Pe Tomaszewski

List of Publications by Year
in descending order

99 papers	1,600 citations	304743 22 h-index	315739 38 g-index
106 all docs	106 docs citations	106 times ranked	1633 citing authors

#	Article	IF	Citations
1	Comments on the paper â€œEffect of calcination temperature on structural and morphological properties of bismuth ferrite nanoparticlesâ€•by R. Verma et al., and published in Ceram. Int. 47, 3680 (2021). Ceramics International, 2022, 48, 8792.	4.8	1
2	Comments on the paper on Ca-modified double perovskite Ba2FeVO6 by S. Bhattacharjee et al. And published in Physica B 624 (2022) 413373. Physica B: Condensed Matter, 2022, 631, 413708.	2.7	2
3	Comments on the paper on vanadium based double perovskite BaSrFeVO6 by S. Bhattacharjee et al. and published in "Mat. Sci. Semicon. Proc." 123 (2021) 105503. Materials Science in Semiconductor Processing, 2022, 142, 106466.	4.0	2
4	Comment on the paper by S. K. Parida on the effect of Cu and W dopants in CaMnO₃ ceramics [Phase Transitions 94, 1033 (2021)]. Phase Transitions, 2022, 95, 251-252.	1.3	0
5	Phase diagram for nanocrystals. Phase Transitions, 2022, 95, 340-344.	1.3	1
6	Discovery of a new type of sillenite structure. Comments on the papers by Nitin Kumar et al. On the BiFeO3 crystal co-doped by Co/Ti and Ni/Ti ions and published in Ceramics International 45, 822 (2019) and 47, 22147 (2021). Ceramics International, 2022, 48, 8790-8791.	4.8	1
7	Studies of structural, dielectric and electrical characteristics of Bi(Fe_{0.85}Y_{0.15})O₃ ceramics. Phase Transitions, 2021, 94, 47-61.	1.3	6
8	Studies of structural, ferroelectric, magnetic and electrical characteristics of Bi(Fe1â^'xNdx)O3 (xâ€‰=â€‰0.05, 0.10, 0.15) multiferroics. Journal of Materials Science: Materials in Electronics, 2021, 32, 5870-5885.	2.2	8
9	Comment on analysis of X-ray diffraction data in the paper â€œStructural and size dependence magnetic properties of Mn-doped NiO nanoparticles prepared by wet chemical method" by C. Thangamani et al. [J. Mater. Sci: Mater. Electron. 31, 11101 (2020)]. Journal of Materials Science: Materials in Electronics, 2021, 32, 9731-9735.	2.2	0
10	Comment on the paper â€œStructure of Gd2O3 nanoparticles at high temperatureâ€•by H. Jamnezhad and M. Jafari [J. Magn. Magn. Mater. 408 (2016) 164â€“167]. Journal of Magnetism and Magnetic Materials, 2021, 522, 167587.	2.3	0
11	Studies of structural, electrical and ferroelectric characteristics of gadolinium and yttrium modified bismuth ferrite. Materials Chemistry and Physics, 2021, 263, 124359.	4.0	19
12	Eco-friendly Bi(Ni2/5Ti2/5Fe1/5)O3 nanoceramics: Synthesis, dielectric and impedance studies. Ceramics International, 2021, 47, 22147-22154.	4.8	10
13	Comment on the paper â€œPreparation method and cerium dopant effect on the properties of BaMnO3 single perovskiteâ€•by S.K. Parida and R.N.P. Choudhary published in â€œPhase Transitionsâ€•93, 981 (2020). Phase Transitions, 2021, 94, 776-778.	1.3	1
14	Comments on the paper â€˜Studies of structural, dielectric and electrical characteristic of Bi(Fe_{0.85}Y_{0.15})O₃ ceramics by L. Thansanga et al., and published in â€˜Phase Transitionsâ€™ 94, 47 (2021). Phase Transitions, 2021, 94, 885-888.	1.3	0
15	Comments on the paper Study of effect of Gd substitution at the Fe site on structural, dielectric and electrical characteristics of BiFeO3 by L. Thansanga et al. (Appl. Phys. A. 125, 764 (2019)). Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	1
16	Size-induced structural phase transition in nanocrystalline CaYTiNbO7:Eu: comments on the paper by Mahesh and Rao (J. Mater. Sci.: Mater. Electron. 31, 20,847 (2020)). Journal of Materials Science: Materials in Electronics, 2021, 32, 23720-23723.	2.2	1
17	Comments on the paper on the double doped BiFeO3 crystal by Nitin Kumar et al., and published in J. Alloys Compd. 688, 858 (2016). Journal of Alloys and Compounds, 2021, 895, 162466.	5.5	1
18	Comments on the paper on the multiferroic Bi(Cd0.5Ti0.5)O3-BiFeO3 solid solution written by N. Kumar et al. and published in J. Alloys Compd. 747, 895 (2018). Journal of Alloys and Compounds, 2021, , 162527.	5.5	1

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19	Comment on â€œInvestigation of structural and optical properties of pure and chromium doped TiO2 nanoparticles prepared by solvothermal methodâ€•by R.S. Dubey, Shyam Singh and published in Results in Physics 7 (2017) 1283â€“1288. Results in Physics, 2020, 16, 101518.	4.1	0
20	Comment on â€œInfluence of thickness on optical and structural properties of BiFeO3 thin films: PLD grown " by Arun Singh, Ziaul Raza Khan, P.M. Vilarinho, Vinay Gupta, R.S. Katiyar [Materials Research Bulletin 49 (2014) 531]. Materials Research Bulletin, 2020, 122, 110652.	5.2	0
21	Structural, dielectric and electrical characteristics of lead-free ceramic systems: BiFexLa1â^'xO3 (xâ€‰=â€‰0.4) Tj ETQq1 1 0.784314	2.0	7
22	Study of effect of Dy substitution on structural, dielectric, impedance and magnetic properties of bismuth ferrite. Journal of Materials Science: Materials in Electronics, 2020, 31, 10006-10017.	2.2	23
23	Some remarks on the paper â€œInfluence of zinc concentration on band gap and sub-band gap absorption on ZnO nanocrystalline thin films sol-gel grownâ€•by Munirah, Ziaul Raza Khan, Anver Aziz, Mohd. Shahid Khan, M.U. Khandaker [Mater. Sci-Poland, 35 (1) 2017, 246 â€“ 253]. Materials Science-Poland, 2020, 38, 407-408.	1.0	0
24	Some remarks on the paper â€œOptimization of S:Sn precursor molar concentration on the physical properties of spray deposited single phase Sn₂S₃ thin filmsâ€•by J. Srivind, V.S. Nagaretthinam, A.R. Balu [Mater. Sci.-Poland, 34 (2016), 393 â€“ 398]. Materials Science-Poland, 2020, 38, 400-401.	1.0	0
25	Comment on and complement to â€œEffect of calcination temperature on the degree of polymorphic transformation in Y2SiO5 nanopowders synthesized by solâ€“gel methodâ€•by Z.S. Khan et al. [Journal of Non-Crystalline Solids 432 (2016) 540â€“544]. Journal of Non-Crystalline Solids, 2019, 525, 119682.	3.1	0
26	Comment on â€œStructural and magnetic properties of Ni0.8M0.2Fe2O4 (Mâ€¯=â€¯Cu, Co) nano-crystalline ferritesâ€•by K. Vijaya Babu, G. Satyanarayana, B. Sailaja, G.V. Santosh Kumar, K. Jalaiah, and M. Ravi [Results in Physics 9 (2018) 55â€“62]. Results in Physics, 2019, 15, 102597.	4.1	0
27	Comment on â€œRole of ytterbium on structural and magnetic properties of NiCr0.1Fe1.9O4 co-precipitated ferrites" by Mushtaq Ahmad, Muhammad Azhar Khan, Azhar Mahmood, Shu-Sen Liu, Adeel Hussain Chughtai, Weng-Chon Cheong, Bilal Akram, Gulfam Nasar [Ceram. Int. 44 (2018) 5433â€“5439]. Ceramics International, 2019, 45, 5174.	4.8	0
28	Comment on "Effects of Dy concentration on luminescent properties of SrAl2O4:Eu phosphors" by D.S. Kshatri, Ayush Khare, and Piyush Jha" [Optik 124 (2013) 2974]. Optik, 2019, 178, 710-711.	2.9	0
29	X-ray study of structural phase transitions in nanocrystalline LaMnO3+Î´perovskite. Phase Transitions, 2019, 92, 525-536.	1.3	7
30	Structural, bulk permittivity and impedance spectra of electronic material: Bi(Fe0.5La0.5)O3. Journal of Materials Science: Materials in Electronics, 2019, 30, 1919-1926.	2.2	25
31	Structural, electrical and magnetic properties of eco-friendly complex multiferroic material: Bi(Co0.35Ti0.35Fe0.30)O3. Ceramics International, 2019, 45, 822-831.	4.8	35
32	Crystal structure, phonon and luminescence properties of AgRE(WO4)2 tungstates, where REâ€¯=â€¯Y, Pr, Nd, Sm - Lu. Journal of Alloys and Compounds, 2018, 745, 779-788.	5.5	8
33	Alkali metal impact on structural and phonon properties of Er3+ and Tm3+ co-doped MY(WO4)2 (M = Li,) Tj ETQq1 1 0.784314 rgBT	3.6	7
34	Some remarks on the crystallographic part of paper â€œStructural, morphological and magnetic properties of Eu-doped CoFe2O4 nano-ferritesâ€•by Aiman Zubair, Zahoor Ahmad, Azhar Mahmood, Weng-Chon Cheong, Irshad Ali, Muhammad Azhar Khan, Adeel Hussain Chughtai, Muhammad Naeem Ashiq [Results Phys. 7 (2017) 3203â€“3208]. Results in Physics, 2018, 11, 821.	4.1	0
35	Comment on â€œStructural, morphological and magnetic characters of PVP coated ZnFe2O4 nanoparticlesâ€•by R. Sagayaraj, S. Aravazhi, P. Praveen, and G. Chandrasekaran published in Journal of Materials Science: Materials in Electronics (2018) 29:2151. Journal of Materials Science: Materials in Electronics, 2018, 29, 17089-17089.	2.2	0
36	Comment on â€œThe Structural, optical and electrical properties of nanocrystalline ZnO:Al thin filmsâ€• by Boubaker Benhaoua, Achour Rahal, Said Benramache and published in Superlattices and Microstructures 68 (2014) 38â€“47. Superlattices and Microstructures, 2018, 123, 465-466.	3.1	0

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37	Comment on â€œSynthesis and enhanced photocatalytic property of Ni doped ZnS nanoparticlesâ€œ by M. Jothibas, C. Manoharan, S. Johnson Jeyakumar, P. Praveen, I. Kartharinal Punithavathy, J. Prince Richard published in Solar Energy 159, 434â€“443 (2018). Solar Energy, 2018, 169, 424.	6.1	0
38	Comment on â€œsynthesis and structural properties of vanadium doped zinc oxide" by R. Abaira, E. Buffagni, A. Matoussi, H. Khmakhem, C. Ferrari, and published in Superlattices and Microstructures 86 (2015) 438â€“445. Superlattices and Microstructures, 2018, 123, 467-468.	3.1	0
39	Comments on â€œStructural, optical and electrical properties of Zr-doped In2O3 thin filmsâ€•by C. Manoharan, M. Jothibas, S. Johnson Jeyakumar, S. Dhanapandian published in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 145 (2015) 47â€“53. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 640.	3.9	2
40	Comments on â€œStructural, Optical, and Electrical Properties of Zn-Doped CdO Thin Films Fabricated by a Simplified Spray Pyrolysis Techniqueâ€•by K. Usharani and A.R. Balu Published in Acta Metall. Sin. (Engl.) Tj ETQq0 0 0 rgBT /Overlock 1	2.0	0
41	Structural, electrical and ferroelectric characteristics of Bi(Fe0.9La 0.1)O3. Ceramics International, 2018, 44, 21330-21337.	4.8	33
42	Comments on â€œPhotodegradation of methyl violet dye using ZnO nanorodsâ€•by I. Kartharinal Punithavathy, J. Prince Richard, S. Johnson Jeyakumar, M. Jothibas, P. Praveen, J. Mater. Sci.: Mater. Electron. 28, 2494â€“2501 (2017). Journal of Materials Science: Materials in Electronics, 2018, 29, 17351-17352.	2.2	0
43	Comment on â€œNanocrystalline CdS1-xSex alloys as thin films prepared by chemical bath deposition: Effect of x on the structural and optical propertiesâ€•by E.A. Sanchez-Ramirez, M.A. Hernandez-Perez, J. Aguilar-Hernandez, E. Rangel-Salinas, and published in Journal of Alloys and Compounds 615 (2014) S511â€“S514. Journal of Alloys and Compounds, 2018, 765, 313.	5.5	0
44	Geneza Instytutu Niskich Temperatur i BadaÅ„ Strukturalnych PAN we WrocÅ‚awiu. Studia Historiae Scientiarum, 2018, 17, 175-203.	0.6	1
45	Structural, electrical and magnetic characteristics of Ni/Ti modified BiFeO3 lead free multiferroic material. Journal of Materials Science: Materials in Electronics, 2017, 28, 6673-6684.	2.2	41
46	Od wazeliny do krzemowej rewolucji: czyli niezwykÅ‚a historia najwiÄ™kszego polskiego odkrycia, ktÃ³re zmieniÅ‚o Å›wiat. Studia Historiae Scientiarum, 2017, 16, 155-200.	0.6	1
47	Structural and electrical characteristics of (Co, Ti) modified BiFeO3. Journal of Materials Science: Materials in Electronics, 2016, 27, 7115-7123.	2.2	28
48	Raman and IR spectroscopic study of a nonlinear optical crystal, La2CaB10O19. Vibrational Spectroscopy, 2016, 82, 53-59.	2.2	6
49	Structural, dielectric and magnetic characteristics of Bi(Ni0.25Ti0.25Fe0.50)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1209-1216.	2.2	31
50	Uwagi do komentarza Prof. MichaÅ‚a Kokowskiego o badaniach Å¼yciorysu Jana Czochralskiego. Studia Historiae Scientiarum, 2016, 15, 395-404.	0.6	4
51	Spectroscopic and structural properties of Na3RE(PO4)2:Yb orthophosphates synthesised by hydrothermal method (RE=Y, Gd). Journal of Alloys and Compounds, 2015, 628, 199-207.	5.5	22
52	Solvothermal synthesis and characterization of mixed oxides with perovskite-like structure. Catalysis Today, 2015, 257, 26-34.	4.4	14
53	Uwagi do komentarza prof. MichaÅ‚a Kokowskiego o badaniach Å¼yciorysu Jana Czochralskiego. Prace Komisji Historii Nauki PAU, 2015, 14, 275-281.	0.7	4
54	Comment on â€œOrthorhombic to tetragonal structural phase transition in Na 0.5 K 0.5 NbO 3 -based ceramicsâ€•by Laijun Liu et al.. Materials Letters, 2014, 136, 452.	2.6	0

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55	Magnetic and low temperature phonon studies of CoCr2O4 powders doped with Fe(III) and Ni(II) ions. Journal of Solid State Chemistry, 2014, 212, 218-226.	2.9	26
56	Correlation between the structural and spectroscopic parameters for Cd1â^'3xGd2xâ–¡xMoO4 solid solutions where â–¡ denotes cationic vacancies. Materials Chemistry and Physics, 2013, 139, 890-896.	4.0	22
57	Structure and vibrational properties of scheelite type Cd0.25RE0.5â–¡0.25MoO4 solid solutions where â–¡ is the cationic vacancy and RE=Smâ€“Dy. Journal of Molecular Structure, 2013, 1037, 332-337.	3.6	19
58	The uncertainty in the grain size calculation from X-ray diffraction data. Phase Transitions, 2013, 86, 260-266.	1.3	45
59	Phonon and magnetic properties of nanocrystalline MnWO4 prepared by hydrothermal method. Vibrational Spectroscopy, 2012, 58, 163-168.	2.2	13
60	Optical and structural characterisation of pure and Pr3+ doped LaPO4 and CePO4 nanocrystals. Journal of Alloys and Compounds, 2011, 509, 7458-7465.	5.5	37
61	X-ray, SEM, Raman and IR studies of Bi2W2O9 prepared by Pechini method. Vibrational Spectroscopy, 2010, 53, 199-203.	2.2	15
62	Luminescence and Phonon Properties of Nanocrystalline Bi₂WO₆:Eu³⁺ Photocatalyst Prepared from Amorphous Precursor. Journal of Nanoscience and Nanotechnology, 2010, 10, 5746-5754.	0.9	15
63	Solid-state synthesis and characterization of new cadmium and rare-earth metal molybdato-tungstates Cd0.25RE0.50(MoO4)0.25(WO4)0.75 (RE=Pr, Nd, Smâ€“Dy). Journal of Non-Crystalline Solids, 2010, 356, 2059-2065.	3.1	10
64	Structural and Optical Properties of Nano-Sized K3Nd(PO4)2:Yb3+ Orthophosphate. Journal of Nanoscience and Nanotechnology, 2009, 9, 5164-5169.	0.9	9
65	The crystal structure, vibrational and luminescence properties of the nanocrystalline KEu(WO4)2 and KGd(WO4)2:Eu3+ obtained by the Pechini method. Journal of Solid State Chemistry, 2008, 181, 2591-2600.	2.9	40
66	Vibrational and luminescence studies of MIIn(MoO4)2 (MI=K, Rb) and MIAl(MoO4)2 (MI=K, Na) molybdates doped with chromium(III) prepared via the Pechini method. Optical Materials, 2008, 31, 167-175.	3.6	15
67	Phase Transitions in Extremely Small Crystals. Ferroelectrics, 2008, 375, 74-91.	0.6	19
68	Synthesis and characterization of NaIn(WO4)2:Cr3+ nanoparticles. Solid State Sciences, 2008, 10, 61-68.	3.2	17
69	Size Dependent Structural, Vibrational, and Luminescence Properties of Nanocrystalline LiIn(WO₄)₂:Cr³⁺. Journal of Nanoscience and Nanotechnology, 2008, 8, 3545-3554.	0.9	7
70	Crystal structure, vibrational properties and luminescence of NaMg3Al(MoO4)5 crystal doped with Cr3+ ions. Journal of Solid State Chemistry, 2006, 179, 685-695.	2.9	21
71	Heat capacity studies of phase transitions in K3Nb3O6(BO3)2. Thermochimica Acta, 2005, 438, 112-115.	2.7	3
72	High pressure effects on the structural and vibrational properties of antiferromagnetic KFe(MoO4)2. Journal of Physics Condensed Matter, 2005, 17, 6285-6300.	1.8	25

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73	Heat capacity and dielectric studies of ferroelectric superionic conductor RbNbWO6. Solid State Ionics, 2004, 167, 309-315.	2.7	9
74	Lattice dynamics and phase transitions in KAl(MoO4)2, RbAl(MoO4)2and CsAl(MoO4)2layered crystals. Journal of Physics Condensed Matter, 2004, 16, 3319-3328.	1.8	19
75	Inverse Database of Phase Transitions in Crystals with a Single Phase Transition. Ferroelectrics, 2004, 301, 169-174.	0.6	1
76	Jan Czochralski and His Method of Pulling Crystals. MRS Bulletin, 2004, 29, 348-349.	3.5	0
77	CsAl(MoO4)2. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, i119-i120.	0.2	7
78	Jan Czochralskiâ€"father of the Czochralski method. Journal of Crystal Growth, 2002, 236, 1-4.	1.5	39
79	Dynamic Behavior of the Jahnâ˜Teller Distorted Cu(H2O)62+Ion in Cu2+Doped Cs2[Zn(H2O)6](ZrF6)2and the Crystal Structure of the Host Lattice. Inorganic Chemistry, 2002, 41, 229-238.	4.0	38
80	Comment on â€œThermal Analysis and X-Ray Diffraction Study on LiKSO4: A New Phase Transitionâ€• Journal of Solid State Chemistry, 2001, 156, 253-254.	2.9	2
81	Comments on â€œcation and anion substitution in Î²-LiNH4SO4: stabilization of the ferroelectric phaseâ€• Materials Research Bulletin, 2000, 35, 2225-2226.	5.2	0
82	The specific heat studies of (NH3CH3)5Bi2Br11: Evidence for the critical end-point in crystals. Ferroelectrics, 1998, 207, 577-586.	0.6	1
83	Comment on â€˜â€˜Thermal hysteresis effects in the ferroelectric-ferroelastic phase transition in [N(CH3)4]2ZnI4â€™â€™. Physical Review B, 1996, 53, 952-953.	3.2	1
84	Crystal Structure and Phase Transitions in the A₃B₂X₉ Family of Crystals. Physica Status Solidi (B): Basic Research, 1994, 181, 15-21.	1.5	7
85	Anomalous behaviour of linear birefringence and strain in taap crystal. Ferroelectrics, 1994, 152, 255-260.	0.6	4
86	Pressure-induced structural phase transitions in zirconia under high pressure. Physical Review B, 1993, 47, 14075-14083.	3.2	169
87	Pressure-induced phase transitions and volume changes inHfO2up to 50 GPa. Physical Review B, 1993, 48, 93-98.	3.2	96
88	Structural phase transitions in crystals. II. Statistical analysis. Phase Transitions, 1992, 38, 221-228.	1.3	10
89	Structural phase transitions in crystals. I. Database. Phase Transitions, 1992, 38, 127-220.	1.3	188
90	Comments on the â€œeffect of Î³-radiation on the phase transition temperature of Li0.5(NH4)0.5SO4â€•by Badr and El-Guiziri. Journal of Physics and Chemistry of Solids, 1990, 51, 1433.	4.0	0

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91	Data-base for structual phase transitions at high pressures. High Pressure Research, 1990, 4, 520-522.	1.2	4
92	Dielectric measurements and domain structure in LiKSO4 at low temperatures. Journal of Physics C: Solid State Physics, 1985, 18, 4593-4593.	1.5	2
93	Dielectric measurements and domain structure in LiKSO4at low temperatures. Journal of Physics C: Solid State Physics, 1985, 18, 915-923.	1.5	46
94	X-ray study of the low-temperature phase transitions in LiKSO₄. Phase Transitions, 1983, 4, 37-45.	1.3	79
95	X-ray and optical study of the phase transition in LiCsSO4. Phase Transitions, 1981, 2, 141-149.	1.3	53
96	Thermal expansion of lithium ammonium sulphate. Physica Status Solidi A, 1979, 56, 467-472.	1.7	25
97	Komentarz do artykuÅ‚u Mariusza W. Majewskiego opublikowanego w Studia Historiae Scientiarum 17 (2018), ss. 89â€“117. Studia Historiae Scientiarum, 0, 18, 517-529.	0.6	1
98	Comment on â€œStructural, dielectric, and magnetic characteristics of Bi(Ni0.25Ti0.25Fe0.50)O3 ceramicsâ€•[J. Mater. Sci.: Mater. Electron. 27, 1209 (2016)]; â€œStructural and electrical characteristics of (Co, Ti)-modified BiFeO3â€•[J. Mater. Sci.: Mater. Electron. 27, 7115 (2016)]; â€œStructural, electrical, and magnetic characteristics of Ni/Ti-modified BiFeO3 lead-free multiferroic materialâ€•[J. Mater. Sci.: Mater. Electron. 28, 6673 (2017)]. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	1
99	Reply to comment on â€œStructural, dielectric, and magnetic characteristics of Bi(Ni0.25Ti0.25Fe0.50)O3 ceramicsâ€•[J. Mater. Sci.: Mater. Electron. 27, 1209 (2016)]; â€œStructural and electrical characteristics of (Co, Ti)-modified BiFeO3â€•[J. Mater. Sci.: Mater. Electron. 27, 7115 (2016)]; â€œStructural, electrical, and magnetic characteristics of Ni/Ti-modified BiFeO3 lead-free multiferroic materialâ€•[J. Mater. Sci.: Mater. Electron. 28, 6673 (2017)]. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	0