

# Safacan Kolemen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9174278/safacan-kolemen-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

2,981  
citations

21  
h-index

40  
g-index

40  
ext. papers

3,396  
ext. citations

8.6  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
34	Selective manipulation of ICT and PET Processes in styryl-Bodipy derivatives: applications in molecular logic and fluorescence sensing of metal ions. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 8029-36	16.4	343
33	Molecular logic gates: the past, present and future. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 2228-2248	58.5	316
32	Activatable Photosensitizers: Agents for Selective Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1604053	15.6	293
31	Designing excited states: theory-guided access to efficient photosensitizers for photodynamic action. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11937-41	16.4	281
30	Optimization of distyryl-Bodipy chromophores for efficient panchromatic sensitization in dye sensitized solar cells. <i>Chemical Science</i> , <b>2011</b> , 2, 949	9.4	233
29	Tetrastyryl-Bodipy dyes: convenient synthesis and characterization of elusive near IR fluorophores. <i>Organic Letters</i> , <b>2009</b> , 11, 4644-7	6.2	198
28	Reaction-based BODIPY probes for selective bio-imaging. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 354, 121-134	23.2	196
27	Solid-state dye-sensitized solar cells using red and near-IR absorbing Bodipy sensitizers. <i>Organic Letters</i> , <b>2010</b> , 12, 3812-5	6.2	168
26	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3606-10	16.4	136
25	Chromogenic and fluorogenic sensing of biological thiols in aqueous solutions using BODIPY-based reagents. <i>Organic Letters</i> , <b>2013</b> , 15, 216-9	6.2	131
24	Intracellular modulation of excited-state dynamics in a chromophore dyad: differential enhancement of photocytotoxicity targeting cancer cells. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5340-4	16.4	119
23	Heavy atom free singlet oxygen generation: doubly substituted configurations dominate S1 states of bis-BODIPYs. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 4516-27	4.2	103
22	Designing an intracellular fluorescent probe for glutathione: two modulation sites for selective signal transduction. <i>Organic Letters</i> , <b>2014</b> , 16, 3260-3	6.2	94
21	Designing Excited States: Theory-Guided Access to Efficient Photosensitizers for Photodynamic Action. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12143-12147	3.6	60
20	Atropisomeric dyes: axial chirality in orthogonal BODIPY oligomers. <i>Organic Letters</i> , <b>2014</b> , 16, 660-3	6.2	44
19	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3670-3674	3.6	35
18	Synthesis and dye sensitized solar cell applications of Bodipy derivatives with bis-dimethylfluorenyl amine donor groups. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 4086-4092	3.6	34

17	Intracellular Modulation of Excited-State Dynamics in a Chromophore Dyad: Differential Enhancement of Photocytotoxicity Targeting Cancer Cells. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5430-5434	3.6	33
16	Design and characterization of Bodipy derivatives for bulk heterojunction solar cells. <i>Tetrahedron</i> , <b>2014</b> , 70, 6229-6234	2.4	27
15	Tuning the Color Palette of Fluorescent Copper Sensors through Systematic Heteroatom Substitution at Rhodol Cores. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 1844-1852	4.9	23
14	Thioether Coordination Chemistry for Molecular Imaging of Copper in Biological Systems. <i>Israel Journal of Chemistry</i> , <b>2016</b> , 56, 724-737	3.4	22
13	Designing BODIPY-based probes for fluorescence imaging of $\beta$ -Amyloid plaques. <i>RSC Advances</i> , <b>2014</b> , 4, 51032-51037	3.7	21
12	Generation of Singlet Oxygen by Persistent Luminescent Nanoparticle Photosensitizer Conjugates: A Proof of Principle for Photodynamic Therapy without Light. <i>ChemPhotoChem</i> , <b>2017</b> , 1, 183-187	3.3	15
11	Mitochondria-Targeting Selenophene-Modified BODIPY-Based Photosensitizers for the Treatment of Hypoxic Cancer Cells. <i>ChemMedChem</i> , <b>2019</b> , 14, 1879-1886	3.7	15
10	Recent Advances in Cyanine-Based Phototherapy Agents. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 707876	5	8
9	Resorufin Enters the Photodynamic Therapy Arena: A Monoamine Oxidase Activatable Agent for Selective Cytotoxicity. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 2491-2496	4.3	7
8	A facile synthesis of mesoporous graphitic carbon nitride supported palladium nanoparticles as highly effective and reusable catalysts for Stille coupling reactions under mild conditions. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 6714-6723	3.6	6
7	Singlet oxygen probes: Diversity in signal generation mechanisms yields a larger color palette. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 429, 213641	23.2	6
6	A leucine aminopeptidase activatable photosensitizer for cancer cell selective photodynamic therapy action. <i>Dyes and Pigments</i> , <b>2021</b> , 195, 109735	4.6	5
5	Dual laser activatable brominated hemicyanine as a highly efficient and photostable multimodal phototherapy agent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2021</b> , 217, 112171	6.7	4
4	A hydrogen peroxide responsive resorufin-based phototheranostic agent for selective treatment of cancer cells. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109499	4.6	2
3	Balanced Intersystem Crossing in Iodinated Silicon-Fluoresceins Allows New Class of Red Shifted Theranostic Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 752-757	4.3	1
2	Development of a cysteine responsive chlorinated hemicyanine for image-guided dual phototherapy. <i>Bioorganic Chemistry</i> , <b>2022</b> , 122, 105725	5.1	0
1	Organo-soluble dendritic zinc phthalocyanine: photoluminescence and fluorescence properties. <i>Inorganic and Nano-Metal Chemistry</i> , 1-7	1.2	