

# Alessio Terenzi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	1,988 citations	25 h-index	42 g-index
79 ext. papers	2,344 ext. citations	6.3 avg, IF	4.89 L-index

#	Paper	IF	Citations
66	Structure of the 5' untranslated region in SARS-CoV-2 genome and its specific recognition by innate immune system the human oligoadenylate synthase 1.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	3
65	Never Cared for What They Do: High Structural Stability of Guanine-Quadruplexes in the Presence of Strand-Break Damage. <i>Molecules</i> , <b>2022</b> , 27, 3256	4.8	0
64	Landomycins as glutathione-depleting agents and natural fluorescent probes for cellular Michael adduct-dependent quinone metabolism. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	1
63	Structure and Dynamics of RNA Guanine Quadruplexes in SARS-CoV-2 Genome. Original Strategies against Emerging Viruses. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 10277-10283	6.4	4
62	Forever Young: Structural Stability of Telomeric Guanine Quadruplexes in the Presence of Oxidative DNA Lesions*. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8865-8874	4.8	2
61	On the G-Quadruplex Binding of a New Class of Nickel(II), Copper(II), and Zinc(II) Salphen-Like Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1332-1336	2.3	2
60	Influence of thermally induced structural transformations on the magnetic and luminescence properties of tartrate-based chiral lanthanide organic-frameworks. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8243-8256	7.1	10
59	Role of RNA Guanine Quadruplexes in Favoring the Dimerization of SARS Unique Domain in Coronaviruses. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 5661-5667	6.4	17
58	Development and biological investigations of hypoxia-sensitive prodrugs of the tyrosine kinase inhibitor crizotinib. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103778	5.1	8
57	I Radiolabeling of a Au -NHC Complex for In Vivo Biodistribution Studies. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17130-17136	16.4	8
56	124I Radiolabeling of a AuIII-NHC Complex for In Vivo Biodistribution Studies. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17278-17284	3.6	2
55	Molecular Basis of SARS-CoV-2 Infection and Rational Design of Potential Antiviral Agents: Modeling and Simulation Approaches. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 4291-4315	5.6	36
54	Enantiospecific Response in Cross-Polarization Solid-State Nuclear Magnetic Resonance of Optically Active Metal Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17989-17996	16.4	4
53	Catalysis Concepts in Medicinal Inorganic Chemistry. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 6651-6660	4.8	23
52	Interplay of Three G-Quadruplex Units in the KIT Promoter. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10205-10213	16.4	15
51	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal PtII Metallacycle. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8091-8096	3.6	9
50	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal Pt Metallacycle. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8007-8012	16.4	26

49	Near-infrared photochemistry assisted by upconverting nanoparticles <b>2019</b> , 43-71		2
48	Metal Complexes of Oxadiazole Ligands: An Overview. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
47	Anticancer platinum agents and light. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 495, 118981	2.7	13
46	Ruthenium-arene complexes bearing naphthyl-substituted 1,3-dioxindan-2-carboxamides ligands for G-quadruplex DNA recognition. <i>Dalton Transactions</i> , <b>2019</b> , 48, 12040-12049	4.3	14
45	Targeting G-quadruplexes with Organic Dyes: Chelerythrine-DNA Binding Elucidated by Combining Molecular Modeling and Optical Spectroscopy. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	8
44	Metal Drugs and the Anticancer Immune Response. <i>Chemical Reviews</i> , <b>2019</b> , 119, 1519-1624	68.1	146
43	Perturbation of Developmental Regulatory Gene Expression by a G-Quadruplex DNA Inducer in the Sea Urchin Embryo. <i>Biochemistry</i> , <b>2018</b> , 57, 4391-4394	3.2	4
42	Synthesis and Biological Evaluation of Organometallic Complexes Bearing Bis-1,8-naphthalimide Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3104-3112	2.3	18
41	The interaction of Schiff Base complexes of nickel(II) and zinc(II) with duplex and G-quadruplex DNA. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 178, 106-114	4.2	20
40	Biological activity of Pt prodrugs triggered by riboflavin-mediated bioorthogonal photocatalysis. <i>Scientific Reports</i> , <b>2018</b> , 8, 17198	4.9	16
39	Fluorescent organometallic rhodium(I) and ruthenium(II) metallodrugs with 4-ethylthio-1,8-naphthalimide ligands: Antiproliferative effects, cellular uptake and DNA-interaction. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 156, 148-161	6.8	34
38	Rapid generation of hydrogen peroxide contributes to the complex cell death induction by the angucycline antibiotic landomycin E. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 106, 134-147	7.8	16
37	Self-assembled PtL boxes strongly bind G-quadruplex DNA and influence gene expression in cancer cells. <i>Dalton Transactions</i> , <b>2017</b> , 46, 329-332	4.3	34
36	Metal NHC Complexes with Naphthalimide Ligands as DNA-Interacting Antiproliferative Agents. <i>ChemMedChem</i> , <b>2017</b> , 12, 214-225	3.7	24
35	Intrinsic fluorescence of the clinically approved multikinase inhibitor nintedanib reveals lysosomal sequestration as resistance mechanism in FGFR-driven lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2017</b> , 36, 122	12.8	21
34	Self-Ordering Secondary Structure of d- and l-Arginine-Derived Polyamidoamino Acids. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 987-991	6.6	13
33	Anticancer metal drugs and immunogenic cell death. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 165, 71-79	4.2	76
32	Circular Dichroism of DNA G-Quadruplexes: Combining Modeling and Spectroscopy To Unravel Complex Structures. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 3113-21	3.4	30

31	Teaching Inorganic Photophysics and Photochemistry with Three Ruthenium(II) Polypyridyl Complexes: A Computer-Based Exercise. <i>Journal of Chemical Education</i> , <b>2016</b> , 93, 292-298	2.4	12
30	Metal Ions and Metal Complexes in Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 3996-4010	4.3	27
29	DNA-Binding and Anticancer Activity of Pyrene-Imidazolium Derivatives. <i>ChemistrySelect</i> , <b>2016</b> , 1, 6755-6761	6.8	5
28	Another step toward DNA selective targeting: Ni(II) and Cu(II) complexes of a Schiff base ligand able to bind gene promoter G-quadruplexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7758-67	4.3	35
27	G-quadruplex vs. duplex-DNA binding of nickel(II) and zinc(II) Schiff base complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 161, 115-21	4.2	34
26	Targeting a Targeted Drug: An Approach Toward Hypoxia-Activatable Tyrosine Kinase Inhibitor Prodrugs. <i>ChemMedChem</i> , <b>2016</b> , 11, 2410-2421	3.7	14
25	Synthesis, antiproliferative activity, and in silico insights of new 3-benzoylamino-benzo[b]thiophene derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 90, 537-46	6.8	25
24	Zinc complexes as fluorescent chemosensors for nucleic acids: new perspectives for a "boring" element. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3527-35	4.3	23
23	1,2,3-Triazole in Heterocyclic Compounds, Endowed with Biological Activity, through 1,3-Dipolar Cycloadditions. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 3289-3306	3.2	215
22	Selective G-quadruplex stabilizers: Schiff-base metal complexes with anticancer activity. <i>RSC Advances</i> , <b>2014</b> , 4, 33245-33256	3.7	62
21	A theoretical and experimental investigation of the spectroscopic properties of a DNA-intercalator salphen-type Zn(II) complex. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7439-47	4.8	21
20	New benzothieno[3,2-d]-1,2,3-triazines with antiproliferative activity: synthesis, spectroscopic studies, and biological activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 3291-7	2.9	19
19	Nickel(II), copper(II) and zinc(II) metallo-intercalators: structural details of the DNA-binding by a combined experimental and computational investigation. <i>Dalton Transactions</i> , <b>2014</b> , 43, 6108-19	4.3	72
18	Does ligand symmetry play a role in the stabilization of DNA G-quadruplex host-guest complexes?. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 2665-90	4.3	9
17	DNA interaction of CuII, NiII and ZnII functionalized salphen complexes: studies by linear dichroism, gel electrophoresis and PCR. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11220-6	4.3	26
16	Metal complex-DNA binding: Insights from molecular dynamics and DFT/MM calculations. <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 124, 63-9	4.2	28
15	DNA-binding of nickel(II), copper(II) and zinc(II) complexes: Structure-Affinity relationships. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 2848-2862	23.2	197
14	In Silico, Spectroscopic, and Biological Insights on Annelated Pyrrolo[3,2- e]Pyrimidines with Antiproliferative Activity. <i>Letters in Drug Design and Discovery</i> , <b>2013</b> , 11, 15-26	0.8	9

13	Hsp60, a novel target for antitumor therapy: structure-function features and prospective drugs design. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 2757-64	3.3	55
12	DNA binding and antiproliferative activity toward human carcinoma cells of copper(II) and zinc(II) complexes of a 2,5-diphenyl[1,3,4]oxadiazole derivative. <i>Dalton Transactions</i> , <b>2012</b> , 41, 4389-95	4.3	46
11	(Dipyrido[3,2-a:2'3'-c]phenazine)(glycinato)copper(II) perchlorate: a novel DNA-intercalator with anti-proliferative activity against thyroid cancer cell lines. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 103-10	4.2	25
10	[2]Catenanes and inclusion complexes derived from self-assembled rectangular Pd(II) and Pt(II) metallocycles. <i>Dalton Transactions</i> , <b>2012</b> , 41, 11992-8	4.3	25
9	DNA binding studies and cytotoxicity of a dinuclear Pt(II) diazapyrenium-based metallo-supramolecular rectangular box. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 10983-90	4.8	32
8	Synthesis and chemical characterization of Cu(II), Ni(II) and Zn(II) complexes of 3,5-bis(2-pyridyl)-1,2,4-oxadiazole and 3-(2-pyridyl)-5-(phenyl)-1,2,4-oxadiazole ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 373, 62-67	2.7	22
7	Synthesis, characterization, cellular uptake and interaction with native DNA of a bis(pyridyl)-1,2,4-oxadiazole copper(II) complex. <i>Dalton Transactions</i> , <b>2010</b> , 39, 9140-5	4.3	42
6	Complexation and extraction of PAHs to the aqueous phase with a dinuclear Pt(II) diazapyrenium-based metallocycle. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12373-80	4.8	59
5	Fluorescence emission and enhanced photochemical stability of Zn(II)-5-triethyl ammonium methyl salicylidene ortho-phenylendiiminate interacting with native DNA. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 765-73	4.2	12
4	The interaction of native calf thymus DNA with Fe(III)-dipyrido[3,2-a:2'3'-c]phenazine. <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 1-9	4.2	45
3	Spectroscopic study of the interaction of Ni(II)-5-triethyl ammonium methyl salicylidene ortho-phenylendiiminate with native DNA. <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 731-7	4.2	67
2	The interaction of native calf thymus DNA with Fe(III)-dipyrido[3,2-a:2'3'-c]phenazine. <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 1-9	4.2	33
1	Confinement effects on the interaction of native DNA with Cu(II)-5-(triethylammoniummethyl)salicylidene ortho-phenylendiiminate in C(12)E(4) liquid crystals. <i>Dalton Transactions</i> , <b>2008</b> , 4172-8	4.3	14