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Adsorption of organic contaminants by graphene nanosheets: A review

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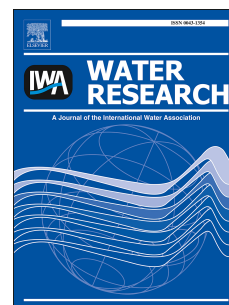
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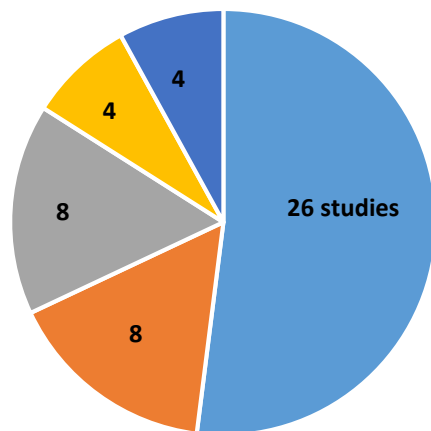
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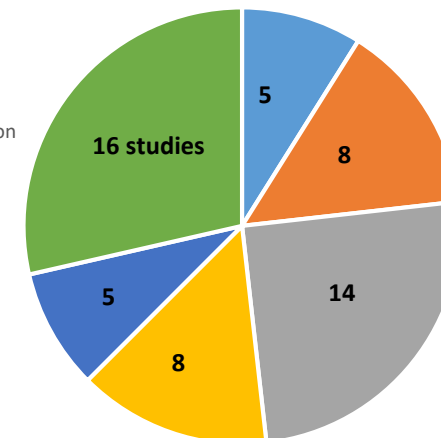
Background Solution Chemistry

- pH
- Ionic strength
- Presence of NOM
- Presence of Surfactant
- Temperature



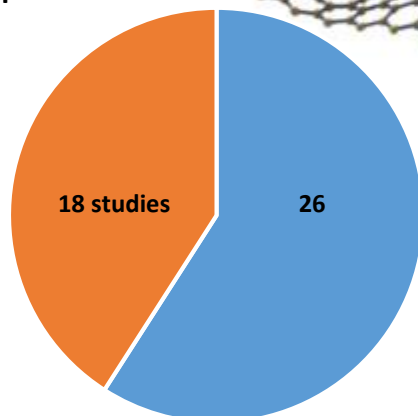
Adsorbate Properties

- Molecular size
- Geometrical configuration
- Hydrophobicity
- Aromaticity
- Polarity
- Substituent groups



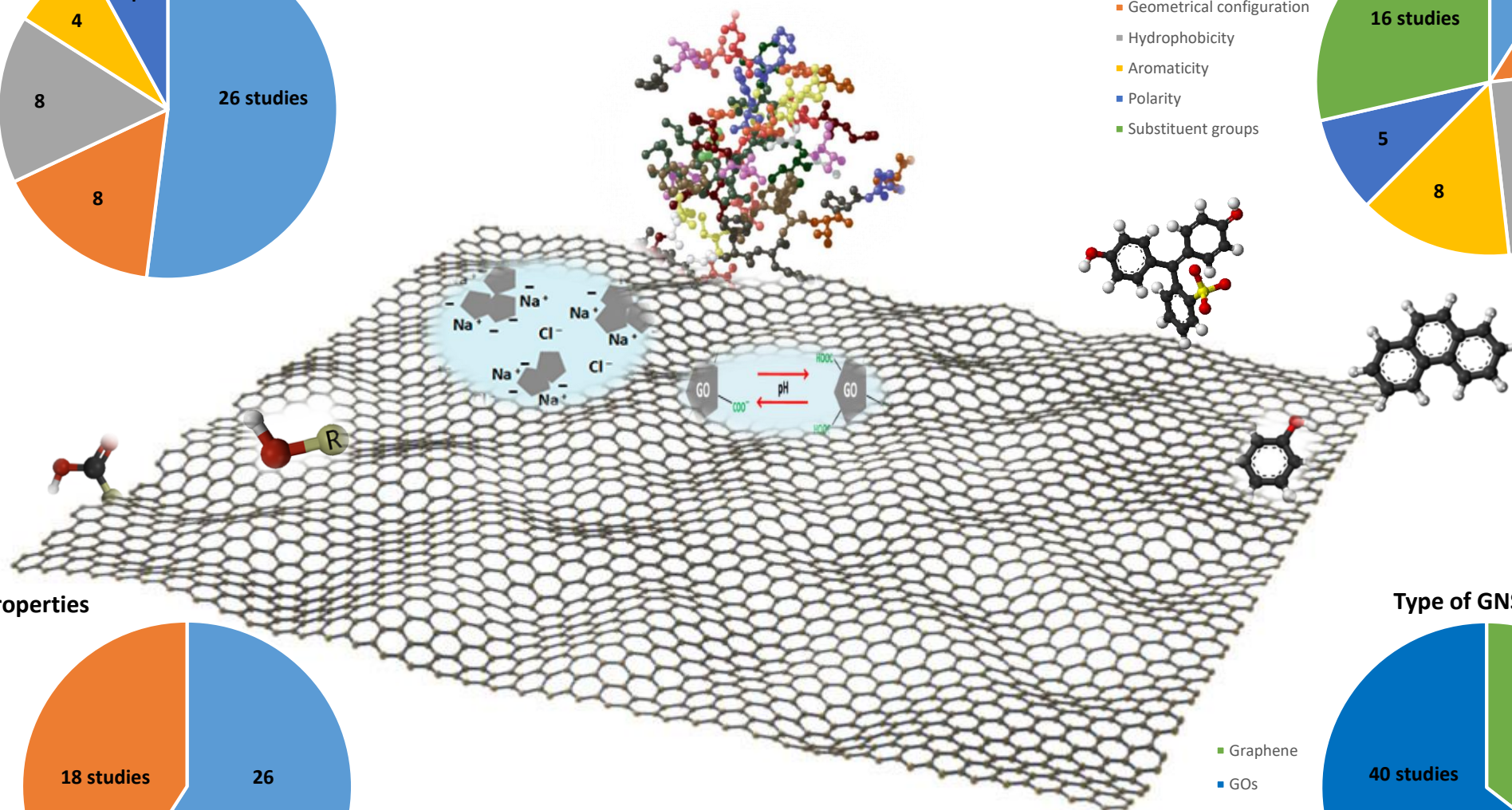
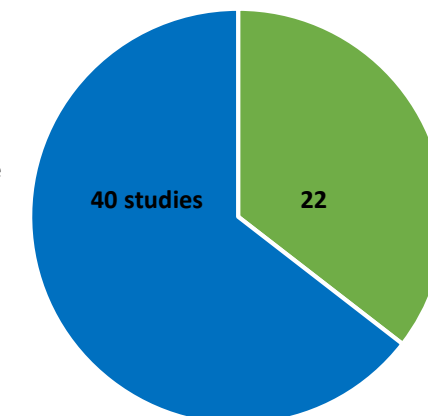
GNS Properties

- Morphological characterization
 - Sheet dimensions
 - Particle thickness
 - Surface area
 - Pore volume
 - Pore size distribution
- Surface chemical properties
 - Surface charge
 - Surface chemistry
 - Purity



Type of GNSs

- Graphene
- GOs



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