

Soon Gu Kwon

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9544729/soon-gu-kwon-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

7,374
citations

27
h-index

37
g-index

37
ext. papers

8,047
ext. citations

16.4
avg, IF

5.8
L-index

#	Paper	IF	Citations
34	Design Principle of Fe-N-C Electrocatalysts: How to Optimize Multimodal Porous Structures?. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2035-2045	16.4	240
33	Microscopic States and the Verwey Transition of Magnetite Nanocrystals Investigated by Nuclear Magnetic Resonance. <i>Nano Letters</i> , 2018 , 18, 1745-1750	11.5	7
32	In Situ X-Ray Absorption Spectroscopy Studies of Functional Nanomaterials 2018 , 159-188		1
31	Giant thermal hysteresis in Verwey transition of single domain FeO nanoparticles. <i>Scientific Reports</i> , 2018 , 8, 5092	4.9	8
30	Synthesis and Biomedical Applications of Multifunctional Nanoparticles. <i>Advanced Materials</i> , 2018 , 30, e1802309	24	154
29	Large-Scale Synthesis of Carbon-Shell-Coated FeP Nanoparticles for Robust Hydrogen Evolution Reaction Electrocatalyst. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6669-6674	16.4	369
28	Nonclassical nucleation and growth of inorganic nanoparticles. <i>Nature Reviews Materials</i> , 2016 , 1,	73.3	240
27	Oxidation Induced Doping of Nanoparticles Revealed by in Situ X-ray Absorption Studies. <i>Nano Letters</i> , 2016 , 16, 3738-47	11.5	22
26	Size Dependence of Metal-Insulator Transition in Stoichiometric Fe ₃ O ₄ Nanocrystals. <i>Nano Letters</i> , 2015 , 15, 4337-42	11.5	77
25	Route to the Smallest Doped Semiconductor: Mn(2+)-Doped (CdSe) ₁₃ Clusters. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12776-9	16.4	69
24	Hybrid Cellular Nanosheets for High-Performance Lithium-Ion Battery Anodes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11954-61	16.4	100
23	Evolution of self-assembled ZnTe magic-sized nanoclusters. <i>Journal of the American Chemical Society</i> , 2015 , 137, 742-9	16.4	43
22	Heterogeneous nucleation and shape transformation of multicomponent metallic nanostructures. <i>Nature Materials</i> , 2015 , 14, 215-23	27	155
21	Highly Durable and Active PtFe Nanocatalyst for Electrochemical Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15478-85	16.4	393
20	Preparation of uniform carbon nanoshell coated monodispersed iron oxide nanocrystals as an anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014 , 136, 47-51	6.7	7
19	Sizing by weighing: characterizing sizes of ultrasmall-sized iron oxide nanocrystals using MALDI-TOF mass spectrometry. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2407-10	16.4	46
18	How "hollow" are hollow nanoparticles?. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2435-8	16.4	27

17	Capping ligands as selectivity switchers in hydrogenation reactions. <i>Nano Letters</i> , 2012 , 12, 5382-8	11.5	124
16	Dimension-controlled synthesis of CdS nanocrystals: from 0D quantum dots to 2D nanoplates. <i>Small</i> , 2012 , 8, 2394-402	11	87
15	Large-scale synthesis of ultra-small-sized silver nanoparticles. <i>ChemPhysChem</i> , 2012 , 13, 2540-3	3.2	39
14	Large-scale synthesis of uniform and extremely small-sized iron oxide nanoparticles for high-resolution T1 magnetic resonance imaging contrast agents. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12624-31	16.4	691
13	Formation mechanisms of uniform nanocrystals via hot-injection and heat-up methods. <i>Small</i> , 2011 , 7, 2685-702	11	402
12	Colloidal synthesis of ultrathin two-dimensional semiconductor nanocrystals. <i>Advanced Materials</i> , 2011 , 23, 3214-9	24	113
11	Large-scale soft colloidal template synthesis of 1.4 nm thick CdSe nanosheets. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6861-4	16.4	281
10	Kinetics of Colloidal Chemical Synthesis of Monodisperse Spherical Nanocrystals 2009 , 127-153		0
9	Simple and generalized synthesis of oxide-metal heterostructured nanoparticles and their applications in multimodal biomedical probes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15573-80	16.4	156
8	Synthesis of uniform hollow oxide nanoparticles through nanoscale acid etching. <i>Nano Letters</i> , 2008 , 8, 4252-8	11.5	192
7	Large-scale assembly of silicon nanowire network-based devices using conventional microfabrication facilities. <i>Nano Letters</i> , 2008 , 8, 4523-7	11.5	108
6	Colloidal chemical synthesis and formation kinetics of uniformly sized nanocrystals of metals, oxides, and chalcogenides. <i>Accounts of Chemical Research</i> , 2008 , 41, 1696-709	24.3	388
5	Synthesis of monodisperse spherical nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4630-60	16.4	1613
4	Kinetics of monodisperse iron oxide nanocrystal formation by "heating-up" process. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12571-84	16.4	374
3	Low-temperature solution-phase synthesis of quantum well structured CdSe nanoribbons. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5632-3	16.4	250
2	Large-scale synthesis of TiO ₂ nanorods via nonhydrolytic sol-gel ester elimination reaction and their application to photocatalytic inactivation of E. coli. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15297-302	24	349
1	Synthesis of ZnO Nanocrystals with Cone, Hexagonal Cone, and Rod Shapes via Non-Hydrolytic Ester Elimination Sol-Gel Reactions. <i>Advanced Materials</i> , 2005 , 17, 1873-1877	24	246