Seunghyun Ko

List of Publications by Year
in descending order

17	455	687363 13	888059 17
papers	citations	h-index	g-index

18	18	18	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of synthetic graphite from waste PET plastic. Journal of Industrial and Engineering Chemistry, 2020, 83, 449-458.	5.8	70
2	Free-standing molybdenum disulfide/graphene composite paper as a binder- and carbon-free anode for lithium-ion batteries. Journal of Power Sources, 2015, 288, 76-81.	7.8	59
3	Enhanced charge storage by optimization of pore structure in nanocomposite between ordered mesoporous carbon and nanosized WO3â‚‚. Journal of Power Sources, 2013, 244, 777-782.	7.8	42
4	Evaluating the stabilization of isotropic pitch fibers for optimal tensile properties of carbon fibers. Journal of Industrial and Engineering Chemistry, 2017, 45, 316-322.	5.8	38
5	Preparation of isotropic pitch precursor for pitch-based carbon fiber through the co-carbonization of ethylene bottom oil and polyvinyl chloride. Journal of Industrial and Engineering Chemistry, 2018, 67, 276-283.	5.8	34
6	Modified oxidative thermal treatment for the preparation of isotropic pitch towards cost-competitive carbon fiber. Journal of Industrial and Engineering Chemistry, 2017, 54, 252-261.	5.8	30
7	Effects of stabilization variables on mechanical properties of isotropic pitch based carbon fibers. Journal of Industrial and Engineering Chemistry, 2018, 58, 349-356.	5.8	28
8	Structural evolution of pitch fibers during low temperature carbonization. Journal of Analytical and Applied Pyrolysis, 2018, 136, 153-159.	5.5	27
9	Preparation of petroleum-based mesophase pitch toward cost-competitive high-performance carbon fibers. Carbon Letters, 2020, 30, 35-44.	5.9	27
10	Shortening Stabilization Time Using Pressurized Air Flow in Manufacturing Mesophase Pitch-Based Carbon Fiber. Polymers, 2019, 11, 1911.	4.5	19
11	A Co-free layered LiNi0.7Mn0.3O2 cathode material for high-energy and long-life lithium-ion batteries. Journal of Alloys and Compounds, 2014, 613, 96-101.	5.5	16
12	Preparation of petroleum impregnating pitches from pyrolysis fuel oil using two-step heat treatments. Carbon Letters, 2019, 29, 369-376.	5.9	15
13	Petrochemical-waste-derived high-performance anode material for Li-ion batteries. Journal of Industrial and Engineering Chemistry, 2016, 36, 125-131.	5.8	14
14	Effect of the pre-treated pyrolysis fuel oil: coal tar pitch ratio on the spinnability and oxidation properties of isotropic pitch precursors and the mechanical properties of derived carbon fibers. Carbon Letters, 2019, 29, 193-202.	5.9	14
15	Improved understanding of the molecular structure of pyrolysis fuel oil: towards its utilization as a raw material for mesophase pitch synthesis. Carbon Letters, 2019, 29, 307-317.	5.9	12
16	Highly Chlorinated Polyvinyl Chloride as a Novel Precursor for Fibrous Carbon Material. Polymers, 2020, 12, 328.	4.5	6
17	Anisotropic phase transition via high temperature thin-layer evaporation of a petroleum-based isotropic pitch. Journal of Industrial and Engineering Chemistry, 2021, 95, 92-100.	5.8	4