Vladimir Yu Ivanov

List of Publications by Year
in descending order

62	407	840776 11	888059 17
papers	citations	h-index	g-index

62	62	62	351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of irradiation of ZnO/CdS/Cu2ZnSnSe4/Mo/glass solar cells by 10ÂMeV electrons on photoluminescence spectra. Materials Science in Semiconductor Processing, 2021, 121, 105301.	4.0	4
2	Temperature dependent quantum cutting in cubic BaGdF₅:Eu³⁺ nanophosphors. New Journal of Chemistry, 2021, 45, 1463-1473.	2.8	5
3	Ultrasonic relaxation of TeWB glasses at low temperatures. Results in Physics, 2021, 26, 104336.	4.1	0
4	Luminescence of Pr3+ Impurity Centers and Defects in Sr9Sc (PO4)7:Pr3+. Physics of the Solid State, 2019, 61, 758-762.	0.6	7
5	Non-radiation creation of complex centers in wide-gap oxide crystals. Radiation Measurements, 2019, 123, 74-77.	1.4	1
6	The manifestation of excitons in low-temperature luminescence spectra of solid solutions of zinc and nickel oxides. Low Temperature Physics, 2019, 45, 224-227.	0.6	0
7	Low-temperature luminescence and thermally stimulated luminescence of BeO: Mg single crystals. Physics of the Solid State, 2018, 60, 134-146.	0.6	4
8	Luminescence spectroscopy of excitons in Zn1â^'xNixO oxides. Physica B: Condensed Matter, 2018, 536, 572-575.	2.7	0
9	Thermally stimulated processes in Li and Cu doped alkali fluorides irradiated with electron beams of ultra-high dose. Journal of Physics: Conference Series, 2017, 830, 012143.	0.4	1
10	Low-temperature luminescence and thermoluminescence from BeO:Zn single crystals. Optical Materials, 2016, 62, 219-226.	3.6	9
11	pâ€d charge transfer excitons in Zn_{1â€x}Ni_xO under inner shell excitation. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 610-613.	0.8	3
12	Thermoluminescence and low-temperature luminescence of beryllium oxide. Radiation Measurements, 2016, 90, 14-17.	1.4	6
13	Luminescence and EPR spectroscopy of neutron-irradiated single crystals of magnesium aluminium spinel. Radiation Measurements, 2016, 90, 122-126.	1.4	17
14	Low-temperature photoluminescence in NixMg1â^'xO nanocrystals. Low Temperature Physics, 2015, 41, 233-235.	0.6	0
15	Exciton Lines in Luminescence Spectra of NixZn1-xO under Inner Shell Excitation. Physics Procedia, 2015, 76, 120-124.	1.2	3
16	Photoluminescence and X-ray fluorescence of complex oxides upon selective photon excitation. Journal of Surface Investigation, 2015, 9, 1016-1021.	0.5	1
17	The influence of temperature on narrow I 1 and I 2 lines in the luminescence spectrum of Ni0.6Zn0.4O. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 116, 798-801.	0.6	4
18	Luminescence properties of Li6GdB3O9:Ce crystal fibers upon their excitation in the range of 4d â†' 4f core transitions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 115, 68-78.	0.6	5

#	Article	IF	Citations
19	Self-trapping of the d-d charge transfer exciton in rock-salt structured Zn1-x Ni x O evidenced by soft X-ray excited luminescence. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1329-1335.	0.8	1
20	Ce-doped Li6Ln(BO3)3 (Ln=Y, Gd) Single crystals fibers grown by micro-pulling down method and luminescence properties. Optical Materials, 2013, 35, 868-874.	3.6	21
21	Ion channeling in CuInSe2 single crystals. Nuclear Instruments & Methods in Physics Research B, 2013, 299, 24-28.	1.4	1
22	Luminescence of LaBr3:Ce,Hf scintillation crystals under UV-VUV and X-ray excitation. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012047.	0.6	1
23	Unusual x-ray excited luminescence spectra of NiO suggest self-trapping of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>charge transfer exciton. Physical Review B, 2012, 86, .	3.2	42
24	Self-trapping of the d-d charge transfer exciton in bulk NiO evidenced by X-ray excited luminescence. JETP Letters, 2012, 95, 528-533.	1.4	6
25	Ultraviolet luminescence of Li6Gd(BO3)3: Ce crystals under selective excitation in the region of 4d â†' 4f transitions. Physics of the Solid State, 2012, 54, 2039-2050.	0.6	6
26	Time-resolved photoluminescence of LaBr3:Ce scintillation crystals under ultrasoft X-ray excitation. Technical Physics Letters, 2012, 38, 784-788.	0.7	3
27	Low-energy charge transfer excitations in NiO. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012007.	0.6	8
28	Vacuum ultraviolet and X-ray emission spectroscopy of anion and cation excitons in oxide crystals. Journal of Surface Investigation, 2012, 6, 100-105.	0.5	1
29	The sub-bandgap energy loss satellites in the RIXS spectra of beryllium compounds. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 366-370.	1.7	2
30	Time-resolved spectroscopy of natural and synthetic BeO crystals. Journal of Surface Investigation, 2010, 4, 671-674.	0.5	1
31	Synchrotron-excited luminescence of natural zircon. Geology of Ore Deposits, 2010, 52, 679-687.	0.7	1
32	Resonant inelastic x-ray scattering and UVâ€“VUV luminescence at the Be 1s edge in BeO. Journal of Physics Condensed Matter, 2010, 22, 375505.	1.8	2
33	Energy transfer in neutron irradiated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mstyle mathvariant="normal"><mml:mi>Gd</mml:mi></mml:mstyle></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:mi>SiO</mml:mi><mml:mn>5</mml:mn></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"><mml:mi>Ce</mml:mi></mml:math>. Physics Procedia, 2009, 2, 349-352.	1.2	1
34	Thermally and optically stimulated processes in additively colored beryllium oxide crystals. Radiation Measurements, 2008, 43, 349-352.	1.4	9
35	Intrinsic luminescence of rare-earth oxyorthosilicates. Physics of the Solid State, 2008, 50, 1692-1698.	0.6	21
36	Luminescence of uranium ions in sodium fluoride crystals. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	0.6	0

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37	Resonant inelastic X-ray scattering at the Be 1s edge in BeO. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 299-302.	1.7	6
38	Luminescence spectroscopy of NaF:U bulk and fiber crystals. Journal of Luminescence, 2007, 125, 259-265.	3.1	3
39	Intrinsic luminescence in oriented BeO crystals under VUV and inner-shell excitation. Radiation Measurements, 2007, 42, 742-745.	1.4	20
40	The thermostimulated exoelectron emission of NaF:U,Me compounds after electron beam irradiation. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1028-1031.	0.8	0
41	Neutron, ion and electron induced defects in activated LiF and NaF single crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1126-1129.	0.8	5
42	Inner-shell excitation of intrinsic luminescence and resonantly excited X-ray fluorescence at Be 1s edge in oriented BeO crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 172-175.	1.6	4
43	Photoluminescence properties of NaF:U,Cu bulk and fiber crystals. Optical Materials, 2006, 28, 1123-1127.	3.6	3
44	The particularity of radiation modification of surface of (Li,Na)F single crystals for thin scintillation layers and screen preparation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 286-290.	1.6	1
45	New scintillation materials and scintiblocs for neutron and Î³-rays registration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 415-423.	1.6	8
46	Electronic Excitations in BeAl[sub 2]O[sub 4], Be[sub 2]SiO[sub 4], and Be[sub 3]Al[sub 2]Si[sub 6]O[sub 18] Crystals. Physics of the Solid State, 2005, 47, 466.	0.6	14
47	Ionoluminescence of Eu[sup 2+]â€“Eu[sup 3+] Clusters in NaF : Eu Single Crystals. Physics of the Solid State, 2005, 47, 1470.	0.6	1
48	Energy Transfer in Gd[sub 2]SiO[sub 5]â€“Ce, Y[sub 2]SiO[sub 5]â€“Ce, and Be[sub 2]La[sub 2]O[sub 5]â€“Ce Crystals during Selective VUV and Core Excitation. Physics of the Solid State, 2005, 47, 1492.	0.6	4
49	Time-resolved luminescence of complex wide-gap oxide crystals under inner-shell excitation. Radiation Measurements, 2004, 38, 575-578.	1.4	3
50	Metastable defects in beryllium oxide crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 325-329.	1.6	7
51	Time-resolved spectroscopy of complex scintillators Al2BeO4, Be2SiO4 and Al2Be3Si6O18. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 417-421.	1.6	5
52	Time-resolved luminescent VUV spectroscopy of F- and F+-centres in single BeO crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 353-357.	1.6	16
53	Electronic excitations and energy transfer in A2SiO5â€“Ce (A=Y, Lu, Gd) and Sc2SiO5 single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 358-362.	1.6	9
54	Relaxation of electronic excitations in beryllium oxide: A time-resolved vacuum-UV spectroscopy study. Physics of the Solid State, 2001, 43, 1233-1240.	0.6	21

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55	Recombination-assisted creation of cation excitons and cross-luminescence quenching in CsCl crystals at high excitation densities. Physics of the Solid State, 2000, 42, 1052-1057.	0.6	7
56	Behavior of trapped electronic excitations in oxide crystals. Radiation Effects and Defects in Solids, 1999, 150, 95-101.	1.2	1
57	Orientational effects in luminescence of wide-gap crystals under polarized synchrotron radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 405, 388-392.	1.6	0
58	Short-wavelenght luminescence and thermostimulated processes in single crystals of BeO. Radiation Measurements, 1995, 24, 417-421.	1.4	18
59	Luminescence of lithium triborate crystals under high intensity synchrotron radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 359, 339-341.	1.6	11
60	Luminescence excitation of pure and impure BeO single crystals using synchrotron radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 282, 559-562.	1.6	14
61	Luminescence excitation of colour centers in beryllium oxide. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 261, 148-149.	1.6	5
62	Electron excitation and luminescence in Bi4Ge3O12 and Bi4Si3O12 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 261, 150-152.	1.6	24