

Oldrich Novotny

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Study on CH ⁺ Formation from Doubly Charged Carbon and Molecular Hydrogen. <i>Astrophysical Journal</i> , 2021, 910, 155.	4.5	7
2	Quantum-state-selective electron recombination studies suggest enhanced abundance of primordial HeH. <i>Science</i> , 2019, 365, 676-679.	12.6	42
3	Roadmap on photonic, electronic and atomic collision physics: II. Electron and antimatter interactions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 171002.	1.5	22
4	Seismic structure beneath the Reykjanes Peninsula, southwest Iceland, inferred from array-derived Rayleigh wave dispersion. <i>Tectonophysics</i> , 2019, 753, 1-14.	2.2	4
5	Wadati method as a simple tool to study seismically active fault zones: a case study from the West-Bohemia/Vogtland region, central Europe. <i>Studia Geophysica Et Geodaetica</i> , 2016, 60, 248-267.	0.5	5
6	An efficient, movable single-particle detector for use in cryogenic ultra-high vacuum environments. <i>Review of Scientific Instruments</i> , 2015, 86, 023303.	1.3	13
7	Dispersion of Love waves from the 2010 Efpalio earthquake in the Corinth Gulf region, Greece. <i>Journal of Seismology</i> , 2015, 19, 801-806.	1.3	2
8	Coulomb Explosion Imaged Chiral (R)- and (S)-Dideuterooxirane: Unambiguous Access to the Absolute Configuration of (+)-Glyceraldehyde. <i>Chemistry - A European Journal</i> , 2014, 20, 5555-5558.	3.3	17
9	Verification of the shallow seismic crustal structure of the western KruÅnÅ© Hory crystalline unit, Czech Republic. <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 507-519.	0.5	2
10	Imaging the Absolute Configuration of a Chiral Epoxide in the Gas Phase. <i>Science</i> , 2013, 342, 1084-1086.	12.6	118
11	Storage ring measurements of the dissociative recombination of H ₃ ⁺ . <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 5088-5100.	3.4	12
12	COLD ELECTRON REACTIONS PRODUCING THE ENERGETIC ISOMER OF HYDROGEN CYANIDE IN INTERSTELLAR CLOUDS. <i>Astrophysical Journal Letters</i> , 2012, 746, L8.	8.3	32
13	Upper crustal structure of the western Corinth Gulf, greece, inferred from arrival times of the January 2010 earthquake sequence. <i>Studia Geophysica Et Geodaetica</i> , 2012, 56, 1007-1018.	0.5	8
14	Earthquake location from P-arrival times only: problems and some solutions. <i>Studia Geophysica Et Geodaetica</i> , 2012, 56, 553-566.	0.5	8
15	The January 2010 Efpalio earthquake sequence in the western Corinth Gulf (Greece). <i>Tectonophysics</i> , 2012, 530-531, 299-309.	2.2	55
16	Fast-beam fragmentation experiments on dissociative recombination. <i>Journal of Physics: Conference Series</i> , 2011, 300, 012008.	0.4	6
17	Branching ratios in dissociative recombination of formyl and isoformyl cations. <i>Journal of Physics: Conference Series</i> , 2011, 300, 012004.	0.4	4
18	Publisher's Note: Resonant structure of low-energy $H^+ + H_3^+ \rightarrow H + H_3^+$ recombination [Phys. Rev. A 83 , 032711 (2011)]. <i>Physical Review A</i> , 2011, 83, .	2.5	1

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19	Resonant structure of low-energy recombination. <i>Physical Review A</i> , 2011, 83, .	2.5	41
20	Anomalous propagation of refracted waves beneath the Orlická water reservoir, Czech Republic. <i>Studia Geophysica Et Geodaetica</i> , 2010, 54, 389-401.	0.5	1
21	High-resolution storage-ring measurements of the dissociative recombination of a supersonic expansion ion source. <i>Physical Review A</i> , 2010, 82, .	2.5	48
22	Fragmentation Channels in Dissociative Electron Recombination with Hydronium and Other Astrophysically Important Species. <i>Journal of Physical Chemistry A</i> , 2010, 114, 4870-4874.	2.5	25
23	A layered model of the upper crust in the Aigion region of Greece, inferred from arrival times of the 2001 earthquake sequence. <i>Studia Geophysica Et Geodaetica</i> , 2008, 52, 123-131.	0.5	9
24	Variations in discharge and temperature of mineral springs at the Františkovy Lázně spa, Czech Republic, during a nearby earthquake swarm in 1985/1986. <i>Studia Geophysica Et Geodaetica</i> , 2008, 52, 589-606.	0.5	4
25	Estimation of velocity in the uppermost crust in a part of the western Gulf of Corinth, Greece, from the inversion of P and S arrival times using the neighbourhood algorithm. <i>Journal of Seismology</i> , 2007, 11, 199-204.	1.3	1
26	Laboratory measurements of the recombination of PAH ions with electrons: implications for the PAH charge state in interstellar clouds. <i>Faraday Discussions</i> , 2006, 133, 289.	3.2	20
27	Analytical partial derivatives of the phase- and group velocities for Rayleigh waves propagating in a layer on a half-space. <i>Studia Geophysica Et Geodaetica</i> , 2005, 49, 305-321.	0.5	7
28	Vertically Inhomogeneous Models of the Upper Crustal Structure in the West-Bohemian Seismoactive Region Inferred from the Celebration 2000 Refraction Data. <i>Studia Geophysica Et Geodaetica</i> , 2004, 48, 709-730.	0.5	13
29	Title is missing!. <i>Studia Geophysica Et Geodaetica</i> , 1997, 41, 15-28.	0.5	10
30	Modifications of the dispersion relations for surface waves in a layer on a half-space. <i>Studia Geophysica Et Geodaetica</i> , 1996, 40, 167-177.	0.5	2
31	A preliminary seismic model for the region of the west-Bohemian earthquake swarms. <i>Studia Geophysica Et Geodaetica</i> , 1996, 40, 353-366.	0.5	15
32	Dispersion of Rayleigh waves along the Prague-Warsaw profile. <i>Studia Geophysica Et Geodaetica</i> , 1995, 39, 138-147.	0.5	10
33	Predictions of magnetic fields for Uranus and Neptune. <i>Studia Geophysica Et Geodaetica</i> , 1986, 30, 291-296.	0.5	0
34	Theoretical dispersion curves for the seismic profile Kałperski Hory (Czechoslovakia) - Książ (Poland). <i>Studia Geophysica Et Geodaetica</i> , 1983, 27, 157-163.	0.5	10
35	Derivatives of travel time curves in a horizontally layered medium. <i>Studia Geophysica Et Geodaetica</i> , 1983, 27, 233-240.	0.5	0
36	Simplified theory of series for the gravitational and geomagnetic potential. <i>Studia Geophysica Et Geodaetica</i> , 1983, 27, 346-353.	0.5	1

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37	Partial derivatives of travel-time curves of reflected waves in a layered medium. <i>Studia Geophysica Et Geodaetica</i> , 1980, 24, 355-364.	0.5	2
38	Numerical properties of low-frequency expansions for the reflection and transmission coefficients from transition layers. <i>Studia Geophysica Et Geodaetica</i> , 1980, 24, 124-130.	0.5	1
39	Joint interpretation of Lg and Sa waves based on spectral amplitudes of higher love wave modes. <i>Studia Geophysica Et Geodaetica</i> , 1977, 21, 242-248.	0.5	0
40	Low-frequency and high-frequency expressions for the reflection and transmission coefficients of seismic waves for transition layers. <i>Studia Geophysica Et Geodaetica</i> , 1976, 20, 219-235.	0.5	8
41	Dispersion and amplitudes of love waves for some models of the earth's crust and mantle. <i>Studia Geophysica Et Geodaetica</i> , 1976, 20, 10-38.	0.5	2
42	Methods of computing the partial derivatives of dispersion curves. <i>Pure and Applied Geophysics</i> , 1976, 114, 765-774.	1.9	10
43	On the equivalence of Thomson-Haskell matrices and Knopoff's method for love waves. <i>Studia Geophysica Et Geodaetica</i> , 1974, 18, 120-125.	0.5	1
44	On some modifications of Thomson-Haskell matrices for love waves. <i>Studia Geophysica Et Geodaetica</i> , 1973, 17, 186-188.	0.5	4
45	Partial derivatives of dispersion curves of love waves in a single-layered medium. <i>Studia Geophysica Et Geodaetica</i> , 1971, 15, 24-35.	0.5	8
46	Partial derivatives of dispersion curves of love waves in a layered medium. <i>Studia Geophysica Et Geodaetica</i> , 1970, 14, 36-50.	0.5	14
47	The modes of love waves in a double-layer medium. <i>Studia Geophysica Et Geodaetica</i> , 1966, 10, 156-171.	0.5	1
48	Equivalence between love waves propagating in double layer and single layer medium. <i>Studia Geophysica Et Geodaetica</i> , 1964, 8, 24-33.	0.5	1