

Giulio Ragazzon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5833341/publications.pdf>

Version: 2024-02-01

37
papers

1,653
citations

331538

21
h-index

345118

36
g-index

43
all docs

43
docs citations

43
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-powered autonomous and directional molecular motion of a dissipative self-assembling system. Nature Nanotechnology, 2015, 10, 70-75.	15.6	367
2	Energy consumption in chemical fuel-driven self-assembly. Nature Nanotechnology, 2018, 13, 882-889.	15.6	306
3	Fuel-Responsive Allosteric DNA-Based Aptamers for the Transient Release of ATP and Cocaine. Angewandte Chemie - International Edition, 2019, 58, 5582-5586.	7.2	86
4	Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo. Angewandte Chemie - International Edition, 2018, 57, 10489-10493.	7.2	82
5	Substrate-Induced Self-Assembly of Cooperative Catalysts. Angewandte Chemie - International Edition, 2018, 57, 16469-16474.	7.2	76
6	Optical processes in carbon nanocolloids. Chem, 2021, 7, 606-628.	5.8	73
7	Ruthenium(II) complexes based on tridentate polypyridine ligands that feature long-lived room-temperature luminescence. Chemical Communications, 2013, 49, 9110.	2.2	47
8	Light-driven molecular machines based on ruthenium(II) polypyridine complexes: Strategies and recent advances. Coordination Chemistry Reviews, 2016, 325, 125-134.	9.5	46
9	Mapping the Surface Groups of Amine-Rich Carbon Dots Enables Covalent Catalysis in Aqueous Media. Chem, 2020, 6, 3022-3037.	5.8	46
10	Nuclear Magnetic Resonance Reveals Molecular Species in Carbon Nanodot Samples Disclosing Flaws. Angewandte Chemie - International Edition, 2022, 61, .	7.2	45
11	The eternal youth of azobenzene: new photoactive molecular and supramolecular devices. Pure and Applied Chemistry, 2015, 87, 537-545.	0.9	35
12	Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo. Angewandte Chemie, 2018, 130, 10649-10653.	1.6	35
13	Substrate-Induced Self-Assembly of Cooperative Catalysts. Angewandte Chemie, 2018, 130, 16707-16712.	1.6	33
14	An Artificial Molecular Transporter. ChemistryOpen, 2016, 5, 120-124.	0.9	32
15	Remote electrochemical modulation of pK _a in a rotaxane by co-conformational allostery. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9385-9390.	3.3	32
16	Fuel-Responsive Allosteric DNA-Based Aptamers for the Transient Release of ATP and Cocaine. Angewandte Chemie, 2019, 131, 5638-5642.	1.6	31
17	Thermodynamic Insights on a Bistable Acid-Base Switchable Molecular Shuttle with Strongly Shifted Co-conformational Equilibria. Chemistry - A European Journal, 2017, 23, 2149-2156.	1.7	30
18	Individual-Molecule Perspective Analysis of Chemical Reaction Networks: The Case of a Light-Driven Supramolecular Pump. Angewandte Chemie - International Edition, 2019, 58, 14341-14348.	7.2	30

#	ARTICLE	IF	CITATIONS
19	Transfer of Axial Chirality to the Nanoscale Endows Carbon Nanodots with Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
20	Light-powered, artificial molecular pumps: a minimalistic approach. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 2096-2104.	1.5	27
21	Design of photoactivatable metallodrugs: Selective and rapid light-induced ligand dissociation from half-sandwich [Ru([9]aneS3)(Nâ€“Nâ€²)(py)] ²⁺ complexes. <i>Inorganica Chimica Acta</i> , 2012, 393, 230-238.	1.2	25
22	Disulfideâ€“Linked Allosteric Modulators for Multiâ€“cycle Kinetic Control of DNAâ€“Based Nanodevices. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21058-21063.	7.2	22
23	Synthesis and Characterization of Constitutionally Isomeric Oriented Calix[6]areneâ€“Based Rotaxanes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1033-1042.	1.2	16
24	Efficient active-template synthesis of calix[6]arene-based oriented pseudorotaxanes and rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6753-6763.	1.5	13
25	Covalent capture of oriented calix[6]arene rotaxanes by a metal-free active template approach. <i>Chemical Communications</i> , 2017, 53, 6172-6174.	2.2	12
26	Redoxâ€“Switchable Calix[6]areneâ€“Based Isomeric Rotaxanes. <i>Chemistry - A European Journal</i> , 2018, 24, 12370-12382.	1.7	12
27	Structural Changes of a Doubly Spinâ€“Labeled Chemically Driven Molecular Shuttle Probed by PELDOR Spectroscopy. <i>Chemistry - A European Journal</i> , 2016, 22, 8745-8750.	1.7	11
28	Photochemically Controlled Molecular Machines with Sequential Logic Operation. <i>Israel Journal of Chemistry</i> , 2014, 54, 553-567.	1.0	10
29	Synthesis by ring closing metathesis and properties of an electroactive calix[6]arene [2]catenane. <i>Supramolecular Chemistry</i> , 2016, 28, 427-435.	1.5	9
30	Electrochemically Triggered Co-Conformational Switching in a [2]catenane Comprising a Non-Symmetric Calix[6]arene Wheel and a Two-Station Oriented Macrocyclic. <i>Molecules</i> , 2018, 23, 1156.	1.7	9
31	Disulfideâ€“Linked Allosteric Modulators for Multiâ€“cycle Kinetic Control of DNAâ€“Based Nanodevices. <i>Angewandte Chemie</i> , 2020, 132, 21244-21249.	1.6	9
32	Transfer of Axial Chirality to the Nanoscale Endows Carbon Nanodots with Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
33	Plugging a Bipyridinium Axle into Multichromophoric Calix[6]arene Wheels Bearing Naphthyl Units at Different Rims. <i>ChemistryOpen</i> , 2017, 6, 64-72.	0.9	4
34	Individualâ€“Molecule Perspective Analysis of Chemical Reaction Networks: The Case of a Lightâ€“Driven Supramolecular Pump. <i>Angewandte Chemie</i> , 2019, 131, 14479-14486.	1.6	4
35	Nuclear Magnetic Resonance Reveals Molecular Species in Carbon Nanodot Samples Disclosing Flaws. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
36	Azobenzene photoisomerization: an old reaction for activating new molecular devices and materials. <i>Photochemistry</i> , 2016, , 296-323.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Rücktitelbild: Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo (Angew. Chem. 33/2018). Angewandte Chemie, 2018, 130, 10934-10934.	1.6	0