

Sonia Jaskaniec

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

236
citations

1162889

8
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature synthesis and investigation into the formation mechanism of high quality Ni-Fe layered double hydroxides hexagonal platelets. Scientific Reports, 2018, 8, 4179.	1.6	56
2	Structural transformation of layered double hydroxides: an in situ TEM analysis. Npj 2D Materials and Applications, 2018, 2, .	3.9	53
3	Liquid phase exfoliation of MoO ₂ nanosheets for lithium ion battery applications. Nanoscale Advances, 2019, 1, 1560-1570.	2.2	35
4	Layered Double Hydroxide as a Potent Non-viral Vector for Nucleic Acid Delivery Using Gene-Activated Scaffolds for Tissue Regeneration Applications. Pharmaceutics, 2020, 12, 1219.	2.0	26
5	Oxygen evolution catalysts under proton exchange membrane conditions in a conventional three electrode cell <i>vs.</i> electrolyser device: a comparison study and a 3D-printed electrolyser for academic labs. Journal of Materials Chemistry A, 2021, 9, 9113-9123.	5.2	24
6	Postsynthetic treatment of nickel-iron layered double hydroxides for the optimum catalysis of the oxygen evolution reaction. Npj 2D Materials and Applications, 2021, 5, .	3.9	12
7	Adsorption of n-alkanes in ZIF-8: Influence of crystal size and framework dynamics. Microporous and Mesoporous Materials, 2021, 312, 110730.	2.2	11
8	Solvent engineered synthesis of layered SnO for high-performance anodes. Npj 2D Materials and Applications, 2021, 5, .	3.9	11
9	TEM and EELS characterization of Ni-Fe layered double hydroxide decompositions caused by electron beam irradiation. Npj 2D Materials and Applications, 2021, 5, .	3.9	8
10	Characterizing the Calcination Behaviors of Ni-Fe Layered Double Hydroxide Materials via In-situ Transmission Electron Microscopy. Microscopy and Microanalysis, 2018, 24, 1878-1879.	0.2	0