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Profesor fizyki
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sport
muzyka
działka

	Wszystkie	Od 2020
Cytowania	4616	2400
h-indeks	33	21
i10-indeks	103	31

TYTUŁ	CYTOWANE PRZEZ	ROK
Super broadband near-infrared phosphors with high radiant flux as future light sources for spectroscopy applications V Rajendran, MH Fang, GND Guzman, T Lesniewski, S Mahlik, ... ACS Energy Letters 3 (11), 2679-2684	372	2018
A long cycle-life high-voltage spinel lithium-ion battery electrode achieved by site-selective doping G Liang, Z Wu, C Didier, W Zhang, J Cuan, B Li, KY Ko, PY Hung, CZ Lu, ... Angewandte Chemie 132 (26), 10681-10689	199	2020
Penetrating Biological Tissue Using Light-Emitting Diodes with a Highly Efficient Near-Infrared ScBO₃:Cr³⁺ Phosphor MH Fang, PY Huang, Z Bao, N Majewska, T Lesniewski, S Mahlik, ... Chemistry of Materials 32 (5), 2166-2171	182	2020
Chromium ion pair luminescence: a strategy in broadband near-infrared light-emitting diode design V Rajendran, MH Fang, WT Huang, N Majewska, T Lesniewski, S Mahlik, ... Journal of the American Chemical Society 143 (45), 19058-19066	178	2021
Li₂B₄O₇ glasses doped with Cr, Co, Eu and Dy SM Kaczmarek Optical Materials 19 (1), 189-194	150 *	2002
Ultra-high-efficiency near-infrared Ga₂O₃:Cr³⁺ phosphor and controlling of phytochrome MH Fang, GNA De Guzman, Z Bao, N Majewska, S Mahlik, M Grinberg, ... Journal of Materials Chemistry C 8 (32), 11013-11017	146	2020
Hidden structural evolution and bond valence control in near-infrared phosphors for light-emitting diodes MH Fang, KC Chen, N Majewska, T Lesniewski, S Mahlik, G Leniec, ... ACS Energy Letters 6 (1), 109-114	142	2020
Optical study of Yb³⁺/Yb²⁺ conversion in CaF₂ crystals SM Kaczmarek, T Tsuboi, M Ito, G Boulon, G Leniec Journal of Physics: Condensed Matter 17 (25), 3771	140 *	2005
Chromium (III)-doped fluoride phosphors with broadband infrared emission for light-emitting diodes C Lee, Z Bao, MH Fang, T Lesniewski, S Mahlik, M Grinberg, G Leniec, ... Inorganic Chemistry 59 (1), 376-385	121	2019
Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn⁴⁺-Activated Narrow Band Fluoride Phosphors MH Fang, WL Wu, Y Jin, T Lesniewski, S Mahlik, M Grinberg, MG Brik, ...	109	2018

TYTUŁ	CYTOWANE PRZEZ	ROK
Angewandte Chemie International Edition 57 (7), 1797-1801		
Ultra-broadband phosphors converted near-infrared light emitting diode with efficient radiant power for spectroscopy applications V Rajendran, T Lesniewski, S Mahlik, M Grinberg, G Leniec, ... Acs Photonics 6 (12), 3215-3224	90	2019
Crystallographic-site-specific structural engineering enables extraordinary electrochemical performance of high-voltage LiNi_{0.5}Mn_{1.5}O₄ spinel cathodes for lithium-ion ... G Liang, VK Peterson, Z Wu, S Zhang, J Hao, CZ Lu, CH Chuang, JF Lee, ... Advanced Materials 33 (44), 2101413	74	2021
Spectroscopic investigations of Cd_{0.25}Gd_{0.50}□_{0.25}WO₄: Eu³⁺- a new promising red phosphor M Guzik, E Tomaszewicz, SM Kaczmarek, J Cybińska, H Fuks Journal of Non-Crystalline Solids 356 (37), 1902-1907	67 *	2010
Scintillation yield of Bi₄Ge₃O₁₂ (BGO) pixel crystals W Drozdowski, AJ Wojtowicz, SŁM Kaczmarek, M Berkowski Physica B: Condensed Matter 405 (6), 1647-1651	63 *	2010
Surface-protected high-efficiency nanophosphors via space-limited ship-in-a-bottle synthesis for broadband near-infrared mini-light-emitting diodes MH Fang, TY Li, WT Huang, CL Cheng, Z Bao, N Majewska, S Mahlik, ... ACS Energy Letters 6 (2), 659-664	58	2021
Spectroscopic and Laser Properties of LiNbO₃: Dy³⁺ Crystals M Malinowski, P Myziak, R Piramidowicz, I Pracka, T Łukasiewicz, ... Acta Physica Polonica A 1 (90), 181-189	55 *	1996
The Czochralski growth of SrLaGa₃O₇ single crystals and their optical and lasing properties I Pracka, W Giersz, M Świrkowicz, A Pajaczkowska, S Kaczmarek, ... SPIE MILESTONE SERIES MS 164, 322-327	53 *	2000
The Czochralski growth of SrLaGa₃O₇ single crystals and their optical and lasing properties I Pracka, W Giersz, M Świrkowicz, A Pajaczkowska, S Kaczmarek, ... Materials Science and Engineering: B 26 (2-3), 201-206	53	1994
The Czochralski growth of SrLaGa₃O₇ single crystals and their optical and lasing properties I Pracka, W Giersz, M Świrkowicz, A Pajaczkowska, SM Kaczmarek, ... 11-th Conference on Solid and Liquid Crystals - Materials Science and ...	53 *	1994
Multi-site cation control of ultra-broadband near-infrared phosphors for application in light-emitting diodes GNAD Guzman, V Rajendran, Z Bao, MH Fang, WK Pang, S Mahlik, ... Inorganic Chemistry 59 (20), 15101-15110	49	2020