Federico Maria Paruzzo

List of Publications by Year
in descending order

10 papers	395 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	622 citing authors

#	Article	IF	Citations
1	Chemical shifts in molecular solids by machine learning. Nature Communications, 2018, 9, 4501.	12.8	170
2	Rapid Structure Determination of Molecular Solids Using Chemical Shifts Directed by Unambiguous Prior Constraints. Journal of the American Chemical Society, 2019, 141, 16624-16634.	13.7	47
3	Structure elucidation of a complex CO_2-based organic framework material by NMR crystallography. Chemical Science, 2016, 7, 4379-4390.	7.4	39
4	A Bayesian approach to NMR crystal structure determination. Physical Chemistry Chemical Physics, 2019, 21, 23385-23400.	2.8	39
5	Structure determination of an amorphous drug through large-scale NMR predictions. Nature Communications, 2021, 12, 2964.	12.8	35
6	High-resolution 1H NMR of powdered solids by homonuclear dipolar decoupling. Journal of Magnetic Resonance, 2019, 309, 106598.	2.1	22
7	Homonuclear Decoupling in [1]Hâ€¦NMR of Solids by Remote Correlation. Angewandte Chemie - International Edition, 2020, 59, 6235-6238.	13.8	22
8	Line narrowing in 1H NMR of powdered organic solids with TOP-CT-MAS experiments at ultra-fast MAS. Journal of Magnetic Resonance, 2019, 305, 131-137.	2.1	13
9	Refocused linewidths less than 10â€‰Hz in 1H solid-state NMR. Journal of Magnetic Resonance, 2018, 293, 41-46.	2.1	5
10	Homonuclear Decoupling in 1 Hâ€¦NMR of Solids by Remote Correlation. Angewandte Chemie, 2020, 132, 6294-6297.	2.0	3