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Education The University Of Michigan

Horace M. Rackham Graduate School

.D. , 1993
, , 1990

Kalamazoo College

B A , 1987
Magna Cum Laude, Honors in Physics, B

Experience

7/03-present

Wabash College

Crawfordsville, IN

A C (7/11- .)

\$599,000 (2013-17)

-A E

A (2012)

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E
A (7/07- .)

8/08-8/09

AAA

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A (7/03-7/07)

A (2004/5)

\$120,000 (2009-11)

\$83,586 (2006-8)

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E D A C (2005/6)
A (2005/6)

7/98-6/03

Millikin University

Decatur, IL

A C (9/02-6/03)

A (7/98-9/02)

0.5

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A \$93,000

A (A),

E A A

8/96-6/98

Allegheny College

Meadville, PA

A

8/93-8/96

National Superconducting Cyclotron Laboratory

E. Lansing, MI

• Visiting Research Associate

A1200 ,

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A1200, B()

5/89 - 8/93

The University of Michigan

Ann Arbor, MI

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9/88-1/90 A C
 9/87-8/88 Radiophysics Inc. E Boulder, CO
 6/87-9/87 Jet Propulsion Laboratory Pasadena, CA

Professional Affiliations

A A
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 D E
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Publications in Refereed Journals

1. ¹²B, . . ., *et al.* C, 024309, (2014)
2. ¹⁹C, . . ., *et al.* A 912 (2013) 1 6
3. ²¹C ²²C, . . ., *et al.* A 909 (2013) 69 78
4. - : ³ + ⁵⁸, E. .A, *et al.* C 87, 014613 (2013)
5. E = 19, .C, *et al.* . . . 108, 032501 (2012)
6. ¹⁵B, A. ., *et al.*, . . . C 84, 044309 (2011)
7. - ^{25,26}. . ., *et al.*, C 84, 03702 (2011)
8. B ⁸B+⁵⁸ - E. .A, *et al.*, 107, 092701 (2011)
9. - ²⁴, C. . ., *et al.*, C 83, 031303 (2011)
10. ¹²B ¹¹B .A. ., *et al.*, C 83, 031303 (2011)
11. ¹⁸B, A. ., *et al.*, B 683, 129 (2010)
12. ¹² C.C. ., *et al.*, C 81, 021302 (2010)
13. E ²⁴, C. . ., *et al.*, B 672, 17 (2009)
14. D =14, . . ., *et al.*, C 80, 021302 (2009)
15. ⁴⁸C, .C, *et al.*, A801, 101 (2008)
16. ⁷ ⁸, D. .D, *et al.*, C 78, 044303 (2008)
17. - . . ., A813, 199 (2008)
18. D = 16 C D C. . ., *et al.*, 100, 152502 (2008)
19. D E ²³ A. ., *et al.*, 99, 112501 (2007)
20. B ⁶ ²⁰⁹B C . . ., *et al.*, C 75, 031302 (2007)
21. .A. ., *et al.*, : C ¹⁸ . . . $\pi = 5^+$ ^{18 m} . . . A579, 476 (2007)
22. ⁷B - α - ¹²C, .A, *et al.*, E . . . 150, 1 (2007)
23. - D ⁵⁸C ⁵⁸ (³) 115 / A. .C, *et al.*, C 74, 034333 (2006)
24. - ⁶, ⁷B, ¹⁰B, ^{9,10,11}C, ¹², ^{13,15} ¹⁷ 15 53 / .E. *et al.*, C 74, 014605 (2006)
25. (³) (³ ,) - . . ., *et al.*, C 74, 024309 (2006)

26. : A , . . , *et al.*, A
(2005)
27. (,³) - , . . . , *et al.*,
A758,67 (2005)
28. C - C .B *et al.*, A543, 517-527
(2005)
29. ⁸B, ⁹C, ¹²C 20-70 / , .E. , *et al.*, C 69,024612 (2004)
30. - ⁶ . . . , *et al.*,
A491,426 (2002)
31. E D C ^{18 m} 400 D. A. , *et al.*,
C65,044605 (2002)
32. E ⁸ + ²⁰⁹ C B . . , *et al.*, C65,
054616 (2002)
33. - C (30-60)A B .E. , *et al.*,
C64,044611 (2001)
34. A=6,7 $\alpha+\alpha$ C D. . , *et al.*, C63,
065805 (2001)
35. - C (30-60)A .E. , *et al.*,
C62,024608 (2000)
36. " ⁶ , ¹²B, ⁹⁰ , ¹²⁰ , ²⁰⁸ (⁷ , ⁷B) C -E " .A ,
et al., . . . A648,3 (1999)
37. " " . , *et al.*, C60,034615 (1999)
38. " - ⁴³A " . , *et al.*,

58. C E , . , *et al.*, 76, 26-31, 3042 (E)
59. E (^{18}m , $\pi_{=5+}$, E =1.1) γ -
B , .A.B , *et al.*, C51, 1312-1319
60. $^8(\alpha,)^{11}B$, . , *et al.*, B343, 31-35
61. ^{19}C , D.B , *et al.*, 74, 3569-72
62. C B $^{18}m(\pi_{=5+}$,
E =1.1), D.A. , *et al.*, A588, 247 -252
63. E 8B : E 20 60 / , .E. , *et al.*,
C52, 1166-70
64. C + 8 B B , . .B , *et al.*,
A584, 315
65. -B -B 7 - C , .D.B , *et*
al., B79, 326-329.
66. C $^8(,)^8B(.)$ $E_{c.m.}=1.5$, D.D.C , *et al.*, C47,
387-391.
67. 8 B :E=13-20 , .D.B , *et al.*, C48, 308
68. E $^{318}^7$ ^{12}C 28 : , A. , *et*
al., C47, 674-681.
69. 2 8 , . .B , *et al.*, 71, 3931-3934
70. E 0 20 + 181 E/A = 85 , D.A. , .D.B , . . ,
.A.B , . , . A. . C45, 726-737.
71. $^8(, \alpha)$ $^8(, \alpha)$ E , .D.B , *et al.*,
A550, 507-516
72. C E 8 , .A.B , *et al.*, 66, 2452.
73. 6 ^{197}A , *nat* , ^{27}A , 9B E = 8-9 , . . , *et al.*, C43, 761.
74. 6 , 7B , 8 , ^{12}B B , .D.B , *et al.*, 11
C A A (D , 1990). B56/57, 554.
75. E 8 ^{12}C , . . , *et al.*, C43, 2346.
76. 7B B , . . , *et al.*, A294, 26.
77. ,E B , .D.B , *et al.*, C42, 801.

Selected Invited Seminars and Colloquia

1. A , 2014
2. A A A , A E C , A .17, 2012
3. AC , A .19, 2011
4. A ? ,D , 2009
5. A , 2009
6. ? , A 2007
7. A ,D ,
, 2006
8. A , ,B , 2004
9. C , A , C / 2004