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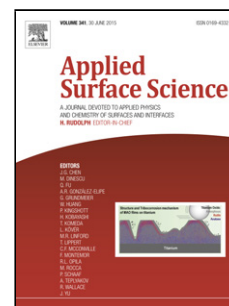
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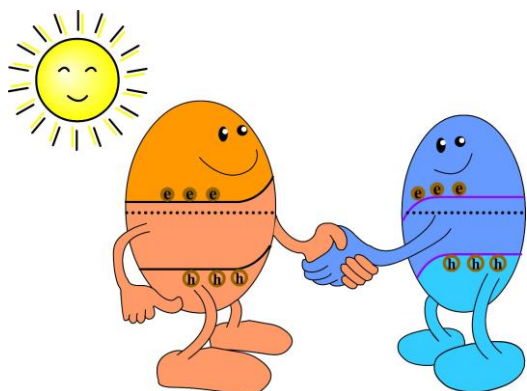
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Toward designing semiconductor-semiconductor heterojunctions for photocatalytic applications

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Graphical abstract



Research Highlights

- Heterojunctions are discussed and categorized into five different types
- Some common techniques for the determination of band edges are reviewed
- A theoretical method was used to derive band edges for many semiconductors
- Heterojunctions composed of bismuth-containing semiconductors are proposed
- The most popular approaches for the fabrication of heterojunctions are discussed

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