

“Cations” chemists should know

Important cations:

communi-

(communication)

dedi-

educ-

indi-

impli-

publi-

repli-

vo-

Important -ifi-cations:

clar-

(clarification)

abstract-

class-

ident-

quant-

ram-

Lab work -ifi-cations:

gas-

liquid-

magn-

poros-

pur-

solid-

Other cations:

desic-

demar-

dislo-

metri-

va-

Hazardous cations:*

compli-

fabri-

falsifi-

obfus-

Prefixes:

bio-

chemo-

co-

cyber

de-

electro-

hyper-

in-

micro-

mis-

meta-

mono-

nano-

over-

pseudo-

pre-

re-

sub-

super-

un-

ultra-

*Perhaps the most hazardous cation is floccinaucinihilipilification

Chemical transformations “cations”

cations:

gly-
(*glycation*)
toxi-

-ifi- cations:

acet-
(*acetification*)
acid-
ammon-
bas-
caust-
ester-
ether-
lign-, lignin-
sapon-
vitr-

element-sounding cations:

arseni-
aurifi-
calcifi-
carbonifi-
mercurifi-
nitrifi-
sili-, silifi-
sulfuri-
zinc-, zincifi-

Prefixes:

bio-
chemo-
co-
cyber
de-
electro-
hyper-
in-
micro-
mis-
meta-
mono-
nano-
over-
pseudo-
pre-
re-
sub-
super-
un-
ultra-