

# Kasha's rule: a reappraisal

Physical Chemistry Chemical Physics

21, 10061-10069

DOI: [10.1039/c9cp00739c](https://doi.org/10.1039/c9cp00739c)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Multiple Anti-Kasha Emissions in Transition-Metal Complexes. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5798-5804.	2.1	28
2	Light activated synthesis of the atomically precise fluorescent silver cluster Ag <sub>18</sub> (Capt) <sub>14</sub> . <i>Nanoscale</i> , 2019, 11, 20522-20526.	2.8	11
3	Exciton Coherence Length and Dynamics in Graphene Quantum Dot Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 210-216.	2.1	14
4	Directed Energy Transfer from Monolayer WS <sub>2</sub> to Near-Infrared Emitting PbS/CdS Quantum Dots. <i>ACS Nano</i> , 2020, 14, 15374-15384.	7.3	28
5	Luminescent Symmetrically and Unsymmetrically Substituted Diboranes(4). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 816-827.	0.6	0
6	Nonadiabatic Dynamics Simulation of the Wavelength-Dependent Photochemistry of Azobenzene Excited to the nπ* and ππ* Excited States. <i>Journal of the American Chemical Society</i> , 2020, 142, 20680-20690.	6.6	46
7	Dual Emission: Classes, Mechanisms, and Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22624-22638.	7.2	158
8	Exploring ground and low-lying excited states for diquat, paraquat, and dipyrindyl isomers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 402, 112817.	2.0	9
9	Photoinduced degradation of indigo carmine: insights from a computational investigation. <i>Journal of Molecular Modeling</i> , 2020, 26, 309.	0.8	13
10	Impact of ligand substituents on the crystal structures, optical and conducting properties of phenylmercury(II) 1,2-oxodithioester complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 928, 121532.	0.8	0
11	Hot carriers perspective on the nature of traps in perovskites. <i>Nature Communications</i> , 2020, 11, 2712.	5.8	65
12	Perylene derivative films: Emission from higher singlet excited state. <i>Journal of Luminescence</i> , 2020, 226, 117478.	1.5	1
13	Computational Protocol To Predict Anti-Kasha Emissions: The Case of Azulene Derivatives. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7228-7237.	1.1	35
14	Understanding the effects of the co-sensitizing ratio on the surface potential, electron injection efficiency, and Förster resonance energy transfer. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5568-5576.	1.3	5
15	Mouse S100G protein exhibits properties characteristic of a calcium sensor. <i>Cell Calcium</i> , 2020, 87, 102185.	1.1	2
16	Semiclassical Approach to Photophysics Beyond Kasha's Rule and Vibronic Spectroscopy Beyond the Condon Approximation. The Case of Azulene. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2617-2626.	2.3	29
17	Erbium complexes as pioneers for implementing linear light-upconversion in molecules. <i>Materials Horizons</i> , 2020, 7, 1279-1296.	6.4	56
18	Insight into structure-property relationships of aryl-substituted 2,2',6',2''-terpyridines. <i>Dyes and Pigments</i> , 2020, 180, 108480.	2.0	12

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19	Synthesis and photophysics of benzazole based triazoles with amino acid-derived pendant units. Multiparametric optical sensors for BSA and CT-DNA in solution. <i>Journal of Molecular Liquids</i> , 2020, 309, 113092.	2.3	16
20	Duale Emission: Klassen, Mechanismen und Bedingungen. <i>Angewandte Chemie</i> , 2021, 133, 22804-22820.	1.6	10
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22	Recent advances in visible light-activated radical coupling reactions triggered by (i) ruthenium, (ii) iridium and (iii) organic photoredox agents. <i>Chemical Society Reviews</i> , 2021, 50, 9540-9685.	18.7	205
23	Restriction of Intramolecular Motion(RIM): Investigating AIE Mechanism from Experimental and Theoretical Studies. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1-15.	1.3	81
24	Enhanced Two-Photon Absorption in Two Triphenylamine-Based All-Organic Compounds. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1870-1879.	1.1	4
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26	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. <i>Advanced Optical Materials</i> , 2021, 9, 2002251.	3.6	146
27	Optical properties of 2,6-di(pyrazin-2-yl)pyridines substituted with extended aryl groups. <i>Dyes and Pigments</i> , 2021, 188, 109168.	2.0	6
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29	Construction of Heptagon-Containing Molecular Nanocarbons. <i>Angewandte Chemie</i> , 2021, 133, 23700-23724.	1.6	31
30	Construction of Heptagon-Containing Molecular Nanocarbons. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23508-23532.	7.2	118
31	Synthesis and Halochromic Properties of 1,2,6-Tri- and 1,2,3,6-Tetra-Caryl Azulenes. <i>ChemPlusChem</i> , 2021, 86, 1116-1122.	1.3	2
32	Synthesis and Spectroscopic Characterization of Thienopyrazine-Based Fluorophores for Application in Luminescent Solar Concentrators (LSCs). <i>Molecules</i> , 2021, 26, 5428.	1.7	7
33	Bola-type PAH-based fluorophores/chemosensors: Synthesis via an unusual clemmensen reduction and photophysical studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 420, 113466.	2.0	5
34	Solvent-free C-H alkylation of azulenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5674-5680.	2.3	3
35	A single isomer rotary switch demonstrating anti-Kasha behaviour: Does acidity function matter?. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13760-13767.	1.3	9
36	Performance evaluation of optimized leaf-shaped two-dimension (2D) potassium doped CuO nanostructures with enhanced structural, optical and electronic properties. <i>Ceramics International</i> , 2020, 46, 20404-20414.	2.3	22

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37	Revealing the tunability of electronic structures and optical properties of novel SWCNT derivatives, phenine nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24239-24248.	1.3	4
38	Photorealistic Visualization of Fluorescence Materials with Dual Surface Scattering. , 2019, , .		0
39	Zn(II) complexes based on functional organic ligands: Two-photon activity, theoretical calculation and bioimaging. <i>Dyes and Pigments</i> , 2022, 197, 109878.	2.0	1
40	Prompt and Long-Lived Anti-Kasha Emission from Organic Dyes. <i>Molecules</i> , 2021, 26, 6999.	1.7	22
41	N-Doped Carbon Dot Hydrogels from Brewing Waste for Photocatalytic Wastewater Treatment. <i>ACS Omega</i> , 2022, 7, 4052-4061.	1.6	22
42	Gas-Phase Fluorescence of Proflavine Reveals Two Close-Lying, Brightly Emitting States. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2187-2192.	2.1	2
43	Conjugated Oligoelectrolytes for Long-Term Tumor Tracking with Incremental NIR-II Emission. <i>Advanced Materials</i> , 2022, 34, e2201989.	11.1	22
44	Femtosecond dynamics of stepwise two-photon ionization in solutions as revealed by pump-probe detection with a burst mode of photoexcitation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 14187-14197.	1.3	1
45	Triple optically modulated and enzymatically responsive organic afterglow materials for dynamic anti-counterfeiting. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1824-1834.	3.2	12
46	New Raman spectroscopic methods™ application in forensic science. <i>Talanta Open</i> , 2022, 6, 100124.	1.7	5
47	Photophysics of Zinc 2,11,20,29-Tetra- <i>tert</i> -butyl-2,3-Naphthalocyanine: Aggregation-Induced S <sub>2</sub> Emission and Rapid Intersystem Crossing in the Solid State. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11680-11689.	1.5	1
48	High-Performance Organic Laser Semiconductor Enabling Efficient Light-Emitting Transistors and Low-Threshold Microcavity Lasers. <i>Nano Letters</i> , 2022, 22, 5803-5809.	4.5	15
49	Excitation Energy-Dependent, Excited-State Intramolecular Proton Transfer-Based Dual Emission in Poor Hydrogen-Bonding Solvents. <i>Journal of Physical Chemistry A</i> , 2022, 126, 5711-5720.	1.1	7
50	Unusually high energy barriers for internal conversion in a {Ru(bpy)} chromophore. <i>Physical Chemistry Chemical Physics</i> , 0, , .	1.3	1
51	Anti-Kasha Fluorescence in Molecular Entities: Central Role of Electron-Vibrational Coupling. <i>Accounts of Chemical Research</i> , 2022, 55, 2698-2707.	7.6	21
52	Dynamic Self-Assembly of Photo-Reduced Perylene Diimide: Single-Component White Light Emission from Organic Radicals. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	10
53	Polarity-triggered anti-Kasha system for high-contrast cell imaging and classification. <i>Aggregate</i> , 2023, 4, .	5.2	1
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56	Revisiting the Fluorescence of Benzothiadiazole Derivatives: Anti-Kasha Emission or Not?. <i>ChemPhotoChem</i> , 0, , .	1.5	0
57	Dual-function artificial molecular motors performing rotation and photoluminescence. <i>Science Advances</i> , 2022, 8, .	4.7	5
58	Lanthanide(III) Ions and 5-Methylisophthalate Ligand Based Coordination Polymers: An Insight into Their Photoluminescence Emission and Chemosensing for Nitroaromatic Molecules. <i>Nanomaterials</i> , 2022, 12, 3977.	1.9	2
59	A nonalternant azulene-embedded carbon nanohoop featuring anti-Kasha emission and tunable properties upon pH stimuli-responsiveness. <i>Journal of Materials Chemistry C</i> , 2023, 11, 1429-1434.	2.7	11
60	Bola-type PEG-linked polyaromatic hydrocarbon-based chemosensors for the $\text{turn-off}$ excimer fluorescence detection of nitro-analytes/explosives in aqueous solutions. <i>Dyes and Pigments</i> , 2023, 210, 111014.	2.0	3
61	Robust single molecular white fluorescence facilitated by blocking aggregate growth in Densely-Woven solid polymeric network. <i>Chemical Engineering Journal</i> , 2023, 457, 140974.	6.6	2
62	Fluorescence Detecting of Paraquat and Diquat Using Host-Guest Chemistry with a Fluorophore-Pendant Calix[6]arene. <i>Sensors</i> , 2023, 23, 1120.	2.1	1
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66	Experimental-Theoretical Approach for the Chemical Detection of Glyphosate and Its Potential Interferents Using a Copper Complex Fluorescent Probe. <i>Chemosensors</i> , 2023, 11, 194.	1.8	2
67	An Overview on Carbon Quantum Dots Optical and Chemical Features. <i>Molecules</i> , 2023, 28, 2772.	1.7	18
68	A direct observation of up-converted room-temperature phosphorescence in an anti-Kasha dopant-matrix system. <i>Nature Communications</i> , 2023, 14, .	5.8	21
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