

Seunghyun Ko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2905538/publications.pdf>

Version: 2024-02-01

17
papers

455
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic phase transition via high temperature thin-layer evaporation of a petroleum-based isotropic pitch. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 95, 92-100.	5.8	4
2	Preparation of petroleum-based mesophase pitch toward cost-competitive high-performance carbon fibers. <i>Carbon Letters</i> , 2020, 30, 35-44.	5.9	27
3	Preparation of synthetic graphite from waste PET plastic. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 449-458.	5.8	70
4	Highly Chlorinated Polyvinyl Chloride as a Novel Precursor for Fibrous Carbon Material. <i>Polymers</i> , 2020, 12, 328.	4.5	6
5	Preparation of petroleum impregnating pitches from pyrolysis fuel oil using two-step heat treatments. <i>Carbon Letters</i> , 2019, 29, 369-376.	5.9	15
6	Improved understanding of the molecular structure of pyrolysis fuel oil: towards its utilization as a raw material for mesophase pitch synthesis. <i>Carbon Letters</i> , 2019, 29, 307-317.	5.9	12
7	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. <i>Carbon Letters</i> , 2019, 29, 193-202.	5.9	14
8	Shortening Stabilization Time Using Pressurized Air Flow in Manufacturing Mesophase Pitch-Based Carbon Fiber. <i>Polymers</i> , 2019, 11, 1911.	4.5	19
9	Effects of stabilization variables on mechanical properties of isotropic pitch based carbon fibers. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 58, 349-356.	5.8	28
10	Structural evolution of pitch fibers during low temperature carbonization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 136, 153-159.	5.5	27
11	Preparation of isotropic pitch precursor for pitch-based carbon fiber through the co-carbonization of ethylene bottom oil and polyvinyl chloride. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 276-283.	5.8	34
12	Modified oxidative thermal treatment for the preparation of isotropic pitch towards cost-competitive carbon fiber. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 252-261.	5.8	30
13	Evaluating the stabilization of isotropic pitch fibers for optimal tensile properties of carbon fibers. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 316-322.	5.8	38
14	Petrochemical-waste-derived high-performance anode material for Li-ion batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 36, 125-131.	5.8	14
15	Free-standing molybdenum disulfide/graphene composite paper as a binder- and carbon-free anode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2015, 288, 76-81.	7.8	59
16	A Co-free layered LiNi _{0.7} Mn _{0.3} O ₂ cathode material for high-energy and long-life lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 613, 96-101.	5.5	16
17	Enhanced charge storage by optimization of pore structure in nanocomposite between ordered mesoporous carbon and nanosized WO ₃ . <i>Journal of Power Sources</i> , 2013, 244, 777-782.	7.8	42