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atom in its ground state is called electron affinity
[CHM101] The trend in the periodic table is that atomic radius of s- and p- block elementsdown the group. increases
[CHM101] Electrons associated with solvent in the solutions of alkali metals in liquid ammonia is termed solvated electrons
[CHM101] The energy required to remove an electron completely froman atom of an element is termed first ionization energy
[CHM101] The electronic configuration of Fe atom is \$\$[Ar] 4s^{2} 3d^{8}\$\$
[CHM101] The greater the effective nuclear charge, the the electron affinity of the atom. higher
[CHM101] The unit of electron affinity is KJ/mol
[CHM101] Across the period, the size of an atom decreases and effective nuclear charge increases
[CHM101] The higher the effective nuclear charge, the greater the exerted by the nucleus on the added electron force of attraction
[CHM101] The tendency of an atom to attract electrons to itself when combined in a compound is called electronegativity

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