

Tae-jin Park

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1944263/tae-jin-park-publications-by-citations.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.

28

papers

2,281

citations

14

h-index

31

g-index

31

ext. papers

2,436

ext. citations

4.6

avg, IF

4.53

L-index

#	Paper	IF	Citations
28	Size-dependent magnetic properties of single-crystalline multiferroic BiFeO ₃ nanoparticles. <i>Nano Letters</i> , 2007 , 7, 766-72	11.5	1005
27	Environmentally friendly methodologies of nanostructure synthesis. <i>Small</i> , 2007 , 3, 1122-39	11	276
26	Purification strategies and purity visualization techniques for single-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2006 , 16, 141-154		195
25	Synthesis of classes of ternary metal oxide nanostructures. <i>Chemical Communications</i> , 2005 , 5721-35	5.8	148
24	Composition-dependent magnetic properties of BiFeO ₃ -BaTiO ₃ solid solution nanostructures. <i>Physical Review B</i> , 2010 , 82,	3.3	105
23	Synthesis and characterization of multiferroic BiFeO ₃ nanotubes. <i>Chemical Communications</i> , 2004 , 2708-98	3.8	95
22	Synthesis and characterization of submicron single-crystalline Bi ₂ Fe ₄ O ₉ cubes. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2099		91
21	Electronic Structure and Chemistry of Iron-Based Metal Oxide Nanostructured Materials: A NEXAFS Investigation of BiFeO ₃ , Bi ₂ Fe ₄ O ₉ , Fe ₂ O ₃ , FeFe ₂ O ₃ , and Fe/Fe ₃ O ₄ . <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10359-10369	3.8	75
20	Surface phase transitions in BiFeO ₃ below room temperature. <i>Physical Review B</i> , 2012 , 85,	3.3	59
19	As-Prepared Single-Crystalline Hematite Rhombohedra and Subsequent Conversion into Monodisperse Aggregates of Magnetic Nanocomposites of Iron and Magnetite. <i>Chemistry of Materials</i> , 2006 , 18, 5289-5295	9.6	43
18	Shape-dependent surface energetics of nanocrystalline TiO ₂ . <i>Journal of Materials Chemistry</i> , 2010 , 20, 8639		33
17	Green Synthesis and Property Characterization of Single-Crystalline Perovskite Fluoride Nanorods. <i>Advanced Functional Materials</i> , 2008 , 18, 103-112	15.6	32
16	Low temperature heat capacity study of Ba ₂ TiSi ₂ O ₈ and Sr ₂ TiSi ₂ O ₈ . <i>Journal of Chemical Thermodynamics</i> , 2014 , 72, 77-84	2.9	28
15	Synthesis, characterization, and photocatalytic properties of pyrochlore Bi ₂ Ti ₂ O ₇ nanotubes. <i>Journal of Materials Research</i> , 2006 , 21, 2941-2947	2.5	25
14	Thermochemistry and Aqueous Durability of Ternary Glass Forming Ba-Titanosilicates: Fresnoite (Ba ₂ TiSi ₂ O ₈) and Ba-Titanite (BaTiSiO ₅). <i>Journal of the American Ceramic Society</i> , 2009 , 92, 2053-2058	3.8	13
13	Magnetic and Mössbauer characterization of the magnetic properties of single-crystalline sub-micron sized Bi ₂ Fe ₄ O ₉ cubes. <i>Current Applied Physics</i> , 2015 , 15, 417-422	2.6	12
12	The synthesized and thermally modified Mn ₂ O ₃ /BiFeOOH composite in persulfate system: Its role to discolor methylene blue. <i>Applied Surface Science</i> , 2014 , 301, 576-583	6.7	10

11	The Effect of Vacancy and Barium Substitution on the Stability of the Cesium Titanium Silicate Pollucite. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 3053-3059	3.8	8
10	The Crystallization of Ba-Substituted CsTiSi ₂ O _{6.5} Pollucite Using CsTiSi ₂ O _{6.5} Seed Crystals. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 2144-2146	3.8	8
9	Thermochemistry and Crystallization of Glass-Forming Y-Substituted Sr-Analogues of Fresnoite (Sr ₂ TiSi ₂ O ₈). <i>Journal of the American Ceramic Society</i> , 2010 , 93, 2055	3.8	7
8	Thermochemistry of glass forming Y-substituted Sr-analogues of titanite (SrTiSiO ₅). <i>Journal of Materials Research</i> , 2009 , 24, 3380-3386	2.5	5
7	Facile Aqueous-Phase Synthesis of Magnetic Iron Oxide Nanoparticles to Enhance the Removal of Iodine from Water. <i>Science of Advanced Materials</i> , 2017 , 9, 1847-1853	2.3	4
6	Sorption characteristics of iodide on chalcocite and mackinawite under pH variations in alkaline conditions. <i>Nuclear Engineering and Technology</i> , 2019 , 51, 1041-1046	2.6	1
5	Thermal behavior of groundwater-saturated Korean buffer under the elevated temperature conditions: In-situ synchrotron X-ray powder diffraction study for the montmorillonite in Korean bentonite. <i>Nuclear Engineering and Technology</i> , 2021 , 53, 1511-1518	2.6	1
4	Thermal conductivity evaluation for bentonite buffer materials under elevated temperature conditions. <i>Case Studies in Thermal Engineering</i> , 2022 , 30, 101792	5.6	0
3	Development of a natural analogue database to support the safety case of the Korean radioactive waste disposal program. <i>Swiss Journal of Geosciences</i> , 2015 , 108, 139-146	2.1	
2	Sorption Characteristics of Strontium and Nickel on Mackinawite According to pH Variations in Alkaline Conditions. <i>Journal of Nuclear Fuel Cycle and Waste Technology</i> , 2020 , 18, 73-81	0.3	
1	Conceptual Design of Sandglass-like Separator for Immobilized Anionic Radionuclides Using Particle Tracking Based on Computational Fluid Dynamics. <i>Journal of Nuclear Fuel Cycle and Waste Technology</i> , 2020 , 18, 363-372	0.3	