

guojian Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Multifunctional 3D Ferroelectric and NLO-Active Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2009, 131, 6894-6895.	13.7	264
2	A Series of New Infrared NLO Semiconductors, $ZnY_6Si_2S_{14}$, $AlDy_3(Si_2Al_1S_7)$, and $Al_{0.33}Sm_3Si_7$. <i>Inorganic Chemistry</i> , 2009, 48, 7059-7065.	4.0	110
3	A ferroelectric inorganic-organic hybrid based on NLO-phore stilbazolium. <i>Journal of Materials Chemistry</i> , 2009, 19, 2179.	6.7	95
4	Nonlinear optical and ferroelectric properties of a 3-D Cd(ii) triazolate complex with a novel (63)2(610Å-85) topology. <i>Chemical Communications</i> , 2008, , 2762.	4.1	80
5	Development of large size high-purity germanium crystal growth. <i>Journal of Crystal Growth</i> , 2012, 352, 27-30.	1.5	33
6	Investigation of influential factors on the purification of zone-refined germanium ingot. <i>Crystal Research and Technology</i> , 2014, 49, 269-275.	1.3	29
7	Growth and structure of Nd ³⁺ -doped $Li_3Ba_2Y_3(WO_4)_8$ crystal with a disorder structure. <i>CrystEngComm</i> , 2010, 12, 1307-1310.	2.6	25
8	Growth and spectral properties of Cr ³⁺ :KAl(MoO ₄) ₂ crystal. <i>Materials Letters</i> , 2007, 61, 3886-3889.	2.6	22
9	Growth and spectral properties of -doped $Li_3Ba_2Y_3(MoO_4)_8$ crystal. <i>Journal of Crystal Growth</i> , 2007, 308, 208-212.	1.5	21
10	Spectroscopic characteristic and energy levels of Cr ³⁺ in Cr ³⁺ :KAl(MoO ₄) ₂ crystal. <i>Journal of Luminescence</i> , 2008, 128, 1556-1560.	3.1	21
11	Growth and spectroscopic characteristics of Cr ³⁺ :CsAl(MoO ₄) ₂ crystal. <i>Journal of Alloys and Compounds</i> , 2010, 489, 293-296.	5.5	21
12	Dislocation density control in high-purity germanium crystal growth. <i>Journal of Crystal Growth</i> , 2014, 393, 54-58.	1.5	21
13	Crystal growth and spectral properties of Nd ³⁺ :Ca ₉ Gd(VO ₄) ₇ crystal. <i>Journal of Crystal Growth</i> , 2011, 314, 331-335.	1.5	20
14	Crystal growth and detector performance of large size High-purity Ge crystals. <i>Materials Science in Semiconductor Processing</i> , 2015, 39, 54-60.	4.0	20
15	Growth, Structure, and Optical Properties of the Cr ³⁺ :K _{0.6} (Mg _{0.3} Sc _{0.7}) ₂ (MoO ₄) ₃ Crystal. <i>Crystal Growth and Design</i> , 2011, 11, 3895-3899.		
16	Growth, structure and spectroscopic characteristics of Nd ³⁺ -doped high temperature phase β -LaBMoO ₆ crystal. <i>Optical Materials</i> , 2009, 31, 849-853.	3.6	18
17	Spectral characterization and energy levels of Cr ³⁺ :Sc ₂ (MoO ₄) ₃ crystal. <i>Journal of Luminescence</i> , 2009, 129, 1398-1400.	3.1	16
18	High purity germanium crystal growth at the University of South Dakota. <i>Journal of Physics: Conference Series</i> , 2015, 606, 012012.	0.4	14

#	ARTICLE	IF	CITATIONS
19	Growth and spectral properties of Tm ³⁺ /Er ³⁺ :NaGd(MoO ₄) ₂ single crystal. Journal of Luminescence, 2008, 128, 451-456.	3.1	13
20	Growth and optical properties of Ho ³⁺ :NaGd(MoO ₄) ₂ crystal. Optical Materials, 2008, 30, 1873-1877.	3.6	13
21	Growth and spectral properties of Yb ³⁺ -doped Li ₃ Ba ₂ Y ₃ (MoO ₄) ₈ crystal. Journal of Alloys and Compounds, 2009, 478, 423-426.	5.5	13
22	Effect of annealing on contact performance and electrical properties of p-type high purity germanium single crystal. Applied Physics A: Materials Science and Processing, 2013, 113, 207-213.	2.3	13
23	Growth and spectroscopic properties of Ho ³⁺ doped Sr ₃ Y ₂ (BO ₃) ₄ crystal. Optical Materials, 2008, 30, 1495-1498.	3.6	11
24	Radial and axial impurity distribution in high-purity germanium crystals. Journal of Crystal Growth, 2012, 352, 43-46.	1.5	11
25	Growth and spectral properties of NaNd(MoO ₄) ₂ crystal. Materials Research Innovations, 2011, 15, 279-282.	2.3	9
26	Growth and spectroscopic characteristics of Cr ³⁺ :KSc(WO ₄) ₂ Crystal. Optical Materials, 2012, 34, 1120-1123.	3.6	9
27	Growth and thermal properties of Cr ³⁺ :KAl(MoO ₄) ₂ crystal. Journal of Crystal Growth, 2008, 310, 624-628.	1.5	8
28	Growth and spectral properties of Nd ³⁺ :Li ₃ Ba ₂ Y ₃ (WO ₄) ₈ crystal. Materials Research Innovations, 2010, 14, 419-422.	2.3	6
29	Growth and spectral properties of Cr ³⁺ /RbAl(MoO ₄) ₂ crystal. Materials Research Innovations, 2011, 15, 167-171.	2.3	4
30	The electrical properties and distribution of indium in germanium crystals. Materials Science in Semiconductor Processing, 2018, 74, 342-346.	4.0	4
31	Growth and optical characterizations of (Ba _{0.32} Sr _{0.68}) ₅ Nb ₄ O ₁₅ crystal. Materials Letters, 2006, 60, 3710-3713.	2.6	3
32	Growth and optical properties of high-quality and large-sized ultraviolet birefringent crystal of Ba _{1-x} Sr _x B ₂ O ₄ (x=0.006~0.13) solid solution. Journal of Crystal Growth, 2011, 324, 255-258.	1.5	3
33	Growth and spectral properties of Nd ³⁺ :Ba ₂ LiNb ₅ O ₁₅ crystal. Optical Materials, 2013, 35, 2703-2706.	3.6	3
34	Electrical conductivity of high-purity germanium crystals at low temperature. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	2
35	Crystal growth and spectroscopic properties of Nd ³⁺ :(Ba _{0.32} Sr _{0.68}) ₅ Nb ₄ O ₁₅ crystal. Journal of Alloys and Compounds, 2018, 751, 124-128.	5.5	2
36	Growth and spectral characterisation of Er ³⁺ doped Sr ₃ Lu ₂ (BO ₃) ₄ crystal. Materials Research Innovations, 2011, 15, 235-239.	2.3	1