

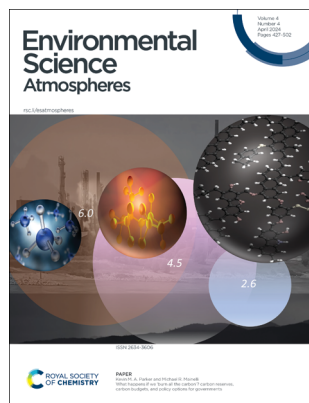
# Environmental Science: Atmospheres

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### Cover

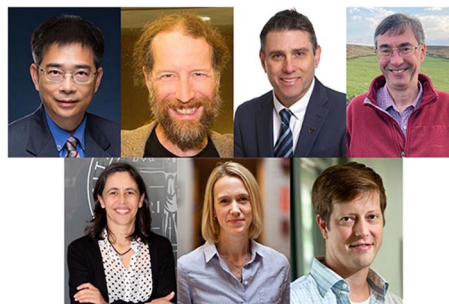
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### 2023 Outstanding Papers published in the *Environmental Science* journals of the Royal Society of Chemistry

Zongwei Cai, Neil Donahue, Graham Gagnon, Kevin C. Jones, Célia Manaia, Elsie Sunderland and Peter J. Vikesland

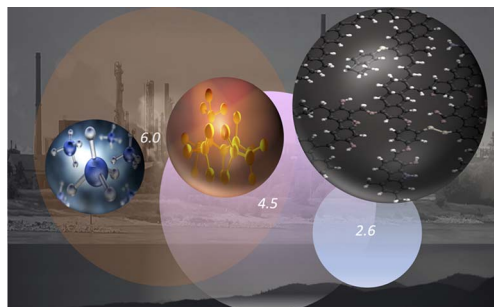


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### What happens if we 'burn all the carbon'? carbon reserves, carbon budgets, and policy options for governments

Kevin M. A. Parker\* and Michael R. Mainelli



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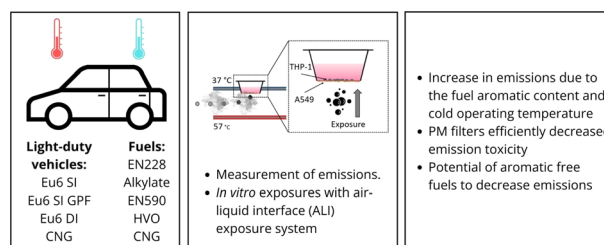
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## Effects of fuel composition and vehicle operating temperature on *in vitro* toxicity of exhaust emissions

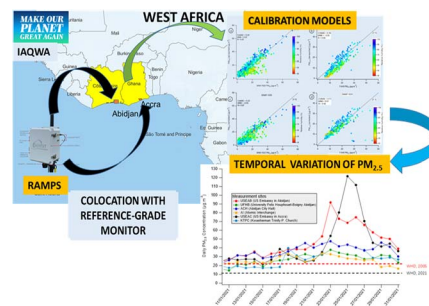
Henri Hakkarainen,\* Anssi Järvinen, Teemu Lepistö, Niina Kuittinen, Lassi Markkula, Tuukka Ihanola, Mo Yang, Maria-Viola Martikainen, Santtu Mikkonen, Hilka Timonen, Minna Aurela, Luis Barreira, Mika Ihalainen, Sanna Saarikoski, Topi Rönkkö, Päivi Aakko-Saksa and Pasi Jalava



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