

# Igor A Prokhorenko

## List of Publications by Year in descending order

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28  
papers

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citations

758635

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752256

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33  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	1-(Phenylethynyl)pyrene and 9,10-Bis(phenylethynyl)anthracene, Useful Fluorescent Dyes for DNA Labeling: Excimer Formation and Energy Transfer. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1298-1307.	1.2	71
2	Conjugates of oligonucleotides with polyaromatic fluorophores as promising DNA probes   This paper was a finalist for the Biosensors & Bioelectronics Award for the most original contribution to the Congress. <i>Biosensors and Bioelectronics</i> , 1998, 13, 771-778.	5.3	59
3	New Pyrene Derivatives for Fluorescent Labeling of Oligonucleotides. <i>Nucleosides &amp; Nucleotides</i> , 1997, 16, 1461-1464.	0.5	34
4	Practical Synthesis of Isomerically Pure 5- and 6-Carboxytetramethylrhodamines, Useful Dyes for DNA Probes. <i>Bioconjugate Chemistry</i> , 2009, 20, 1673-1682.	1.8	27
5	Two-dye and one- or two-quencher DNA probes for real-time PCR assay: synthesis and comparison with a TaqMan <sup>®</sup> probe. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 59-68.	1.9	25
6	Incorporation of a pyrene nucleoside analogue into synthetic oligodeoxynucleotides using a nucleoside-like synthon. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 2081-2084.	1.0	19
7	Reagents for Multiple Non-Radioactive Labelling of Oligonucleotides. <i>Synthetic Communications</i> , 1996, 26, 2531-2547.	1.1	19
8	Reactive trityl derivatives: stabilised carbocation mass-tags for life sciences applications. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4593.	1.5	17
9	Design of molecular beacons: 3' couple quenchers improve fluorogenic properties of a probe in real-time PCR assay. <i>Analyst</i> , 2014, 139, 2867-2872.	1.7	17
10	Phenylethynylpyrene-labeled oligonucleotide probes for excimer fluorescence SNP analysis of 23S rRNA gene in clarithromycin-resistant <i>Helicobacter pylori</i> strains. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 599, 144-151.	0.4	15
11	Investigation of the complex antibiotic INA-5812. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 664-671.	0.3	14
12	Astolides A and B, antifungal and cytotoxic naphthoquinone-derived polyol macrolactones from <i>Streptomyces hygrosopicus</i> . <i>Tetrahedron</i> , 2018, 74, 7442-7449.	1.0	14
13	Gausemycins A, B: Cyclic Lipoglycopeptides from <i>Streptomyces</i> sp. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18694-18703.	7.2	14
14	Tetrahedral DNA conjugates from pentaerythritol-based polyazides. <i>Tetrahedron</i> , 2016, 72, 2386-2391.	1.0	12
15	Modification of quantum dots with nucleic acids. <i>Russian Chemical Reviews</i> , 2011, 80, 1209-1221.	2.5	9
16	Derivatization of Aminoglycoside Antibiotics with Tris(2,6-dimethoxyphenyl)carbenium Ion. <i>Acta Naturae</i> , 2016, 8, 128-135.	1.7	9
17	Design of 2'-phenylethynylpyrene excimer forming DNA/RNA probes for homogeneous SNP detection: The attachment manner matters. <i>Tetrahedron</i> , 2017, 73, 3220-3230.	1.0	7
18	Oligonucleotide Conjugates of Nile Red. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 509-520.	0.4	6

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19	Phenylethynylpyrene Excimer Forming Hybridization Probes for Fluorescence SNP Detection. <i>Methods in Molecular Biology</i> , 2009, 578, 209-222.	0.4	5
20	Crystallomycin revisited after 60 years: aspartocins B and C. <i>MedChemComm</i> , 2018, 9, 667-675.	3.5	5
21	Amicoumacins and Related Compounds: Chemistry and Biology. <i>Studies in Natural Products Chemistry</i> , 2018, 55, 385-441.	0.8	5
22	Molecular beacons with JOE dye: Influence of linker and 3' couple quencher. <i>Molecular and Cellular Probes</i> , 2016, 30, 285-290.	0.9	4
23	Reagents For The Selective Immobilization Of Oligonucleotides On Solid Supports. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 809-813.	0.4	2
24	Non-Nucleoside Phosphoramidites of Xanthene Dyes (FAM, JOE, and TAMRA) for Oligonucleotide Labeling. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2013, 52, Unit 4.55.	0.5	1
25	Dianhydrides of 1(4)-substituted 7,8-diphenylbicyclo[2.2.2]oct-7-ene-2,3,5,6-tetracarboxylic acids. <i>Mendeleev Communications</i> , 2017, 27, 446-447.	0.6	1
26	Phosphoramidite reagents and solid-phase supports based on hydroxyprolinol for the synthesis of modified oligonucleotides. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 386-396.	0.3	1
27	Gausemycins A,B: Cyclic Lipoglycopeptides from <i>Streptomyces</i> sp. **. <i>Angewandte Chemie</i> , 2021, 133, 18842-18851.	1.6	1
28	Innentitelbild: Gausemycins A,B: Cyclic Lipoglycopeptides from <i>Streptomyces</i> sp. ( <i>Angew. Chem.</i> )	1.6	1