

# Luka C PopoviÄ

## List of Publications by Year in descending order

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156  
papers

3,093  
citations

172457

29  
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206112

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160  
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160  
docs citations

160  
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2222  
citing authors

#	ARTICLE	IF	CITATIONS
1	The flux ratio of the [N II] $\lambda$ 6548, $\lambda$ 6583 lines in sample of Active Galactic Nuclei Type 2. <i>Advances in Space Research</i> , 2023, 71, 1219-1226.	2.6	4
2	Polarization in broad emission lines of active galactic nuclei. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	3
3	Photoreverberation mapping of quasars in the context of Legacy Survey of Space and Time observing strategies. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	2
4	Tracing the outflow kinematics in Type 2 active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2022, 659, A130.	5.1	9
5	Conditional Neural Process for nonparametric modeling of active galactic nuclei light curves. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	3
6	Quiet Ionospheric D-Region (QIonDR) Model Based on VLF/LF Observations. <i>Remote Sensing</i> , 2021, 13, 483.	4.0	12
7	Extraterrestrial Influences on Remote Sensing in the Earth's Atmosphere. <i>Remote Sensing</i> , 2021, 13, 890.	4.0	1
8	A ring accelerator? Unusual jet dynamics in the IceCube candidate PKS 1502+106. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3145-3178.	4.4	16
9	Spectroscopy and polarimetry of the gravitationally lensed quasar Q0957+561. <i>Astronomy and Astrophysics</i> , 2021, 647, A98.	5.1	4
10	Reduction of the VLF Signal Phase Noise Before Earthquakes. <i>Atmosphere</i> , 2021, 12, 444.	2.3	5
11	Detecting subparsec supermassive binary black holes: Long-term monitoring perspective. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5192-5211.	4.4	4
12	On possible proxies of AGN light-curves cadence selection in future time domain surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5012-5028.	4.4	6
13	The Influence of Solar X-ray Flares on SAR Meteorology: The Determination of the Wet Component of the Tropospheric Phase Delay and Precipitable Water Vapor. <i>Remote Sensing</i> , 2021, 13, 2609.	4.0	2
14	Linear spectropolarimetric analysis of fairall 9 with VLT/FORS2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 79-99.	4.4	5
15	AGN orientation through the spectroscopic correlations and model of dusty cone shell. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 831-843.	4.4	2
16	The First Supermassive Black Hole Mass Measurement in Active Galactic Nuclei Using the Polarization of Broad Emission Line Mg ii. <i>Astrophysical Journal Letters</i> , 2021, 921, L21.	8.3	6
17	AGN STORM 2. I. First results: A Change in the Weather of Mrk 817. <i>Astrophysical Journal</i> , 2021, 922, 151.	4.5	49
18	Variation in natural short-period ionospheric noise, and acoustic and gravity waves revealed by the amplitude analysis of a VLF radio signal on the occasion of the Kraljevo earthquake ( $M_w = 5.4$ ). <i>Science of the Total Environment</i> , 2020, 710, 136406.	8.0	12

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19	GNSS and SAR Signal Delay in Perturbed Ionospheric D-Region During Solar X-Ray Flares. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1198-1202.	3.1	13
20	Estimating supermassive black hole masses in active galactic nuclei using polarization of broad Mg <sup>ii</sup> , H $\alpha$ , and H $\beta$ lines. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3047-3054.	4.4	11
21	A flare in the optical spotted in the changing-look Seyfert NGC 3516. Astronomy and Astrophysics, 2020, 638, A13.	5.1	21
22	Kinematic signatures of reverberation mapping of close binaries of supermassive black holes in active galactic nuclei. Astronomy and Astrophysics, 2020, 635, A1.	5.1	16
23	Confirmed short periodic variability of subparsec supermassive binary black hole candidate Mrk 231. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4069-4076.	4.4	10
24	Measuring the AGN Sublimation Radius with a New Approach: Reverberation Mapping of Broad Line Polarization. Astrophysical Journal, 2020, 892, 118.	4.5	10
25	Variability and the Size-Luminosity Relation of the Intermediate-mass AGN in NGC 4395. Astrophysical Journal, 2020, 892, 93.	4.5	10
26	Spectroscopy and polarimetry of the gravitationally lensed quasar SDSS J1004+4112 with the 6m SAO RAS telescope. Astronomy and Astrophysics, 2020, 634, A27.	5.1	11
27	Broad spectral lines in AGNs and supermassive black hole mass measurements. Open Astronomy, 2020, 29, 1-14.	0.6	17
28	Two-dimensional correlation analysis of periodicity in active galactic nuclei time series. Open Astronomy, 2020, 29, 51-55.	0.6	6
29	Nonlinear vortex solution for perturbations in the Earth's ionosphere. Nonlinear Processes in Geophysics, 2020, 27, 295-306.	1.3	2
30	Probing the elliptical orbital configuration of the close binary of supermassive black holes with differential interferometry. Astronomy and Astrophysics, 2020, 644, A88.	5.1	3
31	Ice Age theory: a correspondence between Milutin Milanković and Vojislav Mićković. Open Geosciences, 2019, 11, 263-272.	1.7	2
32	A new analysis of spectral line shapes in white dwarf atmospheres. Journal of Physics: Conference Series, 2019, 1289, 012006.	0.4	2
33	The Optical Variability of Supermassive Black Hole Binary Candidate PG 1302+102: Periodicity and Perturbation in the Light Curve. Astrophysical Journal, 2019, 871, 32.	4.5	25
34	A Possible $\sim 1/420$ yr Periodicity in Long-term Optical Photometric and Spectral Variations of the Nearby Radio-quiet Active Galactic Nucleus Ark 120. Astrophysical Journal, Supplement Series, 2019, 241, 33.	7.7	34
35	Long-term optical spectral monitoring of a changing-look active galactic nucleus NGC 3516 - I. Continuum and broad-line flux variability. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4790-4803.	4.4	36
36	Predicting the broad-lines polarization emitted by supermassive binary black holes. Astronomy and Astrophysics, 2019, 623, A56.	5.1	9

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37	The structure of the Mgâ€‰%<scp>ii</scp> broad line emitting region in Type 1 AGNs. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3180-3197.	4.4	33
38	Spectropolarimetry of Seyfert 1 galaxies with equatorial scattering: black hole masses and broad-line region characteristics. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4985-4999.	4.4	42
39	Analysis of the Relationship Between the Solar X-Ray Radiation Intensity and the D-Region Electron Density Using Satellite and Ground-Based Radio Data. Solar Physics, 2018, 293, 1.	2.5	17
40	The shape of Fe KÎ± line emitted from relativistic accretion disc around AGN black holes. International Journal of Modern Physics A, 2018, 33, 1845016.	1.5	1
41	Narrow vs. broad-line Seyfert 1 galaxies: X-ray, optical, and mid-infrared AGN characteristics. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4068-4083.	4.4	5
42	AGN black hole mass estimates using polarization in broad emission lines. Astronomy and Astrophysics, 2018, 614, A120.	5.1	37
43	Black hole mass measurements in AGN: Polarization in broad emission lines. Proceedings of the International Astronomical Union, 2018, 14, 1-4.	0.0	0
44	Oscillatory patterns in the light curves of five long-term monitored type 1 active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2051-2066.	4.4	23
45	Analysis of the Relationship Between the Solar X-Ray Radiation Intensity and the D-Region Electron Density Using Satellite and Ground-Based Radio Data. , 2018, , 669-687.		0
46	Polarization in the broad lines of NLSy1 and BLSy1 galaxies. , 2018, , .		0
47	Kinematic differences between NLS1 and BLAGN sources. , 2018, , .		0
48	The intrinsic Baldwin effect in NLSy1 galaxies. , 2018, , .		0
49	Low ionospheric reactions on tropical depressions prior hurricanes. Advances in Space Research, 2017, 60, 1866-1877.	2.6	26
50	Periodicity in the continua and broad line curves of a quasar E1821+643. Astrophysics and Space Science, 2017, 362, 1.	1.4	11
51	Diagnostics of plasma in the ionospheric D-region: detection and study of different ionospheric disturbance types. European Physical Journal D, 2017, 71, 1.	1.3	17
52	The intrinsic Baldwin effect in broad Balmer lines of six long-term monitored AGNs. Astronomy and Astrophysics, 2017, 603, A49.	5.1	21
53	The optical versus mid-infrared spectral properties of 82 Type 1 AGNs: coevolution of AGN and starburst. Monthly Notices of the Royal Astronomical Society, 2017, 472, 334-349.	4.4	6
54	Black Hole Mass Estimation in Type 1 AGN: HÎ² vs. Mg II Lines and the Role of Balmer Continuum. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	8

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55	Long-Term Monitoring of the Broad-Line Region Properties in a Selected Sample of AGN. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	17
56	A New Analysis of Stark and Zeeman Effects on Hydrogen Lines in Magnetized DA White Dwarfs. <i>Atoms</i> , 2017, 5, 44.	1.6	13
57	Baldwin Effect and Additional BLR Component in AGN with Superluminal Jets. <i>Frontiers in Astronomy and Space Sciences</i> , 2016, 3, .	2.8	8
58	EVIDENCE FOR PERIODICITY IN 43 YEAR-LONG MONITORING OF NGC 5548. <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 29.	7.7	57
59	Virilization of the Broad Line Region in Active Galactic Nucleiâ€”connection between shifts and widths of broad emission lines. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	12
60	Line shifts and sub-pc super-massive binary black holes. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	10
61	FIRST LONG-TERM OPTICAL SPECTRAL MONITORING OF A BINARY BLACK HOLE CANDIDATE E1821+643. I. VARIABILITY OF SPECTRAL LINES AND CONTINUUM. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 25.	7.7	23
62	Line shifts in accretion disksâ€”the case of Fe K $\hat{\pm}$ $\alpha$ . <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	2
63	Time Delay Evolution of Five Active Galactic Nuclei. <i>Journal of Astrophysics and Astronomy</i> , 2015, 36, 475.	1.0	0
64	Line Shape Variability in a Sample of AGN with Broad Lines. <i>Journal of Astrophysics and Astronomy</i> , 2015, 36, 433.	1.0	5
65	Detection of shortâ€”term response of the low ionosphere on gamma ray bursts. <i>Geophysical Research Letters</i> , 2015, 42, 8250-8261.	4.0	21
66	THE CONNECTIONS BETWEEN THE UV AND OPTICAL Fe ii EMISSION LINES IN TYPE 1 AGNs. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 35.	7.7	42
67	POLARIZATION IN LINESâ€”A NEW METHOD FOR MEASURING BLACK HOLE MASSES IN ACTIVE GALAXIES. <i>Astrophysical Journal Letters</i> , 2015, 800, L35.	8.3	28
68	Spectropolarimetric monitoring of active galaxy 3C390.3 with 6-m telescope SAO RAS in the period 2009â€”2014. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2879-2889.	4.4	15
69	Spectral optical monitoring of the double-peaked emission line AGN Arp 102B. <i>Astronomy and Astrophysics</i> , 2014, 572, A66.	5.1	29
70	Preface: Spectral line shapes in astrophysics and related phenomena. <i>Advances in Space Research</i> , 2014, 54, 1147.	2.6	2
71	A model for the Balmer pseudocontinuum in spectra of type 1 AGNs. <i>Advances in Space Research</i> , 2014, 54, 1347-1354.	2.6	14
72	Stark broadening data for spectral lines of rare-earth elements: Nb III. <i>Advances in Space Research</i> , 2014, 54, 1231-1234.	2.6	8

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73	Variability in spectropolarimetric properties of Sy 1.5 galaxy Mrk 6. Monthly Notices of the Royal Astronomical Society, 2014, 440, 519-529.	4.4	29
74	Time series analysis of active galactic nuclei: The case of Arp 102B, 3C 390.3, NGC 5548 and NGC 4051. Advances in Space Research, 2014, 54, 1414-1428.	2.6	16
75	Broad spectral line and continuum variabilities in QSO spectra induced by microlensing of diffusive massive substructure. Advances in Space Research, 2014, 54, 1439-1447.	2.6	3
76	Studying the complex absorption profiles of Si IV in 21 HiBALQSO spectra. Journal of Physics: Conference Series, 2014, 565, 012020.	0.4	1
77	Supermassive black holes and spectral emission lines. Journal of Physics: Conference Series, 2014, 548, 012002.	0.4	3
78	Radiative transfer simulations of multiphase AGN tori: thermal emission and polarisation. Proceedings of the International Astronomical Union, 2014, 10, 377-380.	0.0	0
79	Supermassive binary black holes - possible observational effects in the x-ray emission. Facta Universitatis - Series Physics Chemistry and Technology, 2014, 12, 159-166.	0.5	0
80	Intelligence and Security Databases (ISD) vs. 'Hard Core' Sciences Databases (HCSD): Challenges and Opportunities. , 2014, , .		0
81	Plasma conditions in different emitting regions of active galactic nuclei. , 2013, , .		0
82	Spectrophotometric variability of quasars caused by lensing of diffuse massive substructure: consequences on flux anomaly and precise astrometric measurements. Monthly Notices of the Royal Astronomical Society, 2013, 432, 848-856.	4.4	4
83	FLARE-LIKE VARIABILITY OF THE Mg II $\lambda$ 2800 EMISSION LINE IN THE $\gamma$ -RAY BLAZAR 3C 454.3. Astrophysical Journal Letters, 2013, 763, L36.	8.3	74
84	Spectral optical monitoring of a double-peaked emission line AGN Arp 102B. Astronomy and Astrophysics, 2013, 559, A10.	5.1	30
85	The variability of the optical spectra of three type 1 AGN. , 2013, , .		0
86	SPECTRAL OPTICAL MONITORING OF THE NARROW-LINE SEYFERT 1 GALAXY Ark 564. Astrophysical Journal, Supplement Series, 2012, 202, 10.	7.7	73
87	Broad emission lines: A tool for studying nuclei of active galaxies. Journal of Physics: Conference Series, 2012, 397, 012050.	0.4	2
88	Stellar Population in the Sample of Type 2 Active Galactic Nuclei. Journal of Physics: Conference Series, 2012, 399, 012022.	0.4	0
89	The properties of emission lines and their correlations in spectra of Active Galactic Nuclei. Journal of Physics: Conference Series, 2012, 399, 012023.	0.4	0
90	The broad line emission from the AGN 3C 390.3: complex broad-line region and perturbation in accretion disk. Proceedings of the International Astronomical Union, 2012, 8, 205-206.	0.0	0

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91	Evaluation of microlens distributions in gravitationally lensed systems based on accurate radio observations. Proceedings of the International Astronomical Union, 2012, 8, 437-440.	0.0	0
92	Gravitational microlensing of active galactic nuclei dusty tori. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1576-1584.	4.4	13
93	THE FIRST SPECTROSCOPICALLY RESOLVED SUB-PARSEC ORBIT OF A SUPERMASSIVE BINARY BLACK HOLE. Astrophysical Journal, 2012, 759, 118.	4.5	95
94	The analysis of the broad hydrogen Balmer line ratios: Possible implications for the physical properties of the broad line region of AGNs. Astronomy and Astrophysics, 2012, 543, A142.	5.1	17
95	Photocentric variability of quasars caused by variations in their inner structure: consequences for <i>Gaia</i> measurements. Astronomy and Astrophysics, 2012, 538, A107.	5.1	25
96	3D radiative transfer modelling of the dusty tori around active galactic nuclei as a clumpy two-phase medium. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2756-2772.	4.4	258
97	Super-massive binary black holes and emission lines in active galactic nuclei. New Astronomy Reviews, 2012, 56, 74-91.	12.8	90
98	OPTICAL EMISSION-LINE PROPERTIES OF A SAMPLE OF THE BROAD-LINE ACTIVE GALACTIC NUCLEI: THE BALDWIN EFFECT AND EIGENVECTOR 1. Astrophysical Journal, 2011, 738, 68.	4.5	20
99	THE REMARKABLE $\hat{\gamma}$ -RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211. Astrophysical Journal Letters, 2011, 736, L30.	8.3	23
100	Spectral optical monitoring of 3C 390.3 in 1995â€“2007. Astronomy and Astrophysics, 2011, 528, A130.	5.1	29
101	The disk emission in the Broad Line Region of Active Galactic Nuclei. Journal of Physics: Conference Series, 2010, 257, 012029.	0.4	0
102	Studying the complex BAL profiles in the BALQSOs spectra. Journal of Physics: Conference Series, 2010, 257, 012035.	0.4	0
103	Physical properties of the broad line region in active galactic nuclei. Journal of Physics: Conference Series, 2010, 257, 012034.	0.4	2
104	VARIABILITY OF THE $H\hat{1}^2$ LINE PROFILES AS AN INDICATOR OF ORBITING BRIGHT SPOTS IN ACCRETION DISKS OF QUASARS: A CASE STUDY OF 3C 390.3. Astrophysical Journal, 2010, 718, 168-176.	4.5	40
105	RXJ 0921+4529: A BINARY QUASAR OR A GRAVITATIONAL LENS?. Astrophysical Journal Letters, 2010, 721, L139-L142.	8.3	3
106	Long-term variability of the optical spectra of NGC 4151. Astronomy and Astrophysics, 2010, 509, A106.	5.1	59
107	Spectral optical monitoring of 3C 390.3 in 1995â€“2007. Astronomy and Astrophysics, 2010, 517, A42.	5.1	43
108	ANALYSIS OF OPTICAL Fe II EMISSION IN A SAMPLE OF ACTIVE GALACTIC NUCLEUS SPECTRA. Astrophysical Journal, Supplement Series, 2010, 189, 15-36.	7.7	161

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109	BALMER EMISSION LINE PROFILES AND COMPLEX PROPERTIES OF BROAD-LINE REGIONS IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 693, 1437-1448.	4.5	19
110	THREE-DIMENSIONAL SPECTROSCOPIC STUDY OF THE LINE-EMITTING REGIONS OF Mrk 493. <i>Astronomical Journal</i> , 2009, 137, 3548-3557.	4.7	21
111	Contribution of a disc component to single-peaked broad lines of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 924-936.	4.4	51
112	Influence of gravitational microlensing on broad absorption lines of QSOs: The case of the Fe K $\pm$ line. <i>New Astronomy Reviews</i> , 2009, 53, 156-161.	12.8	7
113	Probing the Physical Properties of the NGC 5548 Broad Line Region Using Balmer Lines. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, 1-9.	2.5	12
114	Kinematical parameters in the coronal and post-coronal regions of the Oe stars. <i>Journal of Physics: Conference Series</i> , 2008, 133, 012028.	0.4	0
115	Long-term variability of the optical spectra of NGC 4151. <i>Astronomy and Astrophysics</i> , 2008, 486, 99-111.	5.1	54
116	A New Model for the Structure of the DACs and SACs Regions in the Oe and Be Stellar Atmospheres. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, 827-834.	2.5	11
117	The Complex Structure of the Mg II $\lambda$ 2795.523, 2802.698 $\text{\AA}$ Regions of 64 Be Stars. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, 357-371.	2.5	9
118	Detailed Analysis of Balmer Lines in a Sloan Digital Sky Survey Sample of 90 Broad-Line Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2007, 671, 104-117.	4.5	36
119	Kinematics and physics of emitting plasma around super-massive black holes. <i>Journal of Physics: Conference Series</i> , 2007, 63, 012018.	0.4	1
120	The influence of Stark broadening on Cr II spectral line shapes in stellar atmospheres. <i>Astronomy and Astrophysics</i> , 2007, 469, 681-686.	5.1	27
121	The flux ratio of the [O III] $\lambda$ 5007, 4959 lines in AGN: comparison with theoretical calculations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 1181-1184.	4.4	95
122	The gas kinematics in the Mrk 533 nucleus and circumnuclear region: a gaseous outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 480-490.	4.4	11
123	Physical properties of emitting plasma near massive black holes: the Broad Line Region. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 383-384.	0.0	0
124	Can gravitational microlensing be used to probe geometry of a massive black-hole?. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 431-432.	0.0	0
125	Accretion in the broad line region of active galactic nuclei. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 329-330.	0.0	0
126	Complex emission line region of Mrk 817. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1610-1616.	4.4	24



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127	Amplification and variability of the AGN X-ray emission due to microlensing. <i>Astronomische Nachrichten</i> , 2006, 327, 981-984.	1.2	6
128	A Study of the Correlation between the Amplification of the Fe K $\pm$ Line and the X-ray Continuum of Quasars due to Microlensing. <i>Astrophysical Journal</i> , 2006, 637, 620-630.	4.5	47
129	On the influence of Stark broadening on Cr $\alpha$ lines in stellar atmospheres. <i>Astronomy and Astrophysics</i> , 2005, 435, 1191-1198.	5.1	17
130	Some Spectroscopic Methods for Astrophysical Plasma Research. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	1
131	On the contribution of microlensing to X-ray variability of high-redshifted QSOs. <i>Astronomy and Astrophysics</i> , 2004, 420, 881-888.	5.1	24
132	Importance of collisions with charged particles for stellar UV line shapes: $\text{Si III}$ . <i>Astronomy and Astrophysics</i> , 2004, 417, 375-380.	5.1	18
133	Contribution of the disk emission to the broad emission lines in AGNs: Two-component model. <i>Astronomy and Astrophysics</i> , 2004, 423, 909-918.	5.1	91
134	INFLUENCE OF MICROLENSING ON THE ACTIVE GALACTIC NUCLEUS Fe K $\alpha$ LINE. <i>Astronomical and Astrophysical Transactions</i> , 2003, 22, 719-725.	0.2	8
135	The electron-impact broadening parameters for Co III spectral lines. <i>Astronomy and Astrophysics</i> , 2003, 399, 795-797.	5.1	22
136	On the influence of Stark broadening on Si $\alpha$ lines in stellar atmospheres. <i>Astronomy and Astrophysics</i> , 2003, 404, 1099-1106.	5.1	15
137	The influence of microlensing on the shape of the AGN Fe K $\pm$ line. <i>Astronomy and Astrophysics</i> , 2003, 398, 975-982.	5.1	33
138	The Influence of Gravitational Microlensing on the Broad Emission Lines of Quasars. <i>Astrophysical Journal</i> , 2002, 576, 640-652.	4.5	79
139	Balmer lines emission region in NGC 3516: Kinematical and physical properties. <i>Astronomy and Astrophysics</i> , 2002, 390, 473-480.	5.1	30
140	The structure of the Akn 120 emitting region: The line shapes and long-term H $\alpha$ profile variation. <i>Astronomy and Astrophysics</i> , 2001, 367, 780-787.	5.1	24
141	The electron-impact broadening effect in hot star atmospheres: The case of singly- and doubly-ionized zirconium. <i>Astronomy and Astrophysics</i> , 2001, 365, 656-659.	5.1	25
142	ELECTRON-IMPACT STARK BROADENING PARAMETERS FOR Ti II AND Ti III SPECTRAL LINES. <i>Atomic Data and Nuclear Data Tables</i> , 2001, 77, 277-310.	2.4	15
143	Stark Broadening Effect in Stellar Atmospheres: Nd II Lines. <i>Astrophysical Journal, Supplement Series</i> , 2001, 135, 109-114.	7.7	31
144	Electron-Impact Broadening Parameters for Ra II Spectral Lines. <i>Physica Scripta</i> , 2001, 63, 54-61.	2.5	3

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145	The influence of microlensing on spectral line shapes generated by a relativistic accretion disc. <i>Astronomy and Astrophysics</i> , 2001, 378, 295-301.	5.1	27
146	Stark Broadening Parameters for Spectral Lines of Singly-, Doubly- and Triply-Charged Vanadium Ions. <i>Physica Scripta</i> , 2000, 61, 192-199.	2.5	7
147	Stark broadening parameters of the Kr II and Kr III spectral lines. <i>Physical Review E</i> , 2000, 62, 4137-4145.	2.1	22
148	Stark broadening parameters for Kr II lines from $5s-5p$ transitions. <i>Astronomy and Astrophysics</i> , 1998, 127, 295-297.	2.1	10
149	Stark broadening of heavy ion lines: As II, Br II, Sb II and I II. <i>Physica Scripta</i> , 1996, 53, 325-331.	2.5	20
150	Stark broadening of Xe II lines. <i>Astronomy and Astrophysics</i> , 1996, 116, 359-365.	2.1	23
151	Stark widths for astrophysically important ns-np transitions in Sc II, Y II and Zr II spectra. <i>Astronomy and Astrophysics</i> , 1996, 120, 373-374.	2.1	28
152	The influence of gravitational lensing on the spectra of lensed quasi-stellar objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 357, 135-144.	4.4	18
153	Long-term optical spectral monitoring of NGC 7469. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx025.	4.4	9
154	Preface: Spectral shapes in astrophysics. <i>Astronomische Nachrichten</i> , 0, , .	1.2	0
155	Obscured active galactic nuclei and the need for optical to near-infrared, massively multiplexed, spectroscopic facilities. <i>Astronomische Nachrichten</i> , 0, , .	1.2	0
156	The broad emission line asymmetry in a low mass ratio of supermassive binary black holes on elliptical orbits. <i>Astronomische Nachrichten</i> , 0, , .	1.2	0