

Alexey A Shimkin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and spectral properties of a novel family of photochromic diarylethenes-2,3-diarylcyclopent-2-en-1-ones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 233, 1-14.	3.9	60
2	Merocyanines: Synthesis and Application. <i>Topics in Heterocyclic Chemistry</i> , 2008, , 75-105.	0.2	42
3	New photosensitive polymer composites based on oriented porous polyethylene filled with azobenzene-containing LC mixture: reversible photomodulation of dichroism and birefringence. <i>Liquid Crystals</i> , 2008, 35, 533-539.	2.2	38
4	Regio- and Chemoselective Bromination of 2,3-Diarylcyclopent-2-en-1-ones. <i>Journal of Organic Chemistry</i> , 2012, 77, 8112-8123.	3.2	37
5	Isomerization of 3H- to 2H-[1]Benzothieno[3,2-b]pyrroles and Synthesis of the First Merocyanine Dyes Based on Them. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2087-2092.	2.4	27
6	Synthesis and photochromic properties of oxime derivatives of 2,3-diarylcyclopent-2-en-1-ones. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1717-1725.	2.9	23
7	Acylation of Meldrum's acid with arylacetic acid imidazolides as a convenient method for the synthesis of 4-aryl-3-oxobutanoates. <i>Russian Chemical Bulletin</i> , 2011, 60, 139-142.	1.5	21
8	Photochromic Dihetarylethenes: XVII. New Synthesis of Photochromic N-Alkyldithienylmaleimides. <i>Russian Journal of Organic Chemistry</i> , 2002, 38, 1335-1338.	0.8	18
9	Synthesis and Spectral Properties of Fluorescent Dithienylmaleimides. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 889-893.	3.2	14
10	Thermal decomposition of iron cyano complexes in an inert atmosphere. <i>Russian Chemical Bulletin</i> , 2015, 64, 322-328.	1.5	14
11	Crystal structures and thermal behaviour of double complex compounds incorporating the [Cr{CO(NH ₂) ₂] ₆] ³⁺ cation. <i>Journal of Molecular Structure</i> , 2017, 1147, 388-396.	3.6	14
12	Photochromic composites based on porous stretched polyethylene filled by nematic liquid crystal mixtures. <i>Polymers for Advanced Technologies</i> , 2010, 21, 100-112.	3.2	13
13	Thermal behavior of binary complex compounds containing the hexacyanoferrate anion. <i>Russian Journal of General Chemistry</i> , 2017, 87, 2212-2223.	0.8	12
14	7-Nitro- and 7-aminosubstituted spiropyrans of 1-benzothieno[3,2-b]pyrrole. <i>Dyes and Pigments</i> , 2010, 84, 19-24.	3.7	11
15	Methods for the determination of the gel time of polymer resins and prepregs. <i>Russian Journal of General Chemistry</i> , 2016, 86, 1488-1493.	0.8	11
16	Photo-optical properties of polymer composites based on stretched porous polyethylene filled with photoactive cholesteric liquid crystal. <i>Liquid Crystals</i> , 2007, 34, 791-797.	2.2	9
17	Optimization of DSC calibration procedure. <i>Thermochimica Acta</i> , 2013, 566, 71-76.	2.7	9
18	Synthesis and structure of spirooxazines of the thieno[3,2-b]pyrroline series. <i>Arkivoc</i> , 2005, 2005, 72-81.	0.5	8

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19	Synthesis of photochromic 2,3-bis(2,5-dimethyl-3-thienyl)-3-cyanoacrylates by the Beckmann rearrangement of a cyclobutenedione derivative. <i>Mendeleev Communications</i> , 2004, 14, 202-204.	1.6	7
20	Synthesis and spectral kinetic study of photoinduced processes of photochromic nitro-substituted indoline and benzothienopyrroline spiropyrans in solutions. <i>Russian Chemical Bulletin</i> , 2010, 59, 828-832.	1.5	7
21	Synthesis of thieno[3.2-b]pyrrolenine derivatives under the Fischer reaction conditions. <i>Russian Chemical Bulletin</i> , 2005, 54, 738-742.	1.5	5
22	Synthesis of spiropyrans and merocyanine dyes based on 1-benzothieno[3,2-b]pyrrole. <i>Russian Chemical Bulletin</i> , 2009, 58, 380-386.	1.5	5
23	Regioselective C-alkylation of alkyl 4-hydroxy-2-methylthiophene-3-carboxylates with α -halo ketones. <i>Russian Chemical Bulletin</i> , 2004, 53, 631-634.	1.5	4
24	Synthesis and Photochromism of Dihetarylethenes and Spiro Compounds based on Thiophene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 329-335.	0.9	4
25	Synthesis of Novel Photochromic Spiro Compounds based on Thieno[3,2-b]Pyrroles. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 307-313.	0.9	4
26	Convenient synthesis of diarylpropargyl alcohols. <i>Mendeleev Communications</i> , 2011, 21, 339-340.	1.6	4
27	Novel photochromic spiro compounds based on thieno[3,2-b]pyrroles. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 845-850.	1.9	3
28	Efficient Methods for the Synthesis of Thieno[3,2-b]thiophene and Thieno[3,2-b]furan Derivatives. <i>Synthesis</i> , 2009, 2009, 3803-3806.	2.3	3
29	THERMAL BEHAVIOR OF DOUBLE COMPLEXES $[\text{Co}(\text{NH}_3)_6][\text{Fe}(\text{CN})_6]$ AND $[\text{Co}(\text{en})_3][\text{Fe}(\text{CN})_6]\cdot 2\text{H}_2\text{O}$. <i>ChemChemTech</i> , 2018, 61, 49.	0.3	3
30	Fischer Synthesis of 1H- and 3H-[1]Benzothieno[3,2-b]pyrroles. <i>Synthesis</i> , 2007, 2007, 2706-2710.	2.3	2
31	A specific intramolecular interaction in a bis(2-thienyl)maleimide derivative. <i>Russian Chemical Bulletin</i> , 2011, 60, 595-597.	1.5	2
32	An Environmentally Friendly Synthesis of Michler's Ketone Analogues in Water. <i>Synthesis</i> , 2012, 2012, 527-531.	2.3	2
33	Thermochemical transformations of polycarbosilane precursors into a ceramic matrix. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 796-802.	0.5	2
34	An investigation of the effect of Rolivsan on the process of synthesis of ceramic matrix from polycarbosilane precursor. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 173-178.	0.5	2
35	Influence of phosphazenes of various structures on the curing parameters and thermal oxidative degradation of oligomethylphenylsiloxane. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 1344-1349.	0.5	1
36	Curing of diphthalonitrile resin. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 263-270.	0.5	1

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37	Polyfunctional cyanate esters for preparing composite materials. Russian Journal of Applied Chemistry, 2014, 87, 1908-1912.	0.5	0
38	Investigation of the Making of High-Modulus Sodium Silicate from Sulfate Batch Without Using a Reducer. Glass and Ceramics (English Translation of Steklo I Keramika), 2014, 71, 233-235.	0.6	0