

# Sang Hyun Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11553120/publications.pdf>

Version: 2024-02-01

9  
papers

144  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of pH-dependent removal mechanisms of lead and arsenic by basic oxygen furnace slag: Relative contribution of precipitation and adsorption. <i>Journal of Cleaner Production</i> , 2021, 279, 123451.	9.3	36
2	Inhibition of urea hydrolysis by free Cu concentration of soil solution in microbially induced calcium carbonate precipitation. <i>Science of the Total Environment</i> , 2020, 740, 140194.	8.0	29
3	Application of microbially induced calcite precipitation to prevent soil loss by rainfall: effect of particle size and organic matter content. <i>Journal of Soils and Sediments</i> , 2021, 21, 2744-2754.	3.0	24
4	Stabilization mechanism of arsenic in mine waste using basic oxygen furnace slag: The role of water contents on stabilization efficiency. <i>Chemosphere</i> , 2018, 208, 916-921.	8.2	14
5	Effect of Calcium Organic Additives on the Self-Healing of Concrete Microcracks in the Presence of a New Isolate <i>Bacillus</i> sp. BY1. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, 04019227.	2.9	11
6	Mechanism for alkaline leachate reduction through calcium carbonate precipitation on basic oxygen furnace slag by different carbonate sources: Application of NaHCO <sub>3</sub> and CO <sub>2</sub> gas. <i>Waste Management</i> , 2020, 103, 122-127.	7.4	10
7	Effect of neutralizing agents on the type of As co-precipitates formed by in situ Fe oxides synthesis and its impact on the bioaccessibility of As in soil. <i>Science of the Total Environment</i> , 2020, 743, 140686.	8.0	9
8	Contribution of precipitation and adsorption on stabilization of Pb in mine waste by basic oxygen furnace slag and the stability of Pb under reductive condition. <i>Chemosphere</i> , 2021, 263, 128337.	8.2	8
9	Reduction of bioaccessibility of As in soil through in situ formation of amorphous Fe oxides and its long-term stability. <i>Science of the Total Environment</i> , 2020, 745, 140989.	8.0	3