

APPENDIX D: PUBLICATION¹ LIST²

Refereed Journals (1997-2006)

“Magnetic polarizability of hadrons from lattice QCD in the background field method”
F. Lee, L. Zhou, W. Wilcox, and J. Christensen, Phys. Rev. D 73, 034503 (2006)

<https://doi.org/10.1103/PhysRevD.73.034503>
(<https://arxiv.org/abs/hep-lat/0509065>)

“Electric Polarizability of Neutral Hadrons from Lattice QCD”
J. Christensen, W. Wilcox, F. Lee, and L. Zhou, Phys. Rev. D, **72**, 034503 (2005).

<https://doi.org/10.1103/PhysRevD.72.034503>
(<https://arxiv.org/abs/hep-lat/0408024>)

“An Improved Calculation of the mass for the Resonant Spring Pendulum”
J. Christensen, Am. J. Phys., Vol. 72, No. 6, June 2004, p.818-828.

<https://aapt.scitation.org/doi/10.1119/1.1677269>

“Renormalization of the Lattice HQET Isgur-Wise Function”
J. Christensen, T. Draper, and C. McNeile, Phys. Rev. D, **62**, (2000) 114006.

<https://doi.org/10.1103/PhysRevD.62.114006>
(<https://arxiv.org/abs/hep-lat/9912046>)

“A Calculation of the B Parameter in the Static Limit”
J. Christensen, T. Draper, and C. McNeile, Phys. Rev. D, **56**, (1997) 6993.

[https://doi.org/10.1016/S0920-5632\(96\)00664-0](https://doi.org/10.1016/S0920-5632(96)00664-0)
(<https://arxiv.org/abs/hep-lat/9610026>)

Conference Proceedings (1997-2003)

“Magnetic Polarizability of Hadrons from Lattice QCD”
L. Zhou, F. Lee, W. Wilcox, and J. Christensen, Nucl. Phys. B (Proc. Suppl.) **119** (2003) 272-274.

[https://doi.org/10.1016/S0920-5632\(03\)01524-X](https://doi.org/10.1016/S0920-5632(03)01524-X)
(<https://arxiv.org/abs/hep-lat/0209128>)

“Electric Polarizability of Hadrons”
J. Christensen, W. Wilcox, F. Lee, and L. Zhou, Nucl. Phys. B (Proc. Suppl.) **119** (2003) 269-271.

[https://doi.org/10.1016/S0920-5632\(03\)01523-8](https://doi.org/10.1016/S0920-5632(03)01523-8)
(<https://arxiv.org/abs/hep-lat/0209043>)

“Lattice HQET Calculation of the Isgur-Wise Function”
J. Christensen, T. Draper, and C. McNeile, Nucl. Phys. B (Proc. Suppl.) **63** (1998) 377.

[https://doi.org/10.1016/S0920-5632\(97\)00775-5](https://doi.org/10.1016/S0920-5632(97)00775-5)
(<https://arxiv.org/abs/hep-lat/9710025>)

“A Study of the Static-Light B Parameter”
J. Christensen, T. Draper, and C. McNeile, Nucl. Phys. B (Proc. Suppl.) **53** (1997) 378.

[https://doi.org/10.1016/S0920-5632\(96\)00664-0](https://doi.org/10.1016/S0920-5632(96)00664-0)
(<https://arxiv.org/abs/hep-lat/9608005>)

¹ Many of the DOI require a subscription to access them. Where relevant, I have also included a link to arXiv, which is a preprint archive that has the full pdf article.

² <https://www.scopus.com/authid/detail.uri?authorId=55425907700>

Self-Published (in progress)

Physics Textbook, “Connected Physics”, self-published, available online, but only two chapters are posted as of January 2018.

<http://physics.thomasmore.edu/ConnectedPhysics/>

Physics Labs (adapted to online format from paper, with original modifications), originally posted August 2017 and updated through May 2018.

<http://physics.thomasmore.edu/Labs/TMC-lab-setup.html>

<http://physics.thomasmore.edu/Labs/121/>

<http://physics.thomasmore.edu/Labs/122/>

<http://physics.thomasmore.edu/Labs/220/>

Unpublished Internet-Available Evidence of Conference Presentations

“Using PreTeXt to produce a better online text (or lab manual)”

J. Christensen, APS April Meeting 2018, abstract id.U10.007

<http://meetings.aps.org/Meeting/APR18/Session/U10.7>

Contributions to Conference Presentations

“Tests of Electric Polarizability on the Lattice”

V. Guerrero, W. Wilcox, J. Christensen, Presented at 26th International Symposium on Lattice Field Theory, Williamsburg, VA, USA, 14-19 Jul 2008

(<https://arxiv.org/abs/0901.3296>)