

# Young Mi Lee

## List of Publications by Year in descending order

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49  
papers

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393982

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395343

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docs citations

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times ranked

1326  
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#	ARTICLE	IF	CITATIONS
1	Bias effect on surface chemical states of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> hybrid perovskite single crystal: Decreasing CH <sub>3</sub> NH <sub>2</sub> molecular defect. Applied Surface Science, 2021, 542, 148536.	3.1	3
2	Clean interface without any intermixed state between ultra-thin P3 polymer and CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> hybrid perovskite thin film. Scientific Reports, 2019, 9, 10853.	1.6	4
3	Significant THz-wave absorption property in mixed $\text{A}^{\text{I}}$ - and $\text{A}^{\text{II}}$ -FAPbI <sub>3</sub> hybrid perovskite flexible thin film formed by sequential vacuum evaporation. Applied Physics Express, 2019, 12, 051003.	1.1	17
4	Significant THz absorption in CH <sub>3</sub> NH <sub>2</sub> molecular defect-incorporated organic-inorganic hybrid perovskite thin film. Scientific Reports, 2019, 9, 5811.	1.6	26
5	Formation of CH <sub>3</sub> NH <sub>2</sub> -incorporated intermediate state in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> hybrid perovskite thin film formed by sequential vacuum evaporation. Applied Physics Express, 2019, 12, 015501.	1.1	13
6	Surface Instability of Sn-Based Hybrid Perovskite Thin Film, CH <sub>3</sub> NH <sub>3</sub> SnI <sub>3</sub> : The Origin of Its Material Instability. Journal of Physical Chemistry Letters, 2018, 9, 2293-2297.	2.1	45
7	Comprehensive Understanding and Controlling the Defect Structures: An Effective Approach for Organic-Inorganic Hybrid Perovskite-Based Solar-Cell Application. Frontiers in Energy Research, 2018, 6, .	1.2	35
8	Two different phase-change origins with chemical- and structural-phase-changes in C doped (1.5 wt.%) In <sub>3</sub> Sb <sub>1</sub> Te <sub>2</sub> . Scientific Reports, 2016, 6, 38663.	1.6	3
9	The presence of CH <sub>3</sub> NH <sub>2</sub> neutral species in organometal halide perovskite films. Applied Physics Letters, 2016, 108, .	1.5	50
10	Carrier trapping and confinement in Ge nanocrystals surrounded by Ge <sub>3</sub> N <sub>4</sub> . Scientific Reports, 2016, 6, 25449.	1.6	7
11	Only the chemical state of Indium changes in Mn-doped In <sub>3</sub> Sb <sub>1</sub> Te <sub>2</sub> (Mn: 10 at.%) during multi-level resistance changes. Scientific Reports, 2015, 4, 4702.	1.6	1
12	Observations on Si-based micro-clusters embedded in TaN thin film deposited by co-sputtering with oxygen contamination. AIP Advances, 2015, 5, .	0.6	0
13	PRED treatment mediated stable and efficient water oxidation performance of the Fe <sub>2</sub> O <sub>3</sub> nano-coral structure. Nanoscale, 2015, 7, 14906-14913.	2.8	17
14	Effects of carbon doping on chemical states of amorphous Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> , measured with synchrotron radiation. Current Applied Physics, 2014, 14, 1421-1423.	1.1	8
15	Observation of chemical separation of In <sub>3</sub> Sb <sub>1</sub> Te <sub>2</sub> thin film during phase transition. Applied Surface Science, 2014, 292, 986-989.	3.1	6
16	Selective growth of pure magnetite thin films and/or nanowires grown in situ at a low temperature by pulsed laser deposition. Journal of Materials Chemistry C, 2013, 1, 1977.	2.7	11
17	Delivery of Twins. Seminars in Perinatology, 2012, 36, 195-200.	1.1	51
18	Hole Injection Enhancement by a WO <sub>3</sub> Interlayer in Inverted Organic Light-Emitting Diodes and Their Interfacial Electronic Structures. Journal of Physical Chemistry C, 2011, 115, 6599-6604.	1.5	29

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19	Characterization of Fe-doped In-Sb-Te (Fe: 10 at.%) material with individual electrical-phase-change and magnetic properties. AIP Advances, 2011, 1, 022150.	0.6	4
20	Nitrogen contribution to N-doped GeTe (N: 8.4Åat.%) in the structural phase transition. Current Applied Physics, 2011, 11, 710-713.	1.1	9
21	Growth morphology and energy level alignment of pentacene films on SiO <sub>2</sub> surface treated with self-assembled monolayer. Current Applied Physics, 2011, 11, 1168-1172.	1.1	14
22	The trapping of N <sub>2</sub> molecules and the reduction in its bonding length in Ge(001) due to N <sub>2</sub> <sup>+</sup> ion implantation. Journal of Applied Physics, 2011, 109, .	1.1	4
23	Chemical states and photoluminescence of Si <sub>0.3</sub> Ge <sub>0.7</sub> -nitride film formed by N <sub>2</sub> <sup>+</sup> gas. Applied Physics Letters, 2011, 99, 123103.	1.5	4
24	Chemical states of Bi-doped GeTe (Bi: 6Åat.%) thin film in structural phase transition investigated by synchrotron X-ray photoelectron spectroscopy. Current Applied Physics, 2010, 10, 1336-1339.	1.1	3
25	Temperature-dependent high-resolution X-ray photoelectron spectroscopic study on Ge <sub>1</sub> Sb <sub>2</sub> Te <sub>4</sub> . Thin Solid Films, 2010, 518, 5670-5672.	0.8	1
26	High-resolution X-ray photoelectron spectroscopy study of InTe thin film in structural phase transition from amorphous to crystalline phase. Thin Solid Films, 2010, 518, 4442-4445.	0.8	3
27	Spontaneous formation of Ge nanocrystals with the capping layer of Si <sub>3</sub> N <sub>4</sub> by N <sub>2</sub> <sup>+</sup> implantation and rapid thermal annealing. Thin Solid Films, 2010, 518, 6010-6014.	0.8	3
28	Surface Reaction of Sulfur-Containing Amino Acids on Cu(110). Langmuir, 2010, 26, 5632-5636.	1.6	13
29	Gap state formation by interfacial interaction between Al and 8-hydroxyquinolathium. Physical Chemistry Chemical Physics, 2010, 12, 9441.	1.3	4
30	Electron injection via pentacene thin films for efficient inverted organic light-emitting diodes. Applied Physics Letters, 2009, 95, 053301.	1.5	37
31	Chemical states of GeTe thin-film during structural phase-change by annealing in ultra-high vacuum. European Physical Journal B, 2008, 66, 171-174.	0.6	7
32	Cesarean Delivery on Maternal Request: the Impact on Mother and Newborn. Clinics in Perinatology, 2008, 35, 505-518.	0.8	19
33	Twin Chorionicity and the Risk of Stillbirth. Obstetrics and Gynecology, 2008, 111, 301-308.	1.2	111
34	Deposition sequence dependent variation in interfacial chemical reactions between 8-hydroxyquinolathium and Al. Applied Physics Letters, 2008, 93, .	1.5	8
35	Effect of indium on phase-change characteristics and local chemical states of In-Ge-Sb-Te alloys. Applied Physics Letters, 2008, 93, 021905.	1.5	22
36	Investigation of electronic structure of amorphous, metastable, and stable phases of Ge <sub>1</sub> Sb <sub>2</sub> Te <sub>4</sub> film by high-resolution x-ray photoemission spectroscopy. Applied Physics Letters, 2008, 92, 211913.	1.5	8

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37	Chemical state and atomic structure of Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> system for nonvolatile phase-change random access memory. Journal of Applied Physics, 2008, 104, 074911.	1.1	12
38	Cesarean delivery on maternal request: maternal and neonatal complications. Current Opinion in Obstetrics and Gynecology, 2008, 20, 597-601.	0.9	31
39	Two Crystal Structures of Ba <sup>2+</sup> - and Tl <sup>+</sup> -Exchanged Zeolite X, Ba <sub>30</sub> Tl <sub>32</sub> Si <sub>100</sub> Al <sub>92</sub> O <sub>384</sub> -FAU and Ba <sub>13</sub> Tl <sub>66</sub> Si <sub>100</sub> Al <sub>92</sub> O <sub>384</sub> -FAU. Journal of the Korean Physical Society, 2008, 52, 324-331.	0.3	1
40	Ge nitride formation in N-doped amorphous Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> . Applied Physics Letters, 2007, 91, .	1.5	76
41	Major fetal structural malformations: The role of new imaging modalities. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2007, 145C, 33-44.	0.7	16
42	The Impact of Multiple Gestations on Late Preterm (Near-Term) Births. Clinics in Perinatology, 2006, 33, 777-792.	0.8	34
43	Single crystal structure of fully dehydrated, excessively Cd <sup>2+</sup> -exchanged zeolite Y, $\text{Cd}_{27.5}(\text{Cd}_8\text{O}_4)_2[\text{Si}_{121}\text{Al}_{71}\text{O}_{384}]$ -FAU, containing clusters. Microporous and Mesoporous Materials, 2006, 88, 105-111.	2.2	51
44	Single crystal structure of fully dehydrated fully Tl <sup>+</sup> -exchanged zeolite Y, $\text{Tl}_{71}[\text{Si}_{121}\text{Al}_{71}\text{O}_{384}]$ -FAU. Microporous and Mesoporous Materials, 2006, 94, 313-319.	2.2	54
45	Antenatal sonographic prediction of twin chorionicity. American Journal of Obstetrics and Gynecology, 2006, 195, 863-867.	0.7	86
46	Multiple Gestations and Late Preterm (Near-Term) Deliveries. Seminars in Perinatology, 2006, 30, 103-112.	1.1	33
47	Observation of molecular nitrogen in N-doped Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> . Applied Physics Letters, 2006, 89, 243520.	1.5	60
48	Crystal Structure of an Ethylene Sorption Complex of Fully Vacuum-Dehydrated Fully Ag <sup>+</sup> -Exchanged Zeolite X (FAU). Silver Atoms Have Reduced Ethylene To Give CH <sub>2</sub> -Carbanions at Framework Oxide Vacancies. Journal of Physical Chemistry B, 2005, 109, 20137-20144.	1.2	37
49	Crystal Structures of the NO and N <sub>2</sub> O <sub>4</sub> Sorption Complexes of Fully Dehydrated Fully Cd <sup>2+</sup> -Exchanged Zeolite X (FAU): $\text{Cd}_{27.5}(\text{Cd}_8\text{O}_4)_2[\text{Si}_{121}\text{Al}_{71}\text{O}_{384}]$ -FAU. Coordination of Neutral NO and N <sub>2</sub> O <sub>4</sub> to Cd <sup>2+</sup> . Journal of Physical Chemistry B, 2005, 109, 4900-4908.	1.2	38