A radical cation is a positively charged species that has an atom bearing an unpaired electron.

eg:

\[ \text{CH}_3\text{OH}^+ \quad \text{CH}_3\text{CH}_2\text{NH}_2^+ \]

Some radical cations are resonance stabilized.

eg:

Radical cations are common intermediates in reactions occurring in the mass spectrometer.

see also radical anion

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Contributors

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