

Felix J Rizzuto

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,398
citations

394286

19
h-index

330025

37
g-index

45
all docs

45
docs citations

45
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for binding multiple guests in metal-organic cages. <i>Nature Reviews Chemistry</i> , 2019, 3, 204-222.	13.8	308
2	Stereochemical plasticity modulates cooperative binding in a CoII_2L_6 cuboctahedron. <i>Nature Chemistry</i> , 2017, 9, 903-908.	6.6	141
3	Peripheral Templatation Generates an $\text{M}^{II}_6\text{L}_4$ Guest-Binding Capsule. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7958-7962.	7.2	75
4	Tuning the Redox Properties of Fullerene Clusters within a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2017, 139, 11008-11011.	6.6	67
5	Multisite Binding of Drugs and Natural Products in an Entropically Favorable, Heteroleptic Receptor. <i>Journal of the American Chemical Society</i> , 2019, 141, 9087-9095.	6.6	64
6	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020, 19, 1012-1018.	13.3	62
7	A dissipative pathway for the structural evolution of DNA fibres. <i>Nature Chemistry</i> , 2021, 13, 843-849.	6.6	60
8	Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4200-4204.	7.2	55
9	Narcissistic, Integrative, and Kinetic Self-Sorting within a System of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2020, 142, 7749-7753.	6.6	47
10	Otherwise Unstable Structures Self-Assemble in the Cavities of Cuboctahedral Coordination Cages. <i>Journal of the American Chemical Society</i> , 2018, 140, 11502-11509.	6.6	45
11	Subtle Ligand Modification Inverts Guest Binding Hierarchy in $\text{M}^{II}_8\text{L}_6$ Supramolecular Cubes. <i>Journal of the American Chemical Society</i> , 2016, 138, 7264-7267.	6.6	39
12	Hydrogen-Bond-Assisted Symmetry Breaking in a Network of Chiral Metal-Organic Assemblies. <i>Journal of the American Chemical Society</i> , 2019, 141, 1707-1715.	6.6	37
13	Experimental and Computational Studies of a Multi-Electron Donor-Acceptor Ligand Containing the Thiazolo[5,4-d]thiazole Core and its Incorporation into a Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 17597-17605.	1.7	35
14	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7541-7545.	7.2	34
15	Quantified structural speciation in self-sorted CoII_6L_4 cage systems. <i>Chemical Science</i> , 2018, 9, 1925-1930.	3.7	33
16	Single-molecule methods in structural DNA nanotechnology. <i>Chemical Society Reviews</i> , 2020, 49, 4220-4233.	18.7	31
17	How Changing the Bridgehead Can Affect the Properties of Tripodal Ligands. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6648-6652.	7.2	30
18	Peripheral Templatation Generates an $\text{M}^{II}_6\text{L}_4$ Guest-Binding Capsule. <i>Angewandte Chemie</i> , 2016, 128, 8090-8094.	1.6	24

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19	Molecular Printing with DNA Nanotechnology. <i>CheM</i> , 2020, 6, 1560-1574.	5.8	23
20	DNA Sequence and Length Dictate the Assembly of Nucleic Acid Block Copolymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 12272-12279.	6.6	20
21	Conformational Control in Main Group Phosphazane Anion Receptors and Transporters. <i>Journal of the American Chemical Society</i> , 2020, 142, 1029-1037.	6.6	19
22	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11252-11259.	1.3	17
23	Oxidation triggers guest dissociation during reorganization of an FeL ₄ twisted parallelogram. <i>Chemical Science</i> , 2020, 11, 10399-10404.	3.7	16
24	Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule. <i>Angewandte Chemie</i> , 2019, 131, 4244-4248.	1.6	15
25	Magnetic, electrochemical and optical properties of a sulfate-bridged Co(imidazole) ₂ dimer. <i>New Journal of Chemistry</i> , 2014, 38, 5856-5860.	1.4	12
26	Guest Binding via N-H...N Bonding and Kinetic Entrapment by an Inorganic Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10655-10659.	7.2	12
27	Incorporation of a Phosphino(pyridine) Subcomponent Enables the Formation of Cages with Homobimetallic and Heterobimetallic Vertices. <i>Journal of the American Chemical Society</i> , 2022, 144, 8467-8473.	6.6	12
28	Formation and selection of the macrocycle [(tBuNi)P(1/4-NtBu) ₂ (1/4-Se) ₂ {P(1/4-NtBu) ₂ } ₃ . <i>Dalton Transactions</i> , 2018, 47, 6675-6678.	1.6	9
29	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie</i> , 2017, 129, 7649-7653.	1.6	8
30	Remote control of charge transport and chiral induction along a DNA-metallohelicate. <i>Nanoscale</i> , 2019, 11, 11879-11884.	2.8	8
31	Asymmetric patterning drives the folding of a tripodal DNA nanotweezer. <i>Chemical Science</i> , 2021, 13, 74-80.	3.7	8
32	Transition-Metal-Functionalized DNA Double-Crossover Tiles: Enhanced Stability and Chirality Transfer to Metal Centers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4091-4098.	7.2	7
33	Spectroelectrochemical properties of a Ru complex with a thiazolo[5,4-d]thiazole triarylamine ligand. <i>New Journal of Chemistry</i> , 2017, 41, 108-114.	1.4	6
34	Flexible Bonding of the Phosph(V)azane Dianions [S(E)P(1/4-NtBu) ₂] ²⁻ . <i>Chemistry - A European Journal</i> , 2018, 24, 2013-2019.	1.7	5
35	Guest Binding via N-H...N Bonding and Kinetic Entrapment by an Inorganic Macrocycle. <i>Angewandte Chemie</i> , 2019, 131, 10765-10769.	1.6	5
36	Isomerisation, reactivity and coordination chemistry of a new hybrid, multi-functional phosphazane. <i>Dalton Transactions</i> , 2017, 46, 12775-12779.	1.6	3

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37	How Changing the Bridgehead Can Affect the Properties of Tripodal Ligands. <i>Angewandte Chemie</i> , 2018, 130, 6758-6762.	1.6	3
38	Transition-Metal-Functionalized DNA Double-Crossover Tiles: Enhanced Stability and Chirality Transfer to Metal Centers. <i>Angewandte Chemie</i> , 2020, 132, 4120-4127.	1.6	2
39	Innenteilbild: Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule (<i>Angew. Chem.</i> 13/2019). <i>Angewandte Chemie</i> , 2019, 131, 4110-4110.	1.6	1
40	Innenteilbild: Peripheral Templatation Generates an $M^{II}_6L_4$ Guest-Binding Capsule (<i>Angew. Chem.</i> 28/2016). <i>Angewandte Chemie</i> , 2016, 128, 7996-7996.	1.6	0