## Dereck Nills Ferreira Muche

List of Publications by Year in descending order

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1937685 1872680 6 84 4 6 citations g-index h-index papers 7 7 7 87 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Role of Cocatalysts on Hematite Photoanodes in Photoelectrocatalytic Water Splitting: Challenges and Future Perspectives. ChemCatChem, 2020, 12, 3156-3169.	3.7	35
2	High temperature activation of hematite nanorods for sunlight driven water oxidation reaction. Physical Chemistry Chemical Physics, 2017, 19, 25025-25032.	2.8	23
3	Interface engineering of nanoceramic hematite photoelectrode for solar energy conversion. Journal of the American Ceramic Society, 2020, 103, 6833-6846.	3.8	14
4	Thermodynamics of smart bubbles: The role of interfacial energies in porous ceramic production and non-metallic inclusion removal. Ceramics International, 2021, 47, 14216-14225.	4.8	6
5	Development of porous refractory ceramic plugs: Will the next generation be 3D printed?. Ceramics International, 2021, 47, 26350-26356.	4.8	3
6	Bubble generation in refractory porous plugs: The role of the ceramic surface composition. International Journal of Ceramic Engineering & Science, 2022, 4, 199-210.	1.2	3