Giulio Ragazzon

List of Publications by Year
in descending order

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	Nuclear Magnetic Resonance Reveals Molecular Species in Carbon Nanodot Samples Disclosing Flaws. Angewandte Chemie, 2022, 134, .	1.6	3
2	Nuclear Magnetic Resonance Reveals Molecular Species in Carbon Nanodot Samples Disclosing Flaws. Angewandte Chemie - International Edition, 2022, 61, .	7.2	45
3	Transfer of Axial Chirality to the Nanoscale Endows Carbon Nanodots with Circularly Polarized Luminescence. Angewandte Chemie, 2022, 134, .	1.6	5
4	Transfer of Axial Chirality to the Nanoscale Endows Carbon Nanodots with Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2022, 61, .	7.2	28
5	Optical processes in carbon nanocolloids. CheM, 2021, 7, 606-628.	5.8	73
6	Disulfideâ€Linked Allosteric Modulators for Multiâ€cycle Kinetic Control of DNAâ€Based Nanodevices. Angewandte Chemie - International Edition, 2020, 59, 21058-21063.	7.2	22
7	Disulfideâ€Linked Allosteric Modulators for Multiâ€cycle Kinetic Control of DNAâ€Based Nanodevices. Angewandte Chemie, 2020, 132, 21244-21249.	1.6	9
8	Mapping the Surface Groups of Amine-Rich Carbon Dots Enables Covalent Catalysis in Aqueous Media. CheM, 2020, 6, 3022-3037.	5.8	46
9	Individualâ€Molecule Perspective Analysis of Chemical Reaction Networks: The Case of a Lightâ€Driven Supramolecular Pump. Angewandte Chemie - International Edition, 2019, 58, 14341-14348.	7.2	30
10	Individualâ€Molecule Perspective Analysis of Chemical Reaction Networks: The Case of a Lightâ€Driven Supramolecular Pump. Angewandte Chemie, 2019, 131, 14479-14486.	1.6	4
11	Fuelâ€Responsive Allosteric DNAâ€Based Aptamers for the Transient Release of ATP and Cocaine. Angewandte Chemie - International Edition, 2019, 58, 5582-5586.	7.2	86
12	Fuelâ€Responsive Allosteric DNAâ€Based Aptamers for the Transient Release of ATP and Cocaine. Angewandte Chemie, 2019, 131, 5638-5642.	1.6	31
13	Redoxâ€Switchable Calix[6]areneâ€Based Isomeric Rotaxanes. Chemistry - A European Journal, 2018, 24, 12370-12382.	1.7	12
14	Dissipative Synthetic DNAâ€Based Receptors for the Transient Loading and Release of Molecular Cargo. Angewandte Chemie - International Edition, 2018, 57, 10489-10493.	7.2	82
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	Dissipative Synthetic DNAâ€Based Receptors for the Transient Loading and Release of Molecular Cargo. Angewandte Chemie, 2018, 130, 10649-10653.	1.6	35
17	Substrateâ€Induced Selfâ€Assembly of Cooperative Catalysts. Angewandte Chemie - International Edition, 2018, 57, 16469-16474.	7.2	76
18	Substrateâ€Induced Selfâ€Assembly of Cooperative Catalysts. Angewandte Chemie, 2018, 130, 16707-16712.	1.6	33

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19	Energy consumption in chemical fuel-driven self-assembly. Nature Nanotechnology, 2018, 13, 882-889.	15.6	306
20	Electrochemically Triggered Co-Conformational Switching in a [2]catenane Comprising a Non-Symmetric Calix[6]arene Wheel and a Two-Station Oriented Macrocycle. Molecules, 2018, 23, 1156.	1.7	9
21	RÃ¼cktitelbild: Dissipative Synthetic DNAâ€Based Receptors for the Transient Loading and Release of Molecular Cargo (Angew. Chem. 33/2018). Angewandte Chemie, 2018, 130, 10934-10934.	1.6	0
22	Plugging a Bipyridinium Axle into Multichromophoric Calix[6]arene Wheels Bearing Naphthyl Units at Different Rims. ChemistryOpen, 2017, 6, 64-72.	0.9	4
23	Covalent capture of oriented calix[6]arene rotaxanes by a metal-free active template approach. Chemical Communications, 2017, 53, 6172-6174.	2.2	12
24	Thermodynamic Insights on a Bistable Acidâ€“Base Switchable Molecular Shuttle with Strongly Shifted Coâ€conformational Equilibria. Chemistry - A European Journal, 2017, 23, 2149-2156.	1.7	30
25	Efficient active-template synthesis of calix[6]arene-based oriented pseudorotaxanes and rotaxanes. Organic and Biomolecular Chemistry, 2017, 15, 6753-6763.	1.5	13
26	Synthesis and Characterization of Constitutionally Isomeric Oriented Calix[6]areneâ€Based Rotaxanes. European Journal of Organic Chemistry, 2016, 2016, 1033-1042.	1.2	16
27	Structural Changes of a Doubly Spinâ€Labeled Chemically Driven Molecular Shuttle Probed by PELDOR Spectroscopy. Chemistry - A European Journal, 2016, 22, 8745-8750.	1.7	11
28	Synthesis by ring closing metathesis and properties of an electroactive calix[6]arene [2]catenane. Supramolecular Chemistry, 2016, 28, 427-435.	1.5	9
29	An Artificial Molecular Transporter. ChemistryOpen, 2016, 5, 120-124.	0.9	32
30	Light-driven molecular machines based on ruthenium(II) polypyridine complexes: Strategies and recent advances. Coordination Chemistry Reviews, 2016, 325, 125-134.	9.5	46
31	Azobenzene photoisomerization: an old reaction for activating new molecular devices and materials. Photochemistry, 2016, , 296-323.	0.2	2
32	Light-powered, artificial molecular pumps: a minimalistic approach. Beilstein Journal of Nanotechnology, 2015, 6, 2096-2104.	1.5	27
33	The eternal youth of azobenzene: new photoactive molecular and supramolecular devices. Pure and Applied Chemistry, 2015, 87, 537-545.	0.9	35
34	Light-powered autonomous and directional molecular motion of a dissipative self-assembling system. Nature Nanotechnology, 2015, 10, 70-75.	15.6	367
35	Photochemically Controlled Molecular Machines with Sequential Logic Operation. Israel Journal of Chemistry, 2014, 54, 553-567.	1.0	10
36	Ruthenium(ii) complexes based on tridentate polypyridine ligands that feature long-lived room-temperature luminescence. Chemical Communications, 2013, 49, 9110.	2.2	47

#	Article	IF	Citations
37	Design of photoactivatable metallodrugs: Selective and rapid light-induced ligand dissociation from half-sandwich [Ru([9]aneS3)(Nâ€“Nâ€²)(py)]2+ complexes. Inorganica Chimica Acta, 2012, 393, 230-238.	1.2	25