Publication List – Daniel A. Horke

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2017

33 S. Awel, R.A. Kirian, M.O. Wiedorn, K.R. Beyerlein, N. Roth, **D.A. Horke**, D. Oberthür, J. Knoska, V. Mariani, A. Morgan, L. Adriano, A. Tolstikova, P.L. Xavier, O. Yefanov, A. Aquila, A. Barty, S. Roy-Chowdhury, M. S. Hunter, D. James, J.S. Robinson, U. Weierstall, A.V. Rode, S. Bajt, J. Küpper, H.N. Chapman:
Femtosecond x-ray diffraction from an aerosolized beam of protein nanocrystals
J. Appl. Cryst., submitted (2017)
arXiv: 1702.04014 **[OA]**

32 K. R. Beyerlein, D. Dierksmeyer, V. Mariani, M. Kuhn, I. Sarrou, A. Ottaviano, S. Awel, J. Knoska, S. Fuglerud, O. Jönsson, S. Stern, M. Wiedorn, O. Yefanov, L. Adriano, R. Bean, A. Burkhardt, P. Fischer, M. Heymann, **D. A. Horke**, K. E. J. Jungnickel, E. Kovaleva, O. Lorbeer, M. Metz, J. Meyer, A. Morgan, K. Pande, S. Panneerselvam, C. Seuring, A. Tolstikova, S. Aplin, M. Roessle, T. A. White, H. N. Chapman, A. Meents and D. Oberthuer:
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IUCrJ, accepted (2017)

31 N.Teschmit, K. Długołecki, D. Gusa, I. Rubinsky, **D.A. Horke**, J. Küpper:
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J. Chem. Phys., accepted (2017)
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30 M.O. Wiedorn, S. Awel, A.J. Morgan, M. Barthelmess, R. Bean, K.R. Beyerlein, L.M.G. Chavas, N. Eckerskorn, H. Fleckenstein, M. Heymann, **D.A. Horke**, J. Knoska, V. Mariani, D. Oberthür, N. Roth, O. Yefanov, A. Barty, S. Bajt, J. Küpper, A.V. Rode, R.A. Kirian, and H.N. Chapman:
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29 D. Bellshaw, **D.A. Horke**, A.D. Smith, H.M. Watts, E. Jager, E. Springate, O. Alexander, C. Cacho, R.T. Chapman, A. Kirrander, R. S. Minns:
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Chem. Phys. Lett. **683**, 383 (2017)

28 **D.A. Horke**, N. Roth, L. Worbs, J. Küpper:
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J. Appl. Phys. **121**, 123106 (2017)
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27 A. D. Smith, H. M. Watts, E. Jager, **D. A. Horke**, E. Springate, O. Alexander, C. Cacho, R. T. Chapman, R. S. Minns:
Resonant multiphoton ionisation probe of the photodissociation dynamics of ammonia
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26 **D.A. Horke**, H.M. Watts, A.D. Smith, E. Jager, E. Springate, O. Alexander, C. Cacho, R.T. Chapman, R.S. Minns:
Hydrogen Bonds in Excited State Proton Transfer
Phys. Rev. Lett. **117**, 163002 (2016)
Press coverage: *Physics*

25 J. Rothhardt, S. Hädrich, Y. Shamir, M. Tschnernajew, R. Klas, A. Hoffmann, G. K. Tadesse, A. Klenke, T. Gottschall, T. Eidam, J. Limpert,A. Tünnermann, R. Boll, C. Bomme, H. Dachraoui, B. Erk, M. Di Fraia, **D. A. Horke**, T. Kierspel, T. Mullins, A. Przystawik, E. Savelyev, J. Wiese, T. Laarmann, J. Küpper, D. Rolles:
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Opt. Express **24**, 18133 (2016) **[OA]**
arXiv: 1602.03703 **[OA]**
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24 **D.A. Horke**, S. Trippel and J. Küpper:
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23 S. Awel, R. A. Kirian, N. Eckerskorn, M. Wiedorn, **D. A. Horke**, A. Rode, J. Küpper and H.N. Chapman:
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arXiv:1512.06231 **[OA]**

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20 **D. A. Horke**, A. S. Chatterley, J. N. Bull and J. R. R. Verlet:
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18 **D. A. Horke**, Y.-P. Chang, K. Długołecki and J. Küpper:
Separating Para and Ortho Water
Angew. Chem. Int. Ed. 53, 11965 (2014) [VIP]
Angew. Chem. 126, 12159 (2014) [VIP, German version]
arXiv:1407.2056 **[OA]**
Press Releases: DESY, Center for Ultrafast Imaging (CUI), Angew. Chem.
Press Coverage: Pro-Physik, ChemistryViews

17 J. R. R. Verlet, **D. A. Horke** and A. S. Chatterley:
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Phys. Chem. Chem. Phys. **16**, 15043 (2014) [PERSPECTIVE]

16 **D. A. Horke**, S. Trippel, Y.-P. Chang, S. Stern, T. Mullins, T. Kierspel and J. Küpper:
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Doctoral Thesis, Durham University. (2012) **[OA]**

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* denotes equal author contributions