

# Greta Bergamaschi

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,300  
citations

430442

18  
h-index

360668

35  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1883  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Squaramide versus Urea Contest for Anion Recognition. <i>Chemistry - A European Journal</i> , 2010, 16, 4368-4380.	1.7	172
2	The Interaction of Fluoride with Fluorogenic Ureas: An ON <sup>1</sup> â€“OFFâ€“ON <sup>2</sup> Response. <i>Journal of the American Chemical Society</i> , 2013, 135, 6345-6355.	6.6	113
3	Recognition and Sensing of Nucleoside Monophosphates by a Dicopper(II) Cryptate. <i>Journal of the American Chemical Society</i> , 2010, 132, 147-156.	6.6	100
4	<sup>99</sup> TcO <sub>4</sub> <sup>-</sup> : Selective Recognition and Trapping in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9772-9776.	7.2	97
5	Fluorescent sensing of <sup>99</sup> Tc pertechnetate in water. <i>Chemical Science</i> , 2014, 5, 1820-1826.	3.7	57
6	Bistren cryptands and cryptates: versatile receptors for anion inclusion and recognition in water. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3510-3524.	1.5	48
7	Membraneâ€binding peptides for extracellular vesicles onâ€chip analysis. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1751428.	5.5	47
8	A halogen bond-donor amino acid for organocatalysis in water. <i>Chemical Communications</i> , 2018, 54, 10718-10721.	2.2	42
9	A Catalytic and Selective Scissoring Molecular Tool for Quadruplex Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 14528-14532.	6.6	39
10	Chemical Perturbation of Oncogenic Protein Folding: from the Prediction of Locally Unstable Structures to the Design of Disruptors of Hsp90â€Client Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, 9459-9465.	1.7	39
11	SARS-CoV-2 Epitope Mapping on Microarrays Highlights Strong Immune-Response to N Protein Region. <i>Vaccines</i> , 2021, 9, 35.	2.1	38
12	Biomimetic engineering of the molecular recognition and self-assembly of peptides and proteins via halogenation. <i>Coordination Chemistry Reviews</i> , 2020, 411, 213242.	9.5	37
13	Cavity Effect on Perrhenate Recognition by Polyammonium Cages. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3410-3417.	1.0	35
14	Azacryptands as molecular cages for anions and metal ions. <i>Supramolecular Chemistry</i> , 2018, 30, 236-242.	1.5	34
15	Computational Analysis of Dengue Virus Envelope Protein (E) Reveals an Epitope with Flavivirus Immunodiagnostic Potential in Peptide Microarrays. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1921.	1.8	31
16	Novel hydrogen- and halogen-bonding anion receptors based on 3-iodopyridinium units. <i>RSC Advances</i> , 2016, 6, 67540-67549.	1.7	29
17	Enhancing Antibody Serodiagnosis Using a Controlled Peptide Coimmobilization Strategy. <i>ACS Infectious Diseases</i> , 2018, 4, 998-1006.	1.8	25
18	Pyridinium/urea-based anion receptor: methine formation in the presence of basic anions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8276.	1.5	22

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19	Naphthalene diimides as selective naked-eye chemosensor for copper(II) in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 137-144.	4.0	19
20	Chloride-binding in organic/water mixtures: the powerful synergy of C-H donor groups within a bowl-shaped cavity. <i>Chemical Communications</i> , 2016, 52, 10910-10913.	2.2	19
21	A self-assembling peptide hydrogel for ultrarapid 3D bioassays. <i>Nanoscale Advances</i> , 2019, 1, 490-497.	2.2	19
22	Halide-Controlled Extending/Shrinking Motion of a Covalent Cage. <i>Journal of Organic Chemistry</i> , 2019, 84, 4221-4228.	1.7	18
23	Supramolecular receptors in solid phase: developing sensors for anionic radionuclides. <i>Dalton Transactions</i> , 2013, 42, 6227.	1.6	17
24	Halide ion inclusion into a dicopper(II) bistren cryptate containing $\beta$ -active 2,5-dimethylfuran spacers: The origin of the bright yellow colour. <i>Inorganica Chimica Acta</i> , 2008, 361, 4038-4046.	1.2	14
25	The solution stability of copper(i) and silver(i) complexes with N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2011, 40, 8367.	1.6	14
26	G-quadruplex fluorescence sensing by core-extended naphthalene diimides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1303-1311.	1.1	13
27	Mixing the spacers in azacryptands: effects on halide recognition. <i>Dalton Transactions</i> , 2014, 43, 11352-11360.	1.6	11
28	Organic Cages as Building Blocks for Mechanically Interlocked Molecules: Towards Molecular Machines. <i>ChemPlusChem</i> , 2020, 85, 1145-1155.	1.3	11
29	Extracellular Vesicles Analysis in the COVID-19 Era: Insights on Serum Inactivation Protocols towards Downstream Isolation and Analysis. <i>Cells</i> , 2021, 10, 544.	1.8	10
30	Clickable cellulosic surfaces for peptide-based bioassays. <i>Talanta</i> , 2019, 205, 120152.	2.9	9
31	Photoluminescent nanocluster-based probes for bioimaging applications. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 787-801.	1.6	9
32	Fibril Structure Demonstrates the Role of Iodine Labelling on a Pentapeptide Self-Assembly. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
33	An Automatic Molecular Dispenser of Chloride. <i>Chemistry - A European Journal</i> , 2013, 19, 3729-3734.	1.7	8
34	Enhanced self-assembly of the 7 <sup>th</sup> sequence of amyloid- $\beta$ peptide by tyrosine bromination. <i>Supramolecular Chemistry</i> , 2020, 32, 247-255.	1.5	8
35	Composite Peptide-agarose Hydrogels for Robust and High-Sensitivity 3D Immunoassays. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4811-4822.	4.0	8
36	A bistren cryptand with a remote thioether function: Cu(II) complexation in solution and on the surface of gold nanostars. <i>New Journal of Chemistry</i> , 2016, 40, 5722-5730.	1.4	7

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37	Extended Naphthalene Diimides with Donor/Acceptor Hydrogenâ€Bonding Properties Targeting Gâ€Quadruplex Nucleic Acids. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4824-4833.	1.2	7
38	Towards Building Blocks for Supramolecular Architectures Based on Azacryptates. <i>Molecules</i> , 2020, 25, 1733.	1.7	7
39	The interaction of Mozobil<sup>â„¢</sup>with carboxylates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 905-912.	1.5	6
40	Dicopper(II) Mozobil<sup>TM</sup>: a dinuclear receptor for the pyrophosphate anion in aqueous solution. <i>Supramolecular Chemistry</i> , 2017, 29, 834-845.	1.5	6
41	An Off-On-Off Fluorescent Sensor for pH Windows Based on the 13aneN4-Zn2+System. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5106-5113.	1.0	5
42	A stapled chromogranin A-derived peptide is a potent dual ligand for integrins Î±vÎ²6 and Î±vÎ²8. <i>Chemical Communications</i> , 2019, 55, 14777-14780.	2.2	5
43	Emergence of Elastic Properties in a Minimalist Resilinâ€Derived Heptapeptide upon Bromination. <i>Small</i> , 2022, 18, .	5.2	5
44	Multifunctional membranes for lipidic nanovesicle capture. <i>Separation and Purification Technology</i> , 2022, 298, 121561.	3.9	4
45	Hydrophobinâ€Coated Solid Fluorinated Nanoparticles for <sup>19</sup>Fâ€MRI. <i>Advanced Materials Interfaces</i> , 0, , 2101677.	1.9	3
46	Solid-Phase Synthesis of Gly-Î³[CH(CF<sub>3</sub>)NH]-Peptides. <i>Journal of Organic Chemistry</i> , 2021, 86, 9225-9232.	1.7	2
47	Self-Assembling Peptide Hydrogels for 3D Microarrays. <i>Methods in Molecular Biology</i> , 2021, 2237, 179-189.	0.4	2
48	ISMSC2019: 14th International Symposium of Macrocyclic and Supramolecular Chemistry. <i>Supramolecular Chemistry</i> , 2020, 32, 163-164.	1.5	1
49	Photochemical and photocatalytic properties of transition metal compounds. <i>Photochemistry</i> , 2015, , 103-147.	0.2	1
50	Synthesis and Study in Solution of a New Dansyl-Modified Azacryptand. <i>International Journal of Inorganic Chemistry</i> , 2016, 2016, 1-10.	0.6	1
51	Photochemistry of transition metal complexes (2017â€2018). <i>Photochemistry</i> , 2019, , 241-269.	0.2	1
52	Photochemistry of transition metal complexes (2019â€2020). <i>Photochemistry</i> , 2021, , 177-211.	0.2	0
53	A Self-assembling Peptide Hydrogel for Ultrarapid 3D Immunoassays. , 0, , .		0
54	Photochemical and photocatalytic properties of transition metal compounds. <i>Photochemistry</i> , 0, , 101-132.	0.2	0