

# A Complete Bibliography of Publications in *History of Geo- and Space Sciences*

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## Title word cross-reference

4 [Hae16].

80th [Har11].

27 [HDPG<sup>+</sup>13].

-day [HDPG<sup>+</sup>13].

1 [Hul11]. 100th [FS12]. 1767 [Apl19b].  
1770 [CAOV18, Sch10]. 18 [Sch10]. 18th  
[SS11]. 1910 [Apl19a]. 1950-1966 [ZW21].  
1960s [Dam18]. 1980 [Car14]. 19th [NH12].

2 [Jør11, Oks11, Sta11b]. 2011  
[Jør11, Sta11b]. 20th [LGGAGLdA19]. 21st  
[JIZB<sup>+</sup>19].

3 [Hol12].

academia [CH20]. Academy [ZW21].  
account [Vaq17]. Actions [ZC18].  
Adriatic [Rai20]. advanced [SL14].  
aeromagnetic [RSD<sup>+</sup>13]. aeronomy  
[SG11]. Africa [Kot18, Mar16, Med13].  
After [ML16]. again [ML16]. Agassiz  
[Ate22]. age [Ate22]. airship [RSD<sup>+</sup>13].  
Alec [LGGAGLdA19]. Alexander  
[MKSG10]. Alibag [GDN15]. Almstedt  
[Gla20]. America [Aal15]. Amundsen  
[Dee11]. ancient [Mar12, Shc18]. Andean  
[Riv11, Car10]. Andøya [Thr18].  
anniversary [FS12, LGS<sup>+</sup>20]. Anthropoc  
[Cat11]. Applications [BMvRS12, Wil15].

**approach** [San17]. **Arc** [Puz19]. **Arctic** [RSD<sup>+</sup>13]. **Arecibo** [Mat13]. **Arge** [She17]. **Arrhenius** [Kra13]. **Arthur** [GALGGL18]. **article** [BJB11]. **artist** [BN15]. **ASFC** [WKC18]. **aspects** [DPR12]. **assessment** [MKSG10]. **Association** [AFH<sup>+</sup>19, DÁ19, Cas19]. **atmosphere** [CW14]. **Atmospheric** [Apl18, AH13, BSB<sup>+</sup>20, FS17, Har20, MV19, Apl20]. **attempt** [Ert11]. **attraction** [Sma18]. **Augustus** [BN15, Nat16]. **aurora** [Sch10, Sta11c, CAO18, Sil12]. **Auroral** [EB12, Bur16, EB19, Nag13, FVZF14, Jør11, Kra13, MS12, SS11, SL14, Sta11a, Sta11b]. **auroras** [FGFL12]. **Australian** [WKC18]. **Austria** [Len21].

**B** [BJB11]. **Ball** [Vaq17, DC18, Keu21]. **based** [MKSG10, ZW21]. **Bauer** [Har11]. **Became** [Mil09, Sch13]. **beginning** [IZJ19]. **beginnings** [Cas19]. **Behind** [Har20, Cha18, Ekm16]. **belief** [Edw16, Sud14]. **Bernhard** [HDPG<sup>+</sup>13]. **between** [Ert11, ZC18, Har11]. **bicentenary** [GMdSM21]. **biography** [Bur12]. **Birkeland** [EB10]. **birth** [JK16]. **birthday** [Har11]. **body** [DÁ19]. **Book** [Apl19a, Apl19b, Bre16, Car14, Cha18, Nag13, Nat16, Ric12, Riv11, Sch13, Sil12, Tay10, Wil15]. **brief** [Ate22, Cat11, HWD<sup>+</sup>18, Keu21, MH13, RR19, Wit20]. **Burt** [Apl19b, Apl19b].

**calendar** [Gaj19]. **Carl** [EB12, GT14, Wit20, Nag13]. **Carnegie** [Har20]. **cartographer** [BN15]. **Casagrande** [GALGGL18]. **case** [Gaj19, San17]. **Celsius** [Cha18, Ekm16]. **cementation** [HGT<sup>+</sup>21]. **centenary** [IR17]. **Center** [Dam18, HWD<sup>+</sup>18]. **centers** [Wil18]. **Central** [HGT<sup>+</sup>21]. **Centre** [WKC18]. **Century** [Ric12, Bar15, GALGGL18, JIZB<sup>+</sup>19, LGGAGL19, LGGAGLdA19, MV19, NH12, RTR11, SS11].

**Chalmers** [Apl18]. **Change** [Car10, DÁ19, Riv11]. **changes** [Ekm16, Cha18]. **chapter** [Kra15]. **charts** [MKSG10]. **Chatanika** [MH13]. **Chérifien** [Med13]. **China** [HWD<sup>+</sup>18, ZW21]. **Chinese** [ZW21]. **Christian** [SS11, NH12]. **circuit** [Har20]. **Climate** [Apl19b, Car10, Riv11, Bar15]. **clocks** [Agn20]. **clouds** [DPR12]. **co** [Gla20]. **co-founder** [Gla20]. **coast** [Mar16]. **coastlines** [Shc18]. **Colaba** [GDN15]. **Colonial** [Car14, Ert10]. **commencement** [SN21]. **Comment** [Jør11, Edw16, Sta11b]. **common** [JIZ19b]. **community** [ZC18]. **comparison** [Har20]. **completely** [Ert11]. **concepts** [CKC<sup>+</sup>22]. **configuration** [Shc20]. **confluence** [And21]. **contents** [Pis14]. **continuity** [And21]. **continuous** [SBLW14]. **Contribution** [GALGGL18, LGGAGL19, LGGAGLdA19, Med13, Hae16, LGS<sup>+</sup>20, Val17]. **contributions** [Apl18, Dee11, Nis10]. **Cook** [WR18]. **cooperation** [MV19]. **coordinates** [Mar11, Mar12]. **copper** [HGT<sup>+</sup>21]. **cosmic** [FS12]. **cosmical** [Kra13]. **Cosmogenic** [BMvRS12, Wil15]. **COST** [ZC18]. **creation** [Med13]. **Cryospheric** [AFH<sup>+</sup>19, BJB11]. **curious** [Gaj19]. **current** [Bur12]. **Currents** [Mil09, Sch13]. **curve** [Har20]. **cycle** [CKC<sup>+</sup>22]. **cycles** [HDPG<sup>+</sup>13]. **Cyclicality** [CKC<sup>+</sup>22]. **cycling** [HCB<sup>+</sup>10]. **Czech** [HS21].

**Danish** [Jør11, Sta11b, NH12, Sta11a, Sta11c]. **Danmarks** [Sta11c]. **Darmstadt** [Dam18]. **day** [HDPG<sup>+</sup>13]. **death** [IR17]. **decades** [Wan22]. **declination** [ML16]. **declining** [Kra15]. **deformation** [Car21]. **Degree** [Cha18]. **Degrees** [Ekm16]. **density** [Sma18]. **designer** [BN15]. **developer** [NH12]. **development** [BJB11, EZ13, FS12, IZJ19, Med13, Puz19, Sch10, Val17, Wan22, WKC18, ZW21].

**different** [JIZ19b]. **Dioscuri** [FS17]. **directorship** [Bur16]. **discharges** [Ert11]. **discovered** [SN21]. **discovery** [FS12, Her10]. **discrete** [FVZF14]. **distribution** [FVZF14]. **disturbances** [EB10]. **Dobrowolski** [BJB11]. **Dr.** [Har11, SG11]. **draughtsman** [BN15]. **Düll** [HDPG<sup>+</sup>13]. **Durham** [Apl18]. **during** [GALGGL18, LGGAGL19, LGGAGLdA19, Wan22, WR18]. **dynamics** [FVZF14].

**earliest** [DPR12]. **Early** [Nis10, SN21, Car21, DC18, GALGGL18, Hae16, Hol12, Hul11, IZJ19, LGGAGL19, LGGAGLdA19, Nev14, Oks11, Ric12, SS11, SL14, Spe21, WFBM19, ZW21]. **Earth** [Cha18, Edw16, Ozc20, CKC<sup>+</sup>22, Edw16, Dee11, Ekm16, Kra15, MKSG10, Sma18, Sud14]. **earthquake** [SBLW14]. **East** [Car14, Ert10]. **Ebstorf** [Pis14]. **Editorial** [AAE<sup>+</sup>10]. **Eduard** [Spe21]. **education** [JSBWL16]. **Edwin** [Aal12]. **Egeson** [HCB<sup>+</sup>10]. **Eighteenth** [RTR11, Ric12]. **Eighteenth-Century** [Ric12, RTR11]. **EISCAT** [BGK<sup>+</sup>13, Hae16, Hol12, Hul11, Oks11, Wan22]. **electric** [Har20]. **electrical** [Apl20]. **electricity** [AH13, Apl18, BSB<sup>+</sup>20, FS17]. **Elster** [FS17]. **emissions** [EB19]. **Empire** [OO14]. **Endeavour** [WR18]. **Envelope** [Mil09, Sch13]. **Environmental** [Fro10]. **Environments** [BMvRS12, Wil15]. **Erich** [CW14]. **Essay** [CKC<sup>+</sup>22]. **established** [CH20]. **establishment** [IZJ19]. **estimate** [Sma18]. **Europe** [HGT<sup>+</sup>21]. **European** [ZC18]. **Euxinus** [Shc20]. **eventful** [Ric12]. **Evolution** [Apl19a]. **evolves** [JIZ19a]. **Expanding** [Kra15]. **expansion** [Edw16, Sud14]. **experienced** [Jac22]. **Explorer** [Bre16, GMdSM21, Hai83]. **Extreme** [Sch15].

**fabrics** [Car21]. **facility** [RS22]. **facts** [SN21]. **Father** [PA12]. **female** [Jac22].

**field** [FGFL12, MKSG10]. **fields** [Dee11]. **Finland** [Bös21, Oks11]. **Finnish** [Nev14]. **first** [BJB11, PA12, RSD<sup>+</sup>13, Wan22]. **flight** [RSD<sup>+</sup>13]. **Fluid** [Mil09, Sch13]. **Forecast** [WKC18]. **formation** [And21]. **forms** [FVZF14]. **founder** [Gla20, IR17]. **founding** [EZ13]. **fragile** [Jac22]. **Francisco** [SBLW14]. **Franz** [Mei17]. **French** [BGK<sup>+</sup>13]. **Friedrich** [GT14, Gla20, Wit20, IR17]. **frontier** [SWG<sup>+</sup>19]. **Fürstfeldbruck** [Sof15]. **future** [AFH<sup>+</sup>19, KSDJ19, MP19b].

**Gauss** [GT14, Wit20]. **Geitel** [FS17]. **General** [GT14]. **Geo** [Jør11, Sta11b]. **Geodesy** [JIZ19b, Edw16, IR17, DÁ19]. **Geodetic** [Puz19, HS21]. **geographic** [Mar11, Mar12]. **Geographical** [JSBWL16, San17]. **Geographike** [Mar11, Mar12]. **Geography** [Shc20, Mar16, Shc18]. **geologic** [Aal12, Aal15]. **geological** [CKC<sup>+</sup>22]. **geologist** [GMdSM21]. **geologists** [Ric12]. **Geology** [RTR11, Ric12]. **Geomagnetic** [Sof15, EB10, SWS10]. **geomagnetism** [Kot18, SG11]. **Geophysical** [BSB<sup>+</sup>20, Bös21, Gla20, LGS<sup>+</sup>20, ACFJ13, Mat13, Len21]. **Geophysics** [JIZ19b, JK16, Kra15, OO14, ZW21, ZW21]. **Georg** [GMdSM21, SWS10]. **George** [HCB<sup>+</sup>10]. **Geoscience** [IZ16, NH12]. **geoscientific** [Med13]. **geotechnics** [GALGGL18, LGGAGL19, LGGAGLdA19]. **German** [GT14, Gla20, GMdSM21, Hae16, Mei17]. **gifted** [Jac22]. **Glaciers** [Car10, Riv11]. **global** [DÁ19, Har20, SL19]. **globe** [JIZ19b]. **Göttingen** [SBLW14]. **Graf** [RSD<sup>+</sup>13]. **gravimetric** [Pet16]. **gravimetry** [Edw16]. **gravity** [Agn20, Kra15]. **Great** [CAOV18]. **Günther** [FS12].

**Haldde** [Bre21]. **half** [Bar15]. **Hans** [FS17]. **Happiness** [Car14, Ert10]. **Harald**

[Sta11c, Sil12]. **Harang** [Bur16]. **Hartung** [GMdSM21]. **heating** [RS22]. **Hector** [Bre16, Hai83]. **Helena** [CWR17]. **Heliogeophysical** [KSDJ19]. **Helliwell** [CI12]. **Helmert** [IR17]. **Hermann** [Aal15]. **Hermanus** [Kot18]. **Heuson** [SS11]. **high** [Car21]. **Hinton** [Aal12]. **Hist** [Jør11, Sta11b]. **Historian** [SG11]. **historic** [EB19]. **historical** [CKC+22, DPR12, FVZF14, Har20, Kot18, Pet16, SN21]. **History** [EZ13, Hae16, Hol12, Hul11, Oks11, Ric07, RS22, Sof15, Tay10, Wan22, Wei16, Ate22, Cat11, HWD+18, Her10, Jør11, Keu21, Kra15, Len21, Mat13, MH13, MP19b, Nev14, OO14, PB11, RR19, SN21, Sta11a, Sta11b, Thr18, WFBM19, ACFJ13, Wil18]. **Hooke** [Ric12]. **human** [HDPG+13]. **Humboldt** [MKSG10]. **Hungary** [BSB+20]. **Hutton** [Sma18]. **hydrogen** [EB19]. **hydrological** [Val17]. **hydrology** [RR19]. **Hyphegesis** [Mar11, Mar12]. **hypothesis** [Edw16, Sud14].

**IACS** [AFH+19]. **IAGA** [MP19a]. **IAHS** [RR19]. **IAMAS** [MV19]. **IAPSO** [SWG+19]. **IASPEI** [SL19]. **IAVCEI** [Cas19]. **ice** [Ate22]. **Iceland** [Kri12]. **ideal** [DÁ19]. **illustrator** [GMdSM21]. **improve** [Sma18]. **Incoherent** [MP19b, BGK+13, WFBM19]. **Indications** [Edw16]. **Indies** [Car14, Ert10]. **industry** [CH20]. **influence** [CKC+22, GDN15]. **Inge** [Jac22]. **inherently** [Jac22]. **initiation** [Puz19]. **Inseparability** [Her10]. **Institut** [Med13, Sta11c]. **Institute** [CH20, EZ13, Nev14, Sta11c, Woo20, ZW21]. **institutes** [ACFJ13]. **instrumentation** [FS12]. **instruments** [HS21]. **Intellectually** [Jac22]. **International** [JIZ19b, Cas19, IZ16, MV19, AFH+19, DÁ19, LGS+20]. **Introduction** [Apl20, ACFJ13, PB11]. **Introductory** [AAE+10]. **Investigating** [Cha18, Ekm16]. **investigation** [SN21]. **Investigations** [FVZF14, EB10].

**investigators** [FS17]. **involvement** [BGK+13]. **ionisation** [CW14]. **ionosphere** [RS22, EZ13]. **ionospheric** [And21, PB11, SL14, Wei16, ZC18]. **Irkutsk** [MP19b]. **irradiance** [Sch15]. **irregular** [DÁ19]. **Irrigation** [Car14, Ert10]. **Islamic** [Ozc20]. **issue** [Apl20, JIZ19b]. **Istanbul** [Ozc20]. **István** [BSB+20]. **Italian** [PA12]. **IUGG** [IZJ19, JIZB+19, JIZ19a].

**J** [Har11]. **J.** [Apl18]. **Jagiellonian** [JSBWL16]. **James** [Aal12, Hai83, WR18, Bre16]. **January** [Sch10, CAO18]. **Japanese** [Nis10]. **Javanese** [Ert11]. **Jicamarca** [WFBM19]. **Johann** [SS11]. **John** [Aal12]. **Johnson** [CWR17]. **journey** [Ozc20]. **journeys** [HGT+21]. **Julius** [FS17]. **Juliusruh** [Wei16].

**Karl** [Gla20, RS18]. **Karsten** [Aal15]. **Kelvin** [AH13]. **Kew** [Apl19a]. **knowledge** [Dee11, GALGGL18, LGGAGL19, LGGAGLdA19]. **known** [DPR12, SS11]. **Koch** [Nat16, BN15]. **Kolupaila** [Val17]. **Kossmat** [Mei17]. **Kristian** [EB10].

**latitude** [San17]. **Lavoisier** [Ric12]. **Leader** [Bre16]. **legacy** [Apl18, Bre21, Kri12]. **Lehmann** [Jac22]. **Leibniz** [Ric12]. **length** [Shc18]. **level** [Rai20]. **life** [BN15]. **lightning** [DC18, Keu21, Vaq17]. **Lights** [Bur16]. **little** [SS11]. **little-known** [SS11]. **Liverpool** [CH20, Woo20]. **Locales** [Ert10, Car14]. **location** [Mar16]. **Lord** [AH13]. **luminosity** [FVZF14].

**machines** [Woo20]. **Maclure** [Aal12]. **Magnetic** [Kot18, Dee11, FGFL12, GDN15, MKSG10, MP19a, PA12]. **Magnetism** [GT14]. **Maisach** [Sof15]. **major** [MP19a]. **maler** [Sta11c]. **malerier** [Sta11c]. **Man** [Cha18, Ekm16]. **manned** [Har11]. **Manuel** [CWR17]. **map** [Aal12, Pis14]. **mapmaker**

[BN15, Nat16]. **mapping** [Aal15]. **Maskelyne** [Sma18]. **Maurycy** [JK16]. **maximum** [CW14]. **Measurements** [BSB<sup>+</sup>20, AH13, San17, Sch15, WR18]. **medieval** [Pis14]. **Melting** [Car10, Riv11]. **meridian** [Mar16]. **meteor** [Spe21]. **Meteorological** [Nev14, Sta11c]. **Meteorologische** [Sta11c]. **Milankovitch** [Ate22, Gaj19]. **millennia** [ZC18]. **mode** [CI12]. **model** [She17]. **models** [Ate22, MKSG10]. **modern** [IR17, MKSG10, Ozc20]. **Moltke** [Sil12, Sta11c]. **Moltkes** [Sta11c]. **Moos** [GDN15]. **mortality** [HDPG<sup>+</sup>13]. **Mountains** [Mei17]. **Munich** [Sof15]. **my** [Aka15].

**Nanabhoy** [GDN15]. **Natural** [Ric07, Tay10]. **naturalist** [NH12]. **navy** [CH20]. **necessary** [FS12]. **Netherlands** [Car14, Ert10]. **Neumayer** [SWS10]. **newly** [SN21]. **noctilucent** [DPR12]. **nordlysets** [Sta11c]. **Northern** [Bur16, Rai20]. **Northwest** [Med13]. **northwestern** [Aal15]. **Norway** [Hol12, Pet16]. **Notes** [DPR12, OO14, Mei17].

**Obituary** [RS18, SG11]. **observations** [DPR12, Keu21, Pet16]. **observatories** [Apl20, ACFJ13]. **Observatory** [Apl19a, BSB<sup>+</sup>20, Bös21, GDN15, PA12, Wei16, Bre21, Bur16, Kot18, Mat13, Sof15, WFBM19]. **observed** [CAOV18]. **occasion** [IR17]. **Ocean** [Mil09, Sch13, SWGM<sup>+</sup>19]. **oldest** [HGT<sup>+</sup>21]. **Oliva** [DC18]. **one** [GDN15, HGT<sup>+</sup>21]. **Operation** [Wan22]. **Origin** [She17]. **origins** [SL19]. **other** [GDN15]. **Ottoman** [OO14]. **Our** [Mil09, Dee11, MP19a, Sch13]. **outstanding** [MS12]. **overview** [Wit20]. **Oxford** [Apl19b].

**P** [Jør11, Sta11b]. **Painter** [Sil12, Sta11c]. **paintings** [Sta11c]. **Papers** [Ric12].

**Paradigm** [Aka15]. **Paris** [ML16]. **Part** [Wan22, Hul11, Hae16, Hol12, Hul11, Oks11]. **past** [AFH<sup>+</sup>19, Bös21, KSDJ19]. **paved** [BGK<sup>+</sup>13]. **peak** [Ert11]. **Peck** [LGGAGL19]. **pendulum** [Agn20]. **People** [ZW21]. **period** [ZW21]. **periploi** [Shc18]. **personal** [Aka15, Bar15]. **perspective** [Bar15, Kot18]. **Peter** [MS12]. **Physical** [Ozc20]. **physicist** [Kra13]. **physics** [Aka15, And21, FS17]. **picture** [Pis14]. **Pioneer** [Cha18, EB12, Aal15, CI12, Ekm16, FS17, GMdSM21, MS12, SL14, Spe21, Nag13]. **pioneering** [EB10, NH12]. **Pioneers** [Ate22]. **Pius** [JK16]. **Planet** [Mil09, Sch13, MP19a]. **Poland** [JSBWL16, KSDJ19]. **Pontus** [Shc20]. **possibilities** [Puz19]. **practices** [CKC<sup>+</sup>22]. **pre** [Ozc20]. **pre-modern** [Ozc20]. **precision** [Mar11]. **prediction** [KSDJ19, Woo20]. **Preface** [JIZ19b, Wil18]. **present** [AFH<sup>+</sup>19, Bös21, Edw16, KSDJ19, MP19b]. **prime** [Mar16]. **Processes** [Fro10]. **production** [HS21]. **professionals** [Keu21]. **project** [Puz19]. **promotion** [SL19]. **pseudoscientific** [Edw16, Sud14]. **Ptolemy** [Mar11, Mar12, Mar16, San17, Shc18, Shc20]. **pyramids** [Sma18].

**quality** [Car21]. **Quaternary** [NH12]. **quo** [CKC<sup>+</sup>22].

**Radar** [MP19b, Mat13]. **Radars** [MH13, EZ13, PB11]. **radiation** [FS12]. **Radio** [WFBM19]. **Radionuclides** [BMvRS12, Fro10, Wil15]. **rainfall** [Ert11]. **rainfall-runoff** [Ert11]. **Ralph** [LGGAGL19]. **Range** [Thr18]. **Rappaport** [Ric12]. **Rawer** [RS18]. **realization** [Sma18]. **record** [CWR17, DC18, Rai20]. **recording** [SBLW14]. **Rectification** [Mar12]. **reference** [Hul11]. **Regener** [CW14]. **regional**

[Wil18, Dam18, HWD<sup>+</sup>18]. **regularities** [FGFL12]. **relations** [Ert11]. **Remains** [Car14, Ert10]. **Renaissance** [Vaq17]. **Reply** [Sta11b]. **Republic** [ZW21, HS21]. **research** [Car21, CI12, Bur16, Har11, JSBWL16, Med13, MS12, Nis10, SL14, SWS10, Spe21]. **results** [RSD<sup>+</sup>13]. **retrospective** [FVZF14]. **Review** [BJB11, Car14, Nag13, Nat16, Ric12, Riv11, Sch13, Sil12, Tay10, Wil15, Apl19a, Apl19b, Bre16, Cha18, Pet16]. **revised** [GT14]. **revisions** [Aal12]. **Rhoda** [Ric12]. **Riccioli** [San17]. **ring** [Bur12]. **rivers** [Ert11]. **Road** [Dee11]. **Robert** [IR17, CI12]. **Rock** [Cat11]. **Rocket** [Thr18]. **role** [FS12, IZ16, MP19a, ZC18]. **Rouelle** [Ric12]. **Rudzki** [JK16]. **Rügen** [Wei16]. **runoff** [Ert11]. **RWC** [HWD<sup>+</sup>18]. **RWC-China** [HWD<sup>+</sup>18].

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