Safacan Kolemen

List of Publications by Year in Descending Order

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	Development of a cysteine responsive chlorinated hemicyanine for image-guided dual phototherapy.. *Bioorganic Chemistry*, **2022**, 122, 105725	5.1	0
33	Balanced Intersystem Crossing in Iodinated Silicon-Fluoresceins Allows New Class of Red Shifted Theranostic Agents. *ACS Medicinal Chemistry Letters*, **2021**, 12, 752-757	4.3	1
32	Dual laser activatable brominated hemicyanine as a highly efficient and photostable multimodal phototherapy agent. *Journal of Photochemistry and Photobiology B: Biology*, **2021**, 217, 112171	6.7	4
31	Recent Advances in Cyanine-Based Phototherapy Agents. *Frontiers in Chemistry*, **2021**, 9, 707876	5	8
30	Singlet oxygen probes: Diversity in signal generation mechanisms yields a larger color palette. *Coordination Chemistry Reviews*, **2021**, 429, 213641	23.2	6
29	A hydrogen peroxide responsive resorufin-based phototheranostic agent for selective treatment of cancer cells. *Dyes and Pigments*, **2021**, 193, 109499	4.6	2
28	A leucine aminopeptidase activatable photosensitizer for cancer cell selective photodynamic therapy action. *Dyes and Pigments*, **2021**, 195, 109735	4.6	5
27	A facile synthesis of mesoporous graphitic carbon nitride supported palladium nanoparticles as highly effective and reusable catalysts for Stille coupling reactions under mild conditions. *New Journal of Chemistry*, **2020**, 44, 6714-6723	3.6	6
26	Resorufin Enters the Photodynamic Therapy Arena: A Monoamine Oxidase Activatable Agent for Selective Cytotoxicity. *ACS Medicinal Chemistry Letters*, **2020**, 11, 2491-2496	4.3	7
25	Mitochondria-Targeting Selenophene-Modified BODIPY-Based Photosensitizers for the Treatment of Hypoxic Cancer Cells. *ChemMedChem*, **2019**, 14, 1879-1886	3.7	15
24	Molecular logic gates: the past, present and future. *Chemical Society Reviews*, **2018**, 47, 2228-2248	58.5	316
23	Reaction-based BODIPY probes for selective bio-imaging. *Coordination Chemistry Reviews*, **2018**, 354, 121-134	23.2	196
22	Tuning the Color Palette of Fluorescent Copper Sensors through Systematic Heteroatom Substitution at Rhodol Cores. *ACS Chemical Biology*, **2018**, 13, 1844-1852	4.9	23
21	Generation of Singlet Oxygen by Persistent Luminescent Nanoparticle–Photosensitizer Conjugates: A Proof of Principle for Photodynamic Therapy without Light. *ChemPhotoChem*, **2017**, 1, 183-187	3.3	15
20	Activatable Photosensitizers: Agents for Selective Photodynamic Therapy. *Advanced Functional Materials*, **2017**, 27, 1604053	15.6	293
19	Thioether Coordination Chemistry for Molecular Imaging of Copper in Biological Systems. *Israel Journal of Chemistry*, **2016**, 56, 724-737	3.4	22
18	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2016**, 55, 3606-10	16.4	136

17	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. *Angewandte Chemie*, **2016**, 128, 3670-3674	3.6	35
16	Synthesis and dye sensitized solar cell applications of Bodipy derivatives with bis-dimethylfluorenyl amine donor groups. *New Journal of Chemistry*, **2015**, 39, 4086-4092	3.6	34
15	Intracellular Modulation of Excited-State Dynamics in a Chromophore Dyad: Differential Enhancement of Photocytotoxicity Targeting Cancer Cells. *Angewandte Chemie*, **2015**, 127, 5430-5434	3.6	33
14	Intracellular modulation of excited-state dynamics in a chromophore dyad: differential enhancement of photocytotoxicity targeting cancer cells. *Angewandte Chemie - International Edition*, **2015**, 54, 5340-4	16.4	119
13	Atropisomeric dyes: axial chirality in orthogonal BODIPY oligomers. *Organic Letters*, **2014**, 16, 660-3	6.2	44
12	Designing BODIPY-based probes for fluorescence imaging of β-amyloid plaques. *RSC Advances*, **2014**, 4, 51032-51037	3.7	21
11	Designing an intracellular fluorescent probe for glutathione: two modulation sites for selective signal transduction. *Organic Letters*, **2014**, 16, 3260-3	6.2	94
10	Design and characterization of Bodipy derivatives for bulk heterojunction solar cells. *Tetrahedron*, **2014**, 70, 6229-6234	2.4	27
9	Chromogenic and fluorogenic sensing of biological thiols in aqueous solutions using BODIPY-based reagents. *Organic Letters*, **2013**, 15, 216-9	6.2	131
8	Heavy atom free singlet oxygen generation: doubly substituted configurations dominate S1 states of bis-BODIPYs. *Journal of Organic Chemistry*, **2012**, 77, 4516-27	4.2	103
7	Optimization of distyryl-Bodipy chromophores for efficient panchromatic sensitization in dye sensitized solar cells. *Chemical Science*, **2011**, 2, 949	9.4	233
6	Designing Excited States: Theory-Guided Access to Efficient Photosensitizers for Photodynamic Action. *Angewandte Chemie*, **2011**, 123, 12143-12147	3.6	60
5	Designing excited states: theory-guided access to efficient photosensitizers for photodynamic action. *Angewandte Chemie - International Edition*, **2011**, 50, 11937-41	16.4	281
4	Selective manipulation of ICT and PET Processes in styryl-Bodipy derivatives: applications in molecular logic and fluorescence sensing of metal ions. *Journal of the American Chemical Society*, **2010**, 132, 8029-36	16.4	343
3	Solid-state dye-sensitized solar cells using red and near-IR absorbing Bodipy sensitizers. *Organic Letters*, **2010**, 12, 3812-5	6.2	168
2	Tetrastyryl-Bodipy dyes: convenient synthesis and characterization of elusive near IR fluorophores. *Organic Letters*, **2009**, 11, 4644-7	6.2	198
1	Organo-soluble dendritic zinc phthalocyanine: photoluminescence and fluorescence properties. *Inorganic and Nano-Metal Chemistry*,1-7	1.2	