

Maria Bardosova

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

585
citations

759233

12
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-area flexible 2D-colloidal crystals produced directly using roll-to-roll processing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 588, 124389.	4.7	10
2	Controlled self-assembly of Langmuir-Blodgett colloidal crystal films of monodispersed silica particles on non-planar substrates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 593, 124625.	4.7	13
3	Large area colloidal photonic crystals for light trapping in flexible organic photovoltaic modules applied using a roll-to-roll Langmuir-Blodgett method. Solar Energy Materials and Solar Cells, 2018, 185, 158-165.	6.2	31
4	Large-area flexible colloidal photonic crystal film stickers for light trapping applications. Optical Materials Express, 2018, 8, 960.	3.0	17
5	Using network science and text analytics to produce surveys in a scientific topic. Journal of Informetrics, 2016, 10, 487-502.	2.9	94
6	Large Area 2D and 3D Colloidal Photonic Crystals Fabricated by a Roll-to-Roll Langmuir-Blodgett Method. Langmuir, 2016, 32, 5862-5869.	3.5	81
7	Colloidal Photonic Crystal Architectures for Advanced Light Management Applications. NATO Science for Peace and Security Series C: Environmental Security, 2015, , 119-149.	0.2	0
8	A facile method for the synthesis of highly monodisperse silica@gold@silica core-shell particles and their use in the fabrication of three-dimensional metallodielectric photonic crystals. Journal of Materials Chemistry, 2012, 22, 11978.	6.7	32
9	Planar photonic solar concentrators for building-integrated photovoltaics. Solar Energy Materials and Solar Cells, 2012, 104, 53-57.	6.2	38
10	Broadband Omnidirectional Diversion of Light in Hybrid Plasmonic-Photonic Heterocrystals. Advanced Functional Materials, 2011, 21, 4182-4192.	14.9	24
11	Tailored transmission in gold-coated colloidal photonic crystals. Proceedings of SPIE, 2010, , .	0.8	0
12	Engineered Light Scattering in Colloidal Photonic Heterocrystals. Advanced Functional Materials, 2010, 20, 853-860.	14.9	18
13	The Langmuir-Blodgett Approach to Making Colloidal Photonic Crystals from Silica Spheres. Advanced Materials, 2010, 22, 3104-3124.	21.0	151
14	Suppression of the critical angle of diffraction in thin-film colloidal photonic crystals. Physical Review B, 2010, 82, .	3.2	19
15	Omnidirectional Broadband Scattering in Metal-Dielectric Colloidal Photonic Hetero-Crystals. , 2010, , .		1
16	Polarisation anisotropy in colloidal photonic crystals. , 2009, , .		1
17	Langmuir-Blodgett assembly of colloidal photonic crystals using silica particles prepared without the use of surfactant molecules. Journal of Colloid and Interface Science, 2009, 333, 816-819.	9.4	27
18	Transmission spectrum transformation at photonic hetero-crystal interfaces — Polarization anisotropy. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
19	Modification of emission of CdTe nanocrystals by the local field of Langmuir–Blodgett colloidal photonic crystals. Journal of Applied Physics, 2008, 104, 103118.	2.5	9
20	Light transmission and scattering in engineered colloidal hetero-crystals. Proceedings of SPIE, 2008, , .	0.8	0
21	Novel photonic crystal thin films using the Langmuir–Blodgett approach. Physica B: Condensed Matter, 2007, 394, 233-237.	2.7	17