

Roger Jan Kutta

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1039406

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand design and nuclearity variation towards dual emissive Pt(II) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5636-5647.	2.7	4
2	Tuning Deazaflavins Towards Highly Potent Reducing Photocatalysts Guided by Mechanistic Understanding – Enhancement of the Key Step by the Internal Heavy Atom Effect. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
3	Photocatalytic Oxidative [2+2] Cycloelimination Reactions with Flavinium Salts: Mechanistic Study and Influence of the Catalyst Structure. <i>ChemPlusChem</i> , 2021, 86, 373-386.	1.3	10
4	Dual emissive dinuclear Pt(II) complexes and application to singlet oxygen generation. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5808-5818.	2.7	10
5	Photochemically Induced Ring Opening of Spirocyclopropyl Oxindoles: Evidence for a Triplet 1,3-Diradical Intermediate and Deracemization by a Chiral Sensitizer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21640-21647.	7.2	53
6	Photochemically Induced Ring Opening of Spirocyclopropyl Oxindoles: Evidence for a Triplet 1,3-Diradical Intermediate and Deracemization by a Chiral Sensitizer. <i>Angewandte Chemie</i> , 2020, 132, 21824-21831.	1.6	10
7	Deazaflavin reductive photocatalysis involves excited semiquinone radicals. <i>Nature Communications</i> , 2020, 11, 3174.	5.8	37
8	17. Transient absorption with a streak camera. , 2020, , 415-442.		0
9	Transient absorption with a streak camera. <i>Physical Sciences Reviews</i> , 2019, 4, .	0.8	2
10	Stepwise Hydride Transfer in a Biological System: Insights into the Reaction Mechanism of the Light-Dependent Protochlorophyllide Oxidoreductase. <i>Angewandte Chemie</i> , 2018, 130, 2712-2716.	1.6	9
11	Stepwise Hydride Transfer in a Biological System: Insights into the Reaction Mechanism of the Light-Dependent Protochlorophyllide Oxidoreductase. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2682-2686.	7.2	37
12	The sacrificial inactivation of the blue-light photosensor cryptochrome from <i>Drosophila melanogaster</i> . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28767-28776.	1.3	19
13	Vertebrate Cryptochromes are Vestigial Flavoproteins. <i>Scientific Reports</i> , 2017, 7, 44906.	1.6	78
14	The Photoinitiated Reaction Pathway of Full-length Cyanobacteriochrome Tlr0924 Monitored Over 12 Orders of Magnitude. <i>Journal of Biological Chemistry</i> , 2014, 289, 17747-17757.	1.6	18