tavola periodica che riporta le configurazioni elettroniche

	I	II											III	IV	V	VI	VII	VIII
1*s*	1 H $1s^1$																	2 He $1s^2$
2*s*	3 Li $1s^2 2s^1$	4 Be $1s^2 2s^2$											5 B $1s^2 2s^2 2p^1$	6 C $1s^2 2s^2 2p^2$	7 N $1s^2 2s^2 2p^3$	8 O $1s^2 2s^2 2p^4$	9 F $1s^2 2s^2 2p^5$	10 Ne $1s^2 2s^2 2p^6$
3*s*	11 Na [Ne]$3s^1$	12 Mg [Ne]$3s^2$											13 Al [Ne]$3s^2 3p^1$	14 Si [Ne]$3s^2 3p^2$	15 P [Ne]$3s^2 3p^3$	16 S [Ne]$3s^2 3p^4$	17 Cl [Ne]$3s^2 3p^5$	18 Ar [Ne]$3s^2 3p^6$
4*s*	19 K [Ar]$4s^1$	20 Ca [Ar]$4s^2$	3*d*	21 Sc [Ar]$3d^1 4s^2$	22 Ti [Ar]$3d^2 4s^2$	23 V [Ar]$3d^3 4s^2$	24 Cr [Ar]$3d^5 4s^1$	25 Mn [Ar]$3d^5 4s^2$	26 Fe [Ar]$3d^6 4s^2$	27 Co [Ar]$3d^7 4s^2$	28 Ni [Ar]$3d^8 4s^2$	29 Cu [Ar]$3d^{10} 4s^1$	30 Zn [Ar]$3d^{10} 4s^2$	4*p*	31 Ga [Ar]$3d^{10} 4s^2 4p^1$	32 Ge [Ar]$3d^{10} 4s^2 4p^2$	33 As [Ar]$3d^{10} 4s^2 4p^3$	34 Se [Ar]$3d^{10} 4s^2 4p^4$	35 Br [Ar]$3d^{10} 4s^2 4p^5$	36 Kr [Ar]$3d^{10} 4s^2 4p^6$
5*s*	37 Rb [Kr]$5s^1$	38 Sr [Kr]$5s^2$	4*d*	39 Y [Kr]$4d^1 5s^2$	40 Zr [Kr]$4d^2 5s^2$	41 Nb [Kr]$4d^4 5s^1$	42 Mo [Kr]$4d^5 5s^1$	43 Tc [Kr]$4d^5 5s^2$	44 Ru [Kr]$4d^7 5s^1$	45 Rh [Kr]$4d^8 5s^1$	46 Pd [Kr]$4d^{10} 5s^0$	47 Ag [Kr]$4d^{10} 5s^1$	48 Cd [Kr]$4d^{10} 5s^2$	5*p*	49 In [Kr]$4d^{10} 5s^2 5p^1$	50 Sn [Kr]$4d^{10} 5s^2 5p^2$	51 Sb [Kr]$4d^{10} 5s^2 5p^3$	52 Te [Kr]$4d^{10} 5s^2 5p^4$	53 I [Kr]$4d^{10} 5s^2 5p^5$	54 Xe [Kr]$4d^{10} 5s^2 5p^6$
6*s*	55 Cs [Xe]$6s^1$	56 Ba [Xe]$6s^2$	5*d*	57 La [Xe]$5d^1 6s^2$	72 Hf [Xe]$4f^{14} 5d^2 6s^2$	73 Ta [Xe]$4f^{14} 5d^3 6s^2$	74 W [Xe]$4f^{14} 5d^4 6s^2$	75 Re [Xe]$4f^{14} 5d^5 6s^2$	76 Os [Xe]$4f^{14} 5d^6 6s^2$	77 Ir [Xe]$4f^{14} 5d^7 6s^2$	78 Pt [Xe]$4f^{14} 5d^9 6s^1$	79 Au [Xe]$4f^{14} 5d^{10} 6s^1$	80 Hg [Xe]$4f^{14} 5d^{10} 6s^2$	6*p*	81 Tl [Xe]$4f^{14} 5d^{10} 6s^2 6p^1$	82 Pb [Xe]$4f^{14} 5d^{10} 6s^2 6p^2$	83 Bi [Xe]$4f^{14} 5d^{10} 6s^2 6p^3$	84 Po [Xe]$4f^{14} 5d^{10} 6s^2 6p^4$	85 At [Xe]$4f^{14} 5d^{10} 6s^2 6p^5$	86 Rn [Xe]$4f^{14} 4d^{10} 6s^2 6p^6$
7*s*	87 Fr [Rn]$7s^1$	88 Ra [Rn]$7s^2$	6*d*	89 Ac [Rn]$6d^1 7s^2$	104 Rf [Rn]$5f^{14} 6d^2 7s^2$	105 Db [Rn]$5f^{14} 6d^3 7s^2$	106 Sg [Rn]$5f^{14} 6d^4 7s^2$	107 Bh [Rn]$5f^{14} 6d^5 7s^2$	108 Hs [Rn]$5f^{14} 6d^6 7s^2$	109 Mt [Rn]$5f^{14} 6d^7 7s^2$	110 Ds –	111 Rg –							

elettroni *s*

elettroni *d*

elettroni *p*

4*f*	58 Ce [Xe]$4f^2 5d^0 6s^2$	59 Pr [Xe]$4f^3 5d^0 6s^2$	60 Nd [Xe]$4f^4 5d^0 6s^2$	61 Pm [Xe]$4f^5 5d^0 6s^2$	62 Sm [Xe]$4f^6 5d^0 6s^2$	63 Eu [Xe]$4f^7 5d^0 6s^2$	64 Gd [Xe]$4f^7 5d^1 6s^2$	65 Tb [Xe]$4f^9 5d^0 6s^2$	66 Dy [Xe]$4f^{10} 5d^0 6s^2$	67 Ho [Xe]$4f^{11} 5d^0 6s^2$	68 Er [Xe]$4f^{12} 5d^0 6s^2$	69 Tm [Xe]$4f^{13} 5d^0 6s^2$	70 Yb [Xe]$4f^{14} 5d^0 6s^2$	71 Lu [Xe]$4f^{14} 5d^1 6s^2$
5*f*	90 Th [Rn]$5f^0 6d^2 7s^2$	91 Pa [Rn]$5f^2 6d^1 7s^2$	92 U [Rn]$5f^3 6d^1 7s^2$	93 Np [Rn]$5f^4 6d^1 7s^2$	94 Pu [Rn]$5f^6 6d^5 7s^2$	95 Am [Rn]$5f^7 6d^0 7s^2$	96 Cm [Rn]$5f^7 6d^1 7s^2$	97 Bk [Rn]$5f^9 7s^2$	98 Cf [Rn]$5f^{10} 6d^0 7s^2$	99 Es [Rn]$5f^{11} 6d^0 7s^2$	100 Fm [Rn]$5f^{12} 6d^0 7s^2$	101 Md [Rn]$5f^{13} 6d^0 7s^2$	102 No [Rn]$5f^{14} 6d^0 7s^2$	103 Lr [Rn]$5f^{14} 6d^1 7s^2$

elettroni *f*