Short range scattering effect of InAs quantum dots in the transport properties of two dimensional electron gas. Applied Physics Letters, 2007, 90, 152110.	3.3	11
25	Interfacial Band Bendings in Al Ohmic Contacts to Laser-Irradiated Ga-Face and N-Face n-GaN. Electrochemical and Solid-State Letters, 2009, 12, H405.	2.2	10
26	Design of Epitaxially Strained Ag Film for Durable Ag-Based Contact to p-Type GaN. Crystal Growth and Design, 2011, 11, 4943-4949.	3.0	10
27	MgO nano-pyramids structure for enhancement of light extraction efficiency in vertical light-emitting diodes. Optics Express, 2010, 18, A403.	3.4	9
28	Effects of W diffusion barrier on inhibition of AlN formation in Ti/W/Al ohmic contacts on N-face n-GaN. Applied Physics Letters, 2011, 99, 233502.	3.3	6
29	Effect of reflective p-type ohmic contact on thermal reliability of vertical InGaN/GaN LEDs. Electronic Materials Letters, 2014, 10, 1171-1174.	2.2	4
30	Modulation of surface plasmons coupling for enhancement of optical transmittance of silver-coated alkaline-earth metal films. Journal of Materials Chemistry, 2012, 22, 22859.	6.7	3