

# Sungjin Park

## List of Publications by Citations

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

17  
papers

110  
citations

5  
h-index

10  
g-index

19  
ext. papers

152  
ext. citations

3.8  
avg, IF

2.48  
L-index

#	Paper	IF	Citations
17	Borane-modified graphene-based materials as CO <sub>2</sub> adsorbents. <i>Carbon</i> , <b>2014</b> , 79, 450-456	10.4	42
16	Fine tuning of Fermi level by charged impurity-defect cluster formation and thermoelectric properties in n-type PbTe-based compounds. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 16488-16500	13	14
15	Hybrid-Functional and Quasi-Particle Calculations of Band Structures of Mg <sub>2</sub> Si, Mg <sub>2</sub> Ge, and Mg <sub>2</sub> Sn. <i>Journal of the Korean Physical Society</i> , <b>2019</b> , 75, 144-152	0.6	12
14	Control of CO Capture Process on Transition-Metal-Porphyrin-like Graphene with Mechanical Strain. <i>ACS Omega</i> , <b>2018</b> , 3, 10554-10563	3.9	6
13	Control of oxygen content of n-type Bi <sub>2</sub> Te <sub>3</sub> based compounds by sintering process and their thermoelectric properties. <i>Materials Letters</i> , <b>2018</b> , 230, 211-214	3.3	5
12	4He adsorption on a H(2)-plated C <sub>20</sub> molecular surface: the formation of helium buckyballs. <i>Physical Review E</i> , <b>2014</b> , 89, 042118	2.4	5
11	Native point defects and low p-doping efficiency in Mg <sub>2</sub> (Si,Sn) solid solutions: A hybrid-density functional study. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 853, 157145	5.7	5
10	On the relevance of point defects for the selection of contacting electrodes: Ag as an example for Mg <sub>2</sub> (Si,Sn)-based thermoelectric generators. <i>Materials Today Physics</i> , <b>2021</b> , 16, 100309	8	5
9	Anisotropic superfluidity of (4)He on a C <sub>36</sub> fullerene molecule. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 104311	3.9	4
8	Effect of defect interactions with interstitial Ag in the lattice of Bi <sub>x</sub> Sb <sub>2-x</sub> Te <sub>3</sub> alloys and their thermoelectric properties. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 052102	3.4	4
7	Thermoelectric Properties of Off-Stoichiometric Bi <sub>2</sub> Te <sub>2</sub> Se Compounds. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 5308-5316	1.9	3
6	Interlayer correlation between two He <sub>4</sub> monolayers adsorbed on both sides of Egraphyne. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	3
5	Entropy stabilized off-stoichiometric cubic ECu <sub>1-x</sub> phase containing high-density Cu vacancies. <i>AIP Advances</i> , <b>2021</b> , 11, 095018	1.5	1
4	4He adsorption on a single C <sub>40</sub> molecule: Path integral Monte Carlo study. <i>Journal of the Korean Physical Society</i> , <b>2018</b> , 72, 95-100	0.6	
3	Path-integral Monte Carlo study of asymmetric quantum quadrupolar rotors with fourth-order propagators. <i>Journal of the Korean Physical Society</i> , <b>2012</b> , 61, 513-517	0.6	
2	Anomalous ferromagnetism in manganites by finite block spin phenomenology. <i>Solid State Communications</i> , <b>2010</b> , 150, 2178-2181	1.6	
1	Structural Analysis, Phase Stability, Electronic Band Structures, and Electric Transport Types of (Bi <sub>2</sub> ) <sub>m</sub> (Bi <sub>2</sub> Te <sub>3</sub> ) <sub>n</sub> by Density Functional Theory Calculations. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11341 <sup>2,6</sup>		

