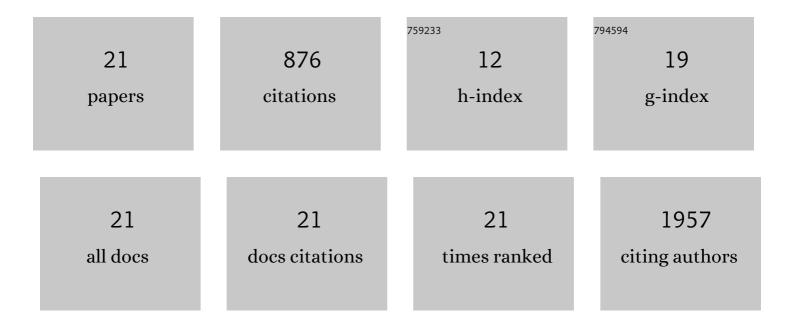
## Alexander A Bessonov

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Layered memristive and memcapacitive switches for printable electronics. Nature Materials, 2015, 14, 199-204.	27.5	423
2	Highly reproducible printable graphite strain gauges for flexible devices. Sensors and Actuators A: Physical, 2014, 206, 75-80.	4.1	90
3	Compound Quantum Dot–Perovskite Optical Absorbers on Graphene Enhancing Short-Wave Infrared Photodetection. ACS Nano, 2017, 11, 5547-5557.	14.6	87
4	Nickel and copper conductive patterns fabricated by reactive inkjet printing combined with electroless plating. Materials Letters, 2014, 132, 302-306.	2.6	50
5	Dimethylgold(III) carboxylates as new precursors for gold CVD. Surface and Coatings Technology, 2007, 201, 9099-9103.	4.8	35
6	Nanoimprint patterning for tunable light trapping in large-area silicon solar cells. Solar Energy Materials and Solar Cells, 2011, 95, 2886-2892.	6.2	34
7	Vapor pressure of some volatile iridium(I) compounds with carbonyl, acetylacetonate and cyclopentadienyl ligands. Journal of Thermal Analysis and Calorimetry, 2009, 96, 261-266.	3.6	27
8	Synthesis, crystal structure and thermal behavior of dimethylgold(III) derivatives of salicylaldimine Schiff bases – Novel precursors for gold MOCVD applications. Journal of Organometallic Chemistry, 2008, 693, 2572-2578.	1.8	22
9	Synthesis, crystal structure, and thermal behavior of dimethylgold(III) acetate. Journal of Structural Chemistry, 2007, 48, 282-288.	1.0	16
10	Design of Patterned Surfaces with Selective Wetting Using Nanoimprint Lithography. Macromolecular Chemistry and Physics, 2010, 211, 2636-2641.	2.2	16
11	Direct-write printing of reactive oligomeric alkoxysilanes as an affordable and highly efficient route for promoting local adhesion of silver inks on polymer substrates. Journal of Materials Chemistry C, 2016, 4, 2211-2218.	5.5	16
12	Control over pattern fidelity and surface wettability of imprinted templates for flexible color filter manufacturing. Microelectronic Engineering, 2011, 88, 2913-2918.	2.4	15
13	Thermal behaviour of dimethylgold(III) carboxylates. Journal of Thermal Analysis and Calorimetry, 2008, 92, 751-755.	3.6	12
14	66â€4: <i>Invited Paper:</i> Graphene Enhanced QD Image Sensor Technology. Digest of Technical Papers SID International Symposium, 2021, 52, 987-990.	0.3	11
15	Vibrational interactions in dimethylgold(III) halides and carboxylates. Vibrational Spectroscopy, 2009, 51, 283-288.	2.2	8
16	Crystal structure of dimethylgold(III) 8-hydroxyquinolinate and 8-mercaptoquinolinate. Journal of Structural Chemistry, 2008, 49, 64-68.	1.0	6
17	Lewis Acid Effects in Mesitylene Amination in the System NaN3MHlgnHCl. Russian Journal of Organic Chemistry, 2004, 40, 755-756.	0.8	5
18	Pulse CVD Deposition of Ru Films from Ru(II) ή3-Allylic Complex. ECS Transactions, 2009, 25, 881-885.	0.5	2

#	Article	IF	CITATIONS
19	Dimethyl[2-(phenyliminomethyl)phenolato-κ2N,O]gold(III). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m3154-m3154.	0.2	1
20	10.1007/s11173-008-1011-2. , 2010, 34, 70.		0
21	10.1007/s11173-008-3006-4. , 2010, 34, 186.		0