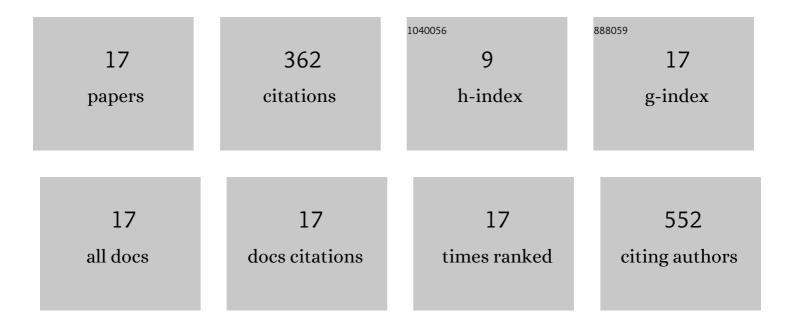
Nicolas R De Souza

List of Publications by Year in descending order

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NICOLAS P. DE SOUZA

#	Article	IF	CITATIONS
1	Improved flame-retardant properties of polydimethylsiloxane/multi-walled carbon nanotube nanocomposites. Journal of Materials Science, 2021, 56, 2192-2211.	3.7	18
2	Neutron scattering quantification of unfrozen pore water in frozen mud. Microporous and Mesoporous Materials, 2021, 324, 111267.	4.4	7
3	Investigations of structural and dynamical mechanisms of ice formation regulated by graphene oxide nanosheets. Structural Dynamics, 2021, 8, 054901.	2.3	5
4	Structure and Dynamics in Mg ²⁺ -Stabilized γ-Na ₃ PO ₄ . Journal of the American Chemical Society, 2021, 143, 17079-17089.	13.7	4
5	Insights into the Fast Sodium Conductor NASICON and the Effects of Mg ²⁺ Doping on Na ⁺ Conductivity. Chemistry of Materials, 2021, 33, 8768-8774.	6.7	5
6	Effect of red blood cell shape changes on haemoglobin interactions and dynamics: a neutron scattering study. Royal Society Open Science, 2020, 7, 201507.	2.4	6
7	PDMS/MWCNT nanocomposite films for underwater sound absorption applications. Journal of Materials Science, 2020, 55, 5048-5063.	3.7	27
8	Boson peak in ultrathin alumina layers investigated with neutron spectroscopy. Physical Review Research, 2020, 2, .	3.6	6
9	Time-Disordered Crystal Structure of AlPO ₄ -5. Journal of Physical Chemistry C, 2017, 121, 18762-18770.	3.1	4
10	EMU: High-Resolution Backscattering Spectrometer at ANSTO. Neutron News, 2016, 27, 20-21.	0.2	23
11	The free-energy barrier to hydride transfer across a dipalladium complex. Faraday Discussions, 2015, 177, 99-109.	3.2	6
12	Structure of Metalloâ€&upramolecular Micellar Gels. Macromolecular Chemistry and Physics, 2013, 214, 1699-1709.	2.2	9
13	Polymer Dynamics in Nanochannels of Porous Silicon: A Neutron Spin Echo Study. Macromolecules, 2010, 43, 8162-8169.	4.8	32
14	Structure and dynamics of water confined in single-wall carbon nanotubes. Journal of Physics Condensed Matter, 2006, 18, S2321-S2334.	1.8	22
15	Dynamics of water confined in single- and double-wall carbon nanotubes. Journal of Chemical Physics, 2006, 124, 194703.	3.0	117
16	The initial stages of the wearing process of thin polystyrene films studied by atomic force microscopy. Nanotechnology, 2005, 16, 1213-1220.	2.6	18
17	Molecular dynamics study of then-hexane–water interface: Towards a better understanding of the liquid–liquid interfacial broadening. Journal of Chemical Physics, 2004, 120, 2464-2469.	3.0	53