A Selected Bibliography of Publications by, and about, John Clarke Slater

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28 April 2020
Version 1.65

Title word cross-reference

#1 [Sla62].
$10 [Sla56b]. 14.5 \times 22 [Sla56b]. \$5.95 [Sla68b]. ^+ [Pra52, SWW69]. ^+2 [WWS70]. ^− [Sla59b]. _2 [Sla41, Sla87]. _3 [Sla31c]. _−3 [Sla59b]. _4 [Sla41, Sla87]. ^α [Sla73a]. ^α [Con77, Sla70b, Sla72a, SJ72, Sla74b, Sla75a]. d [RFST85]. sech$^2$ [HMMT04].


3-cm [BGH$^+46]. 387pp [Sla56b].

4 [Cho74]. 44.85 [T.75].

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C [Ano53, Ano67, Bar56, Bil69, Bom01, CC61, Chi64, Cho74, Coh56, Con10, CWH +52, Dew63, Dus52, Ehr75, Ett35a, Ett35b, Fer48, Gar70, Hay51, Hof67, Jon76, Kle53, Kon50a, Kon80b, Kon97, KMV77, Löw66a, Löw66b, Meg61, Mer69, Nes10, OT80, Pag34, Phi74, Sop78, T.75, Tay69, To56, Van76, Wit52].

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Tables [KU94, Sla56b]. Tape [CDFS53a, CDFS53b, CDFS54]. Tc [Sla51a]. Teaching [WFS+01]. Techniques [Seg77a]. Technology [Sla56f].
Temperature [Sla36b]. Temperatures [Sla49d]. Teoria [Sla80]. Terry [Sla67d]. TFD [Sla75a]. Thanks [Sla49c]. theorem [RLER04]. Theorems [Sla72a]. theoretic [RFST85]. Theoretical [Ett35a, Ett35b, SF33, SM73, EAW15]. Theorie [BG24]. Theorem [Ano53, CC61, Chi64, Cho74, CWH +52, Dew63, Hat72, Hen81, Hof67, Kle63, Kon83, Kra98, LOW67, MJW71, Mer69, Pau31a, Phi74, RS36, Sla25c, Sla27b, Sla29a, Sla31d, Sla31e, Sla33a, Sla37d, Sla41, Sla51], Sla53b, Sla53j, Sla56a, Sla60c, Sla63c, Sla64a, Sla65a, Sla65c, Sla67c, Sla67g, Sla68d, Sla68h, Sla71a, Sla74c, Sla75c, Sla77, Sla80, Sla87, Sop78, Tay69, Was81, Wit52, Bli69, BKS24b, BKS24a, Boh67, BG24, Con10, Dew63, Dus36, Kon97, LOW66b, Meg61, Sla51b, Sla53b, Sla53i, Sla56c, Sla59a, Sla67f, Sla68e, Sla72b, T.75, Sla75b]. Thermodynamical [Sla37h]. Thomas [MJW71, SK35]. thoughtful [And11a]. Three [Pau31b]. Three-Electron [Pau31b]. tin [Sla74a]. Titanate [Sla50a]. Tool [WFS +01]. Topics [BO71]. Total [SW70, SW71, Hat72, HCST73]. Traite [CWH +52]. transistor [Hoc90]. Transition [Sla25b, Sla41, SMWW69, Sla71d, Sla87, WWS70]. Transmission [Cob72, Sla42, Sla60a]. Treatment [Sla71a]. Trends [WFS +01, M +97]. Tribute [Hof67, LP64, BO71, CGLÖ76, LOW66b, PCR73]. Two [CS18, Jan08, SSK53]. Two-Electron [SSK53]. Type [Mag14, PM12, BT88].


X [Con77, Fis19, Sla31c, Sla70b, Sla72a, SJ72, Sla73a, Sla74b, Sla75a]. X-ray [Fis19]. XI [Dus36]. xvii [T.75].

Years [Ehr75, Löw85, Par03, PCR73, Sop88]. York [MJW71, OT80, Sla56b, T.75]. Yorktown [MJW71]. Young [Sch90].

Zeeman [BU26]. Zones [Sla51d]. zur [BG24]. Zwang [UG25].

References


Anderson:2011:NMJ


Anonymous:1937:SSM


Anonymous:1953:BRJ


Anonymous:1967:JCS


Barker:1956:BRB


Bothe:1924:WEN


Bitter:1946:SLC

REFERENCES

Bohr:1924:QTR


Bohr:1924:QSG


Blinder:1969:BRB


Brittin:1971:TMP


Bohr:1967:QTR


Boman:2001:JCS


Braunss:1988:RST

Bichowsky:1926:PER


Chiu:1961:BRB


Condon:1953:TRIa


Condon:1953:TRIb


Condon:1954:TRIc

REFERENCES

Calais:1976:QSM


Chiu:1964:BRB


Chong:1974:BRB


Coben:1972:SET


Cohen:1956:BRJ


Compton:1956:AQP


Connolly:1977:XM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Gas54] R. Gáspár. Über eine Approximation des Hartree–Fockschen Potentials Durch eine Universelle Potentialfunktion. (German) [On an approximation of the Hartree–Fock potential by a universal potential function]. *Acta physica Academiae Scientiarum Hungaricae*, 3(3–4):263–286, April 1954. CODEN APAHAQ. ISSN 0001-6705. URL http://www.springerlink.com/content/w24337x7040846x5/. In this paper, the Hartree–Fock–Slater X-α equations [Sla51e, Sla72d] are rederived by an independent method, with the prediction of a value $\alpha = 2/3$, instead of Slater’s original $\alpha = 1$. The same factor was later rediscovered in independent work [KS65].

REFERENCES


Goldberg:1992:ICO


Goudsmit:1930:EHS


Goudsmit:1926:RES


Harris:1965:DFS


Hattox:1972:CMT


Haynes:1951:BRB


Hattox:1973:CMT

Thomas M. Hattox, James B. Conklin, Jr., John C. Slater, and Samuel B. Trickey. Calculation of the magnetization and total en-


Hoch:1990:JCS


Hoddeson:1992:CMC


Hoddeson:2008:SJC


Hoffman:1967:BRB


Hornbuckle:2000:SJC

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REFERENCES


REFERENCES


REFERENCES


REFERENCES


Meggers:1961:BRJ


Mermin:1969:BRJ


Marcus:1971:CMB


Maxwell:1949:SIN

[MNS56]  G. W. Mahlman, W. B. Nottingham, and John C. Slater. Photoconductivity of PbS. In R. G. Breckenridge, B. R. Russell, and
REFERENCES


REFERENCES


Park:2009:BAM


Pauling:1931:NCBa

Linus Pauling. The nature of the chemical bond. Application of results obtained from the quantum mechanics and from a theory of paramagnetic susceptibility to the structure of molecules. *Journal of the American Chemical Society*, 53(4):1367–1400, April 6, 1931. CODEN JACSAT. ISSN 0002-7863 (print), 1520-5126 (electronic), 1943-2984. See also [Pau31b, Sla31a].

Pauling:1931:NCBb

Linus Pauling. The nature of the chemical bond. II. The one-electron bond and the three-electron bond. *Journal of the American Chemical Society*, 53(9):3225–3237, September 5, 1931. CODEN JACSAT. ISSN 0002-7863 (print), 1520-5126 (electronic), 1943-2984. See also [Pau31a, Sla31a].

Pauli:1940:CBS


Price:1973:WMF


Phillips:1974:BRJ


REFERENCES


REFERENCES

Segal:1977:SMEb


Slater:1933:ITP


Slater:1947:E


Slater:1947:MCJ


Slater:1969:E


Slater:1983:M


Stewart:2013:SAU


Cambridge, MA, USA, 1920. Title and date uncertain: not in Harvard Hollis Library catalog, but cited in memoir [Mor82].


REFERENCES


Slater:1925:QTO


Slater:1926:AIB


Slater:1926:DMC


Slater:1926:MCA


Slater:1926:SES


Slater:1927:ARP


Slater:1927:RAS

J. C. Slater. Radiation and absorption on Schrödinger’s theory. Proceedings of the National Academy of Sciences of the
REFERENCES


Slater:1931:QTE


Slater:1931:QTM


Slater:1932:AAW


Slater:1932:NMS


Slater:1933:ETM


Slater:1933:VMS


Slater:1934:EEB

J. C. Slater. Electronic energy bands in metals. Physical Review (2), 45(11):794–801, June 1, 1934. CODEN PHRVAO. ISSN 0031-
REFERENCES


REFERENCES


Slater:1940:NGC


Slater:1940:NEP


Slater:1941:TTK


Slater:1942:MT


Slater:1946:ME


Slater:1946:PWE


Slater:1947:PUR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Slater:1964:RMN


Slater:1965:QTM


Slater:1965:SGW


Slater:1965:MOH


Slater:1965:PWB


Slater:1965:SSS


Slater:1966:GFM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


International Symposium on Atomic, Molecular and Solid-State Theory and Quantum Biology.


REFERENCES


REFERENCES


REFERENCES


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REFERENCES


