

Williams

The Molecule as Meme

It was not until 1971 that the authority for defining scientific units, the General Conference of Weights and Measures got around to defining the unit that is the basis of chemistry (the mole, or the quantity of something). Yet for all this tardiness in putting the chemical sciences on a sound quantitative basis, chemistry is an old and venerable subject and one naturally asks the question, why? Well, the truth is that up until the mid-1920s, many physicists did not believe in the reality of molecules. Indeed, it was not until after the physics community had accepted Ernest Rutherford's 1913 solar-system-like model of the atom, and the quantum mechanical model of the coupling of electron spins in atoms that physicists started to take seriously the necessity of explaining the chemical changes that chemists had been observing, investigating and recording since the days of the alchemists.



73,20 €

68,41 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781643272894

Medium: Buch

ISBN: 978-1-64327-289-4

Verlag: IOP Concise Physics

Erscheinungstermin: 26.11.2018

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2018

Produktform: Kartoniert

Gewicht: 289 g

Seiten: 146

Format (B x H): 178 x 254 mm

