

# Andrey A Berezin

## List of Publications by Year in descending order

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21  
papers

646  
citations

567281

15  
h-index

752698

20  
g-index

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docs citations

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times ranked

560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing Selectivity and Sensitivity in Ion Sensing via Supramolecular Recognition: A 3D Hybrid Gold Nanoparticle Network Chemiresistor. <i>Advanced Functional Materials</i> , 2021, 31, 2008554.	14.9	10
2	Organic room-temperature phosphorescence from halogen-bonded organic frameworks: hidden electronic effects in rigidified chromophores. <i>Chemical Science</i> , 2021, 12, 767-773.	7.4	34
3	Chemiresistors: Harnessing Selectivity and Sensitivity in Ion Sensing via Supramolecular Recognition: A 3D Hybrid Gold Nanoparticle Network Chemiresistor ( <i>Adv. Funct. Mater.</i> 10/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170067.	14.9	0
4	Polymorphism in a $\pi$ -stacked Blatter radical: structures and magnetic properties of 3-(phenyl)-1-(pyrid-2-yl)-1,4-dihydrobenzo[e][1,2,4]triazin-4-yl. <i>CrystEngComm</i> , 2020, 22, 5453-5463.	2.6	10
5	Ferromagnetic interactions in a 1D Heisenberg linear chain of 1-phenyl-3,7-bis(trifluoromethyl)-1,4-dihydro-1,2,4-benzotriazin-4-yls. <i>CrystEngComm</i> , 2019, 21, 4599-4606.	2.6	10
6	Tailored Synthesis of N-Substituted peri-Xanthenoxanthene Diimide (PXXDI) and Monoimide (PXXMI) Scaffolds. <i>Journal of Organic Chemistry</i> , 2018, 83, 13787-13798.	3.2	22
7	Oxygen-Doped Zig-Zag Molecular Ribbons. <i>Angewandte Chemie</i> , 2018, 130, 9080-9084.	2.0	12
8	Oxygen-Doped Zig-Zag Molecular Ribbons. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8942-8946.	13.8	35
9	Preparation of Blatter Radicals via Aza-Wittig Chemistry: The Reaction of <i>N</i> -Aryliminophosphoranes with 1-(Het)aryl-2-aryldiazenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7564-7575.	3.2	63
10	The Suppression of Columnar $\pi$ -Stacking in 3-Adamantyl-1-phenyl-1,4-dihydrobenzo[e][1,2,4]triazin-4-yl. <i>Molecules</i> , 2016, 21, 636.	3.8	17
11	Discovery of anti-cancer activity for benzo[1,2,4]triazin-7-ones: Very strong correlation to pleurotin and thioredoxin reductase inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3565-3570.	3.0	20
12	Tetraphenylhexaazaanthracenes: 16 $\pi$ Weakly Antiaromatic Species with Singlet Ground States. <i>Organic Letters</i> , 2015, 17, 4026-4029.	4.6	20
13	Rational Synthesis of AB-Type <i>N</i> -Substituted Core-Functionalized Naphthalene Diimides (cNDIs). <i>Organic Letters</i> , 2015, 17, 1870-1873.	4.6	28
14	Benzotriazinyl-mediated controlled radical polymerization of styrene. <i>Polymer International</i> , 2014, 63, 674-679.	3.1	53
15	Structural, Magnetic, and Computational Correlations of Some Imidazolo-Fused 1,2,4-Benzotriazinyl Radicals. <i>Chemistry - A European Journal</i> , 2014, 20, 5388-5396.	3.3	40
16	Route to Benzo- and Pyrido-Fused 1,2,4-Triazinyl Radicals via <i>N</i> -(Het)aryl- <i>N</i> -(2-nitro(het)aryl)hydrazides. <i>Journal of Organic Chemistry</i> , 2014, 79, 314-327.	3.2	75
17	Effective exchange coupling in alternating-chains of a $\pi$ -extended 1,2,4-benzotriazin-4-yl. <i>New Journal of Chemistry</i> , 2014, 38, 949-954.	2.8	27
18	Ring contraction of 1,3-diphenylbenzo[1,2,4]triazinyl radicals to 1,2-diphenylbenzimidazoles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1641-1648.	2.8	12

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19	A Magnetostructural Investigation of an Abrupt Spin Transition for 1-Phenyl-3-trifluoromethyl-1,4-dihydrobenzo[ <i>e</i> ][1,2,4]triazin-4-yl. <i>Journal of the American Chemical Society</i> , 2014, 136, 11906-11909.	13.7	66
20	Synthesis and properties of imidazolo-fused benzotriazinyl radicals. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6780.	2.8	46
21	From Blatter Radical to 7-Substituted 1,3-Diphenyl-1,4-dihydrothiazolo[5 <i>a</i> ,4 <i>e</i> :4,5]benzo[1,2- <i>e</i> ][1,2,4]triazin-4-yls: Toward Multifunctional Materials. <i>Organic Letters</i> , 2012, 14, 5586-5589.	4.6	46