

# Yavuz Dede

## List of Publications by Citations

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

40  
papers

1,701  
citations

19  
h-index

41  
g-index

45  
ext. papers

1,943  
ext. citations

6.6  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
40	A panchromatic boradiazaindacene (BODIPY) sensitizer for dye-sensitized solar cells. <i>Organic Letters</i> , <b>2008</b> , 10, 3299-302	6.2	370
39	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
38	Nanostructured organic semiconductor films for molecular detection with surface-enhanced Raman spectroscopy. <i>Nature Materials</i> , <b>2017</b> , 16, 918-924	27	149
37	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
36	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
35	Synthesis and reactivity of a mononuclear non-haem cobalt(IV)-oxo complex. <i>Nature Communications</i> , <b>2017</b> , 8, 14839	17.4	94
34	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
33	Tuning the Electronic Properties of Prussian Blue Analogues for Efficient Water Oxidation Electrocatalysis: Experimental and Computational Studies. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 4856-4863	4.8	58
32	Different Quenching Effect of Intramolecular Rotation on the Singlet and Triplet Excited States of Bodipy. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 185-193	3.8	52
31	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
30	Morphological Versatility in the Self-Assembly of Val-Ala and Ala-Val Dipeptides. <i>Langmuir</i> , <b>2015</b> , 31, 7337-45	4	33
29	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
28	A redox non-innocent ligand controls the life time of a reactive quartet excited state - an MCSCF study of [Ni(H)(OH)](+). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 12634-42	16.4	32
27	1,4,8,11,15,18,22,25-Alkylsulfanyl phthalocyanines: effect of macrocycle distortion on spectroscopic and packing properties. <i>Chemical Communications</i> , <b>2015</b> , 51, 6580-3	5.8	29
26	Luminescence of BODIPY and dipyrin: an MCSCF comparison of excited states. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 1665-9	2.8	28
25	Design and characterization of Bodipy derivatives for bulk heterojunction solar cells. <i>Tetrahedron</i> , <b>2014</b> , 70, 6229-6234	2.4	27
24	A Noble-Metal-Free Heterogeneous Photosensitizer-Relay Catalyst Triad That Catalyzes Water Oxidation under Visible Light. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17173-17177	16.4	22

23	Water Oxidation Electrocatalysis with a Cobalt-Borate-Based Hybrid System under Neutral Conditions. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 10372-10382	4.8	22
22	A fluorescent coumarin-thiophene hybrid as a ratiometric chemosensor for anions: Synthesis, photophysics, anion sensing and orbital interactions. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1108, 269-277	3.4	21
21	H-bond stabilization of a tautomeric coumarin-pyrazole-pyridine triad generates a PET driven, reversible and reusable fluorescent chemosensor for anion detection. <i>Dyes and Pigments</i> , <b>2017</b> , 141, 493-500	4.6	19
20	A Robust, Precious-Metal-Free Dye-Sensitized Photoanode for Water Oxidation: A Nanosecond-Long Excited-State Lifetime through a Prussian Blue Analogue. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4082-4090	16.4	18
19	Control of triboelectric charges on common polymers by photoexcitation of organic dyes. <i>Nature Communications</i> , <b>2019</b> , 10, 276	17.4	17
18	Reactions of 1S, 1D, and 3P carbon atoms with water. Oxygen abstraction and intermolecular formaldehyde generation mechanisms; An MCSCF study. <i>International Journal of Quantum Chemistry</i> , <b>2012</b> , 112, 1165-1184	2.1	10
17	DFT Studies on the Thermal Activation of Molecular Oxygen by Bare [Ni(H)(OH)] <sup>+</sup> . <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 151-164	2	10
16	A Robust, Precious-Metal-Free Dye-Sensitized Photoanode for Water Oxidation: A Nanosecond-Long Excited-State Lifetime through a Prussian Blue Analogue. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4111-4119	3.6	9
15	Ni(II)-tetrahedral complexes: characterization, antimicrobial properties, theoretical studies and a new family of charge-transfer transitions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 106, 60-7	4.4	8
14	Determination of trace element levels in human scalp hair in occupationally exposed subjects by XRF. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2001</b> , 247, 393-397	1.5	8
13	A Noble-Metal-Free Heterogeneous Photosensitizer-Relay Catalyst Triad That Catalyzes Water Oxidation under Visible Light. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17419-17423	3.6	8
12	Switching off the charge transfer and closing the S1-T1 ISC channel in excited states of quinolininium derivatives: a theoretical study. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 3799-808	4.2	7
11	Building an Iron Chromophore Incorporating Prussian Blue Analogue for Photoelectrochemical Water Oxidation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8966-8976	4.8	7
10	Intermolecular acetaldehyde and dimethoxymethane formation mechanisms via ethenol and methoxymethylene precursors in reactions of atomic carbon with methanol: a computational study. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 2326-32	3.6	4
9	Ion responsive near-IR BODIPY dyes: two isomers, two different signals. <i>RSC Advances</i> , <b>2014</b> , 4, 14915-14918	3.7	3
8	The Role of Molecular Structure of Phenylalanine Peptides on the Formation of Vertically Aligned Ordered Bionanostructures: Implications for Sensing Application. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 4305-4313	5.6	2
7	Excited state structures projected onto two dimensions: correlations with luminescent behavior. <i>Journal of Mathematical Chemistry</i> , <b>2020</b> , 58, 2254-2272	2.1	1
6	When Does Fusing Two Rings Not Yield a Larger Ring? The Curious Case of BOPHY. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 4547-4556	4.2	1

5	Light-Driven Water Oxidation with Ligand-Engineered Prussian Blue Analogues.. <i>Inorganic Chemistry</i> , <b>2022</b> , 61, 3931-3941	5.1	1
4	Innenr�ktitelbild: A Robust, Precious-Metal-Free Dye-Sensitized Photoanode for Water Oxidation: A Nanosecond-Long Excited-State Lifetime through a Prussian Blue Analogue (Angew. Chem. 10/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4211-4211	3.6	0
3	Substitution effects in distyryl BODIPYs for near infrared organic photovoltaics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2022</b> , 429, 113933	4.7	0
2	Titelbild: Intracellular Modulation of Excited-State Dynamics in a Chromophore Dyad: Differential Enhancement of Photocytotoxicity Targeting Cancer Cells (Angew. Chem. 18/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5351-5351	3.6	
1	Building an Iron Chromophore Incorporating Prussian Blue Analogue for Photoelectrochemical Water Oxidation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8890	4.8	