

# Maria Gombotz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4223057/publications.pdf>

Version: 2024-02-01

11  
papers

150  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Effects of Anion Substitution and Nanoconfinement on the Ionic Conductivity of Li-Based Complex Hydrides. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2806-2816.	3.1	32
2	Li-Ion Diffusion in Nanoconfined $\text{LiBH}_4\text{-LiI/Al}_2\text{O}_3$ : From 2D Bulk Transport to 3D Long-Range Interfacial Dynamics. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 38570-38583.	8.0	26
3	Fast Li Ion Dynamics in the Mechanothesized Nanostructured Form of the Solid Electrolyte $\text{Li}_3\text{YBr}_6$ . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 743-755.	6.7	24
4	Heterogeneous F anion transport, local dynamics and electrochemical stability of nanocrystalline $\text{La}^{1-x}\text{Ba}_x\text{F}_3$ . <i>Energy Storage Materials</i> , 2019, 16, 481-490.	18.0	20
5	Spatial confinement of rapid 2D $\text{F}^{2-}$ diffusion in micro- and nanocrystalline $\text{RbSn}_2\text{F}_5$ . <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1872-1883.	2.8	15
6	Rapid Low-Dimensional $\text{Li}^+$ Ion Hopping Processes in Synthetic Hectorite-Type $\text{Li}_{0.5}[\text{Mg}_{2.5}\text{Li}_{0.5}]\text{Si}_4\text{O}_{10}\text{F}_2$ . <i>Chemistry of Materials</i> , 2020, 32, 7445-7457.	6.7	12
7	Fluoride-Ion Batteries: On the Electrochemical Stability of Nanocrystalline $\text{La}_{0.9}\text{Ba}_{0.1}\text{F}_{2.9}$ against Metal Electrodes. <i>Nanomaterials</i> , 2019, 9, 1517.	4.1	11
8	Lithium ion transport in micro- and nanocrystalline lithium sulphide $\text{Li}_2\text{S}$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2022, 77, 397-404.	0.7	5
9	F anion transport in nanocrystalline $\text{SmF}_3$ and in mechanothesized, vacancy-rich $\text{Sm}_{1-x}\text{Ba}_x\text{F}_3$ . <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, .	2.8	3
10	Lithium-Ion Transport in Nanocrystalline Spinel-Type $\text{Li}[\text{In}_x\text{Li}_y]\text{Br}_4$ as Seen by Conductivity Spectroscopy and NMR. <i>Frontiers in Chemistry</i> , 2020, 8, 100.	3.6	1
11	Ionic transport in $\text{K}_2\text{Ti}_6\text{O}_{13}$ . <i>Zeitschrift Fur Physikalische Chemie</i> , 2022, .	2.8	1