A Complete Bibliography of Publications in

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

01 March 2019
Version 1.26

Title word cross-reference

3 [GNSW17]. 2 [MO11, UBS+16]. 3 [KKS+12]. s [RP12]. 0 [ABL16]. α
[THSR17]. α, γ [dGW+17]. B [BMV15]. τ [DG12]. β [HSB+18, VWT15]. PT
[KYZ16]. e+e− [DESS11]. f(R) [SF10a]. Nc [MS15]. p [Ama15]. pp [A+11]. s
[KGBA11]. sp2 [MSBD16].

-based [MSBD16]. -particle [THSR17]. -symmetric [KYZ16]. -type
[Ama15].

125 [BH14].

65 [Mer17].

81 [EHM14, Nam10]. 82 [Pow10b, TS10b]. 83

Continuous [GML+11]. Continuous-time [GML+11].


dimensional [AMV18, CCG+11, GWY+18, ISG12, MSBD16, RW17, SAHR11, SKKG10]. diodes [Nak15, RTLL13]. dipole [HvNCR10]. Dirac [AMV18]. directed [EFS15]. Dislocation [AgCMK12a, AgCMK12b]. Discord [MBC+12].

due [MD18]. Dynamic [Sag11]. dynamical [ATE+14, Mun18, RDBE13, RHT+18, RCR12, SPMS17]. Dynamics [Pow10a, SGOMF13, dVA17, BLPV16, Car14, CG10, Dai15, DeG16, FMBT+10, KVNF12, PSSV11, SKU13, Sun14, TB18, UHS+11, UHS+17, Pow10b].

early [Smi10]. Earth [BK10]. earthquakes [KH+12]. ecological
Identifying [Phi10]. II [A+11, Bar18, RL10]. III [Tho18]. Imaging
[BBB+12, Moe15, NMS13]. implementations [FSD+18]. Implications
[PGFA14, dGW+17]. improved [BTB+10]. impurity [GML+11]. induced
information [Har16, PGFA14, SWM10, SÁ16, WPGP+12]. infrared
[KAAB+18]. InGaN [Nak15]. initial [DESS11]. Insect [Sun14]. Insights
[NFMB18, SPMS17]. instabilities [GMKOP12, SW10]. insulators
[HK10, Phi10, QZ11]. integrals [Wit16]. intense [OBN16]. intensity
[DMHK12]. interacting [PSSV11, RWF17, XAYN13]. interaction
[Sca12, SPMS17]. Interactions [KUP+12, DG17, DMHK12, FPP+10, GS15,
Giu17, GMP17, GYS10, MD18, SE11, WDT+16]. Interface
[ea17, HSP10, Sch13]. Interface-induced [ea17]. interfaces
[CFM+14, DC17, Sag11]. Interfacing [LMS15]. interference [HGH+12].
interferometry [Adh14, PCL+12]. Intermittent [BLMV11]. Interplay
[TGC10]. intertwined [FKT15]. intracellular [BN13]. Introduction
[CDG+10, Hoh10, Per10]. invention [Nak15, Smi10]. investigation
[UMA+13]. Invited [Wit18]. Ion
[BKRB15, BEJR14, CNRS18, SESE10, Shu17]. Ion-trap [BKRB15].
ionization [BLHE12]. ions [DM10, KSLUS18, SPM+10]. iron [Dai15, Ste11].
iron-based [Dai15]. irradiation [Ama15]. isospectrality [GT10]. itself
[BK10].

Jammed [TS10a, BMHM18, TS10b]. jamming [PZ10]. Jeans [VGG18].
Jerusalem [Har16]. Jet [CNRS18]. John [Mer16, Mer17, Mer93]. journal

Kaon [CEN+12]. Kepler [TS10b, TS10a]. keV [PBB+11]. kinematics
[CG10].

Landau [DMPZ12, RL10]. large [MS15]. Laser
[FBMT+10, HSZX14, LMD+13, Adh14, BLHE12, CPL+13, DMHK12, ea14].
Laser-driven [FBMT+10, BLHE12]. laser-plasma [CPL+13]. lasers
[PMR16, SGOMF13]. Lattice [DeG16, GMKOP12, BDY18, DK11, FH12].
lattices [CDGT+18, KMT11a, KMT11b]. laws [ECP10]. layer [Ama15].
Lecture [Aka15, Ama15, Bar18, Bet15, Eng14, Hal17, Hel15, Hig14, Kos17,
Moe15, Nak15, Nam10, Tho18, Wei18, Boy10, Gei11, Har13, Kaj16, Kao10,
McD16, Nam09, Nov11, Per12, Rie12, Sch12, Smi10, Win13]. lectures
[Har16]. Leptonic [BFJ12]. level [LPT10]. levels [DMPZ12]. Lévy
Light [BBF+16, FH12, GVMMEK10, RG17, Aka15, CC13, DZ10, FHKE+18,
HSP10, Hel15, JMI18, LMD+13, Met17, Nak15, RLT11]. light-emitting
[RTLL13]. light-harvesting [JM18]. LIGO [Bar18, Tho18, Wei18]. limits
[GN10, PKGR12]. Linac [BBF+16]. linear [KAHN10, SSdRG11]. lines
[JS17]. Liquid
8


Quantum
[BAB18, BLW14, CHT11a, CHT11b, CGP+15, CGLM14, CC13, CJC10, CDGT+18, CvD10, DRC17, DM10, FS13, GAN14, HSP10, HHSV17, HCGE17, HGH+12, LKS+15, P50+18, SWM10, SSdRG11, SAP17, Ter15, ZKN17, AL18, BM15, BBGK16a, BBGK16b, BLPV16, Car14, CB17, CTSR16, CDG+18, CvD10, DRC17, DM10, FS13, GAN14, HSP10, HHSV17, HCGE17, HGH+12, LKS+15, P50+18, SWM10, SSdRG11, SAP17, Ter15, ZKN17, AL18, BM15, BBGK16a, BBGK16b, BLPV16, Car14, CB17, CTSR16, CDG+18, DS12, DMHK12, DMM+14, EHM09, EHM14, FSD+18, GML+11, Hal17, Har16, Har13, Hoh10, ISG12, JS17, LMS15, MBC+12, NJBN12, OBC+14, PGFA14, PSSV11, RR15, SRHM10, SKU13, Sat16, UMA+13, WPGP+12, Wen17, Wit18, XAYN13, ZJB14a, ZJB14b, ZDM+13, dVA17].
Quantum-Bayesian [FS13]. Quantum-enhanced [BAB18].
quantum-entangled [BMV15]. quantum-to-classical [DS12].
quantum-topological [Wen17]. quark [ASAJPV15, DG12, GS18, Shu17].
quark-gluon [Shu17]. Quasinormal [KZ11].
radiation [Adh14, Bann17, DESS11, DC11, KAAB+18, OBN16]. Radiative [SF13]. Radioactive [PKGR12].
Random-matrix [Bee15]. range [FPP+10]. ratio [UBS+16].
ray [AvVD+11, MM12, MBSR+18, PMR16, RS10, WAC+16]. Rayleigh [VG18].
rays [CPL+13, LSS11]. reaction [EBD+12, dGW+17].
reactions [BEJR14, MRW10]. readout [LLW18]. Real [EWKK14]. Real-space [EWKK14].
realization [Ama15]. realizations [sMKZ16]. recommended [MTN12].
reconnection [YKJ10]. reconstruction [SF10b].
related [PSM+13]. region [HR10]. related [MPG13, MBC+12].
relations [BLW14, CHT11a, CHT11b, CBTW17]. relativity [CBKvM10].
renormalization [EWKK14, MSH+12, Nis18]. repeaters [SSdRG11].
research [KA12, Wit18]. resolution [Bet15, Moe15].
resolved [UHS+11, UHS+17, vHZ10]. resonances [BDY18, CGJT10, MS15, MFK10].
Resonant [AvVD+11, GYS10]. resource [SAP17]. Rev [AgCMK12b, BBGK16b, BM16, BCP+14b, CHT11b, EHM14, HW11a, KMT11a, KKR16, Mer16, Nam10, Pow10b, SH11b, TSNK14b, TSI10b, UHS+17, ZJB14b].
[Spr14, DS11]. room [GK18]. root [BLW14]. root-mean-square [BLW14].
Rotating [MM12, ST11]. rotating-drum [ST11]. routes [RHT+18].
Rydberg [SWM10].

Sand [Kao10]. Sap [JBSB+16]. sapphire [Ama15]. scalar [Eng14]. Scaled
[TBC+16]. scales [FZ12]. scaling [Muñ18]. Scanning [OBC+14, vHZ10].
Scattering [BDY18, AvVD+11, RG17, RS10]. scene [Lal14]. Schrödinger’s
[Win13]. science [CH17, DDGS15, FPP+10, Nag17]. scientific [Lal14].
Search [SBD+18, UBS+16, BLMV11]. Searches [FGN10, BH14]. sections
[A+11, EBD+12, FZ12, TBC+16]. Secular [Sel14]. segregation [ST11]. self
REFERENCES

[BRBC+12, Boy10, CFM+14, MPLS10, Wes14]. violation
[ABL16, BMV15, BFJ12, KR11]. violations [VWT15]. viscous
[Pow10a, Pow10b]. voices [Kao10]. vortex [VGG18]. Vortices
[SRHM10, TVN10, LBTY17].

[MMY+12]. Water [AWBF+16]. wave [BLS+13, CW15, RG17, TBC+16].
wave-function [BLS+13]. waves
[A+13, Bar18, CBKvM10, C216, KYZ16, Tho18, VGG18, Wei18]. weak
[DDM+14]. Weyl [AMV18]. where [BP12]. White [RTLL13]. window
[GS15]. wires [SW10]. within [HMPW17]. without [BAB+18].

X [AvVD+11, CPL+13, MBSR+18, PMR16, RS10, WAC+16]. X-ray
[AvVD+11, MBSR+18, PMR16, RS10, WAC+16]. xenon [AD10].

Years [ST18, BBF+16, MJT15]. Yield [BDB+17].

Zoo [Wen17].

References

[Adelberger:2011:SFC]

[Ando:2013:MAG]

[Ayala:2010:PCP]
REFERENCES


Arimondo:2010:CEM


Aprile:2010:LXD


Adhikari:2014:GRD


Altarelli:2010:DFS


Armitage:2010:PPE

REFERENCES


REFERENCES


REFERENCES

Ament:2011:RIX


Amann-Winkel:2016:CWC


Braun:2018:QEM


Bambbi:2017:TBH


Bartelmann:2010:DU

REFERENCES


REFERENCES


REFERENCES

Brunner:2014:PNB

Bonn:2017:YSM

Bertini:2015:MFT

Briceno:2018:SPR

Beenakker:2015:RMT


REFERENCES


REFERENCES

Benichou:2011:ISS


Breuer:2016:CNM


Bassi:2013:MWF


Busch:2014:CQR


Broedersz:2014:MSP

REFERENCES


Boninsegni:2012:CSW


Bartels-Rausch:2012:ISP


Bergeret:2018:CNE


Bazavov:2010:NQS

REFERENCES


Burrows:2013:CPC


Cariglia:2014:HSD


Cazorla:2017:SUA


Cortini:2016:PE


Centrella:2010:BHB


REFERENCES


REFERENCES  


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>DOI</th>
<th>URL</th>
</tr>
</thead>
</table>
deAba:2010:OEE

Dai:2015:AOS

Durante:2011:PBR

Dieny:2017:PMA

Dubi:2011:CHF
REFERENCES


REFERENCES


REFERENCES

DiPiazza:2012:EHI


Dressel:2014:CUQ


Dmitriev:2012:NPH


Dietl:2014:DFS


Dorfman:2010:DEM


deVega:2017:DNM


Dholakia:2010:CGL


Downer:2018:DPB


etal:2014:DLA


etal:2017:IIP


Escher:2012:CNR

REFERENCES


[Massimiliano Esposito, Upendra Harbola, and Shaul Mukamel. Nonequilibrium fluctuations, fluctuation theorems, and counting statistics in quantum systems. Reviews of Modern Physics,
REFERENCES


[FGH+14] Christoph Freysoldt, Blazej Grabowski, Tilmann Hickel, Jörg Neugebauer, Georg Kresse, Anderson Janotti, and Chris G. Van

---

Esposit:2014:ENF

Englert:2014:NLB

Efstathiou:2010:NGA

Efrati:2014:RSR

Freysoldt:2014:FPC
REFERENCES


REFERENCES

Fennel:2010:LDN


French:2010:LRI


Fuchs:2013:QBC


Frowis:2018:MQS

REFERENCES


REFERENCES


Emanuel Gull, Andrew J. Millis, Alexander I. Lichtenstein, Alexey N. Rubtsov, Matthias Troyer, and Philipp Werner.


Grason:2015:CGO


Giunti:2015:NEI


Giammanco:2018:STQ


Giraud:2010:HSD


Garcia-Vidal:2010:LPT


Herrero-Collantes:2017:QRN


Hell:2015:NLN


Hornberger:2012:CQI


Hayano:2010:HPN


Hansson:2017:QHP


Higgs:2014:NLE

Hinterbichler:2012:TAM


Hasan:2010:CTI


Hartnett:2011:CCA


Hen:2017:NNC


Hammer:2013:CTB

Hobbs:2012:TSE


Hohenberg:2010:CIC


Holt:2010:NPD


Hayen:2018:HPA


Hammerer:2010:QIB


REFERENCES


REFERENCES


REFERENCES


REFERENCES


1. See erratum [KKR16].


[LB16]


[LBTY17]


[LBY+15]


[LKD]

REFERENCES

Lu:2013:LPN


Lodahl:2015:ISP


Londergan:2010:CSP


Li:2012:CPM


Lapine:2014:CNM

REFERENCES


Mao:2018:SLG


Maciolek:2018:CBC


Mermin:1993:HVT


Mermin:2016:EHV


Mermin:2017:EHV

Metcalf:2017:CSO


Meystre:2017:EAE


Miroshnichenko:2010:FRN


Marchetti:2013:HSA


Maher:2015:CYM

Maeder:2012:RMS


McMahon:2012:PHH


Marzari:2012:ML


Mydosh:2011:CHO


Moerner:2015:NLS

REFERENCES


Metzner:2012:FRG


Markos:2017:HPC


Mohr:2012:CRV


Munoz:2018:CCD


Nagel:2017:ESM

Nakamura:2015:NLB


Nambu:2009:NLS


Nambu:2010:PNN


Nicolas:2018:DF


Nishioka:2018:EEH

REFERENCES


REFERENCES


Olsen:2018:NHM


Prantzos:2011:KEP


Pan:2012:MEI


Peres:2010:CTP


Perlmutter:2012:NLM

REFERENCES


REFERENCES


Pekola:2013:SEC


Pezze:2018:QMN


Polkovnikov:2011:CND


Parisi:2010:MFT


Qi:2011:TIS

REFERENCES


Sebastian Reineke, Michael Thomschke, Björn Lüssem, and Karl Leo. White organic light-emitting diodes: Status
REFERENCES


Rurali:2010:CSE


Roy:2017:CSI


Suter:2016:CPQ


Sagis:2011:DPI


Sarma:2011:ETT

REFERENCES


of Modern Physics, 84(3):1151–1163, July 2012. CODEN RM-
PHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-
84.1151; http://rmp.aps.org/abstract/RMP/v84/i3/p1151_1;
http://www.nobelprize.org/nobel_prizes/physics/
laureates/2011/.

Schellekens:2013:LIP

[Sch13] A. N. Schellekens. Life at the interface of particle physics
and string theory. Reviews of Modern Physics, 85(4):1491–
1540, October 2013. CODEN RMPHAT. ISSN 0034-6861
(print), 1538-4527 (electronic), 1539-0756. URL http://
rmp.aps.org/abstract/RMP/v85/i4/p1491_1.

Schliemann:2017:CPS

[Sch17] John Schliemann. Colloquium: Persistent spin textures in semi-
conductor nanostructures. Reviews of Modern Physics, 89(1):
011001–??, January 2017. CODEN RMPHAT. ISSN 0034-
6861 (print), 1538-4527 (electronic), 1539-0756. URL http://
011001.

Shukla:2011:CNC

lective interactions in quantum plasmas with degenerate elec-
tron fluids. Reviews of Modern Physics, 83(3):885–906, July
2011. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-
4527 (electronic), 1539-0756. URL http://link.aps.org/
abstract/RMP/v83/i3/p885_1.

Sellwood:2014:SED

of Modern Physics, 86(1):1–??, January/March 2014. CODEN
RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic),
1539-0756. URL http://journals.aps.org/rmp/abstract/

Schardt:2010:HIT

Heavy-ion tumor therapy: Physical and radiobiological ben-

REFERENCES


Miguel C. Soriano, Jordi García-Ojalvo, Claudio R. Mirasso, and Ingo Fischer. Complex photonics: Dynamics and applica-


Tomislav Stankovski, Tiago Pereira, Peter V. E. McClintock, and Aneta Stefanovska. Coupling functions: Universal insights


Salter:2018:ETT


Stewart:2011:SIC


Sun:2014:IFD


Sinova:2015:SHE


Snijders:2010:CEI

REFERENCES


REFERENCES

Takezo:2010:ALC

Thorne:2018:NLL

Tohsaki:2017:CSP

Tielens:2013:MU

Tuomisto:2013:DIS
REFERENCES


REFERENCES


Varoquaux:2015:ACF


Vassen:2012:CTM


Varlamov:2018:FSR


vanHouselt:2010:CTR


Vanossi:2013:CMF


REFERENCES


REFERENCES


