

# Seon-Hong Lee

## List of Publications by Year in descending order

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16  
papers

253  
citations

1162889

8  
h-index

1058333

14  
g-index

16  
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16  
docs citations

16  
times ranked

453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalysis and surface doping states of N-doped TiO <sub>x</sub> films prepared by reactive sputtering with dry air. <i>Applied Catalysis B: Environmental</i> , 2010, 93, 217-226.	10.8	62
2	Effect of oxygen and nitrogen concentration of nitrogen doped TiO <sub>x</sub> film as photocatalyst prepared by reactive sputtering. <i>Applied Catalysis A: General</i> , 2009, 371, 179-190.	2.2	45
3	A new approach to surface properties of solid electrolyte interphase on a graphite negative electrode. <i>Journal of Power Sources</i> , 2014, 247, 307-313.	4.0	44
4	Effect of substrate roughness and working pressure on photocatalyst of N-doped TiO films prepared by reactive sputtering with air. <i>Applied Surface Science</i> , 2015, 324, 339-348.	3.1	18
5	Surface failure analysis of AlCrN coating on WC substrate subjected to high-temperature oxidation in glass-molding machine. <i>Applied Surface Science</i> , 2018, 452, 210-216.	3.1	15
6	Surface analysis of the solid electrolyte interface formed by additives on graphite electrodes in Li-ion batteries using XPS, FE-EDS, and XRD-EDS techniques. <i>Surface and Interface Analysis</i> , 2014, 46, 570-576.	0.8	13
7	Preparation of N-Doped TiO <sub>x</sub> Films as Photocatalyst Using Reactive Sputtering with Dry Air. <i>Materials Transactions</i> , 2009, 50, 1805-1811.	0.4	12
8	Atomic structure and residual stress of carbon-doped TiMeN (Me = Zr, Al, and Cr) coatings on mechanical properties. <i>Ceramics International</i> , 2019, 45, 9192-9196.	2.3	11
9	Cobalt Incorporated Hydroxyapatite Catalyst for Water Oxidation. <i>ChemCatChem</i> , 2019, 11, 5425-5429.	1.8	10
10	Surface properties of fluoroethylene carbonate-derived solid electrolyte interface on graphite negative electrode by narrow-range cycling in cell formation process. <i>Applied Surface Science</i> , 2014, 322, 64-70.	3.1	8
11	Failure Analysis of Swelling in Prismatic Lithium-Ion Batteries During Their Cycle Life After Long-Term Storage. <i>Journal of Failure Analysis and Prevention</i> , 2018, 18, 554-561.	0.5	6
12	Investigation of short-term, high-temperature oxidation of AlCrN coating on WC substrate. <i>Applied Surface Science</i> , 2020, 505, 144587.	3.1	6
13	Reduced Graphene Oxide Supported Cobalt-Calcium Phosphate Composite for Electrochemical Water Oxidation. <i>Catalysts</i> , 2021, 11, 960.	1.6	2
14	Investigation on failure analysis and optimization of WC-Co hard metals after long-term use in a bottle cap forming machine. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018, 74, 99-106.	1.7	1
15	Concurrent occurrence of electrochemical dissolution/deposition of cobalt-calcium phosphate composite. <i>RSC Advances</i> , 2021, 11, 28342-28346.	1.7	0
16	Characteristics of Plasma Sprayed BSCCO Superconductor Coatings with Annealing Time After Partial Melt Process. <i>Korean Journal of Materials Research</i> , 2014, 24, 116-122.	0.1	0