

# Eimer Mary Tuite

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3738822/publications.pdf>

Version: 2024-02-01

47  
papers

2,862  
citations

236833

25  
h-index

223716

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Order in the Mechanism of Charge Transport across Single-Stranded and Double-Stranded DNA Monolayers in Tunnel Junctions. <i>Journal of the American Chemical Society</i> , 2021, 143, 20309-20319.	6.6	19
2	Diastereomeric Crowding Effects in the Competitive DNA Intercalation of Ru(phenanthroline) <sub>2</sub> dipyridophenazine <sup>2+</sup> Enantiomers. <i>Inorganic Chemistry</i> , 2019, 58, 9452-9459.	1.9	7
3	Structural Heterogeneity in Polynucleotide-Facilitated Assembly of Phenothiazine Dyes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2891-2899.	1.2	3
4	Duplex Healing of Selectively Thiolated Guanosine Mismatches through a Cd <sup>2+</sup> Chemical Stimulus. <i>ChemBioChem</i> , 2018, 19, 1115-1118.	1.3	3
5	Linear and circular dichroism characterization of thionine binding mode with DNA polynucleotides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 86-92.	2.0	11
6	Self-Priming Enzymatic Fabrication of Multiply Modified DNA. <i>Chemistry - A European Journal</i> , 2018, 24, 15267-15274.	1.7	5
7	The Synthesis of Designer DNA. <i>Methods in Molecular Biology</i> , 2018, 1811, 11-21.	0.4	0
8	Highlights from Faraday Discussion 185: Supramolecular Photochemistry, Cambridge, 2015. <i>Chemical Communications</i> , 2016, 52, 4410-4417.	2.2	1
9	[Ru(phen) <sub>2</sub> dppz] <sup>2+</sup> luminescence reveals nanoscale variation of polarity in the cyclodextrin cavity. <i>Chemical Communications</i> , 2016, 52, 1883-1886.	2.2	9
10	Click Modification of Diazido Acridine Intercalators: A Versatile Route towards Decorated DNA Nanostructures. <i>Chemistry - A European Journal</i> , 2015, 21, 12611-12615.	1.7	8
11	Enzymatic Method for the Synthesis of Long DNA Sequences with Multiple Repeat Units. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8971-8974.	7.2	7
12	Self-organization of photo-active nanostructures: general discussion. <i>Faraday Discussions</i> , 2015, 185, 529-548.	1.6	2
13	Synthesis and binding of proflavine diazides as functional intercalators for directed assembly on DNA. <i>RSC Advances</i> , 2013, 3, 18164.	1.7	19
14	Sensitivity of [Ru(phen) <sub>2</sub> dppz] <sup>2+</sup> light switch emission to ionic strength, temperature, and DNA sequence and conformation. <i>Dalton Transactions</i> , 2013, 42, 4081.	1.6	46
15	Lifetime Heterogeneity of DNA-Bound dppz Complexes Originates from Distinct Intercalation Geometries Determined by Complex-Complex Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 1151-1159.	1.9	47
16	Influence of polystyrenesulfonate on electron transfer quenching of ruthenium trisbipyridine luminescence by viologens: non-covalent assembly and covalent tethering of the ruthenium complex. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3681.	1.3	17
17	DNA Sequence and Ancillary Ligand Modulate the Biexponential Emission Decay of Intercalated [Ru(L) <sub>2</sub> dppz] <sup>2+</sup> Enantiomers. <i>Chemistry - A European Journal</i> , 2012, 18, 15142-15150.	1.7	36
18	Environmental effects on the photophysics of transition metal complexes with dipyrido[2,3-a:3'-c']phenazine (dppz) and related ligands. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2676-2692.	9.5	126

#	ARTICLE	IF	CITATIONS
19	Mechanical and electroconductive properties of spatially distributed double stranded DNA arrays on Au (111). <i>Thin Solid Films</i> , 2008, 516, 8969-8974.	0.8	3
20	Dispersions of alkyl-capped silicon nanocrystals in aqueous media: photoluminescence and ageing. <i>Analyst</i> , The, 2008, 133, 1573.	1.7	36
21	Immobilisation and synthesis of DNA on Si(111), nanocrystalline porous silicon and silicon nanoparticles. <i>Faraday Discussions</i> , 2004, 125, 235.	1.6	56
22	Spatial and Mechanical Properties of Dilute DNA Monolayers on Gold Imaged by AFM. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3591-3597.	1.2	53
23	Picosecond Kerr-gated time-resolved resonance Raman spectroscopy of the [Ru(phen)2dppz]2+ interaction with DNA. <i>Journal of Inorganic Biochemistry</i> , 2002, 91, 286-297.	1.5	35
24	Preparation and characterisation of luminescent alkylated-silicon quantum dots. <i>Journal of Electroanalytical Chemistry</i> , 2002, 538-539, 183-190.	1.9	72
25	Ultrafast Electron-Transfer Reactions between Thionine and Guanosine Bases. <i>Journal of the American Chemical Society</i> , 2001, 123, 6953-6954.	6.6	26
26	Picosecond Time-Resolved Resonance Raman Probing of the Light-Switch States of [Ru(Phen)2dppz]2+. <i>Journal of Physical Chemistry B</i> , 2001, 105, 12653-12664.	1.2	106
27	Photobleaching of Asymmetric Cyanines Used for Fluorescence Imaging of Single DNA Molecules. <i>Journal of the American Chemical Society</i> , 2001, 123, 7985-7995.	6.6	66
28	Co-ion dependence of DNA nuclease activity suggests hydrophobic cavitation as a potential source of activation energy. <i>European Physical Journal E</i> , 2001, 4, 411-417.	0.7	128
29	Probing DNA Conductivity with Photoinduced Electron Transfer and Scanning Tunneling Microscopy. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 277-283.	2.0	8
30	Thermodynamics of Sequence-Specific Binding of PNA to DNA. <i>Biochemistry</i> , 2000, 39, 7781-7791.	1.2	179
31	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999, 24, 33-198.	0.5	0
32	Difference between active and inactive nucleotide cofactors in the effect on the DNA binding and the helical structure of RecA filament. Dissociation of RecA-DNA complex by inactive nucleotides. <i>FEBS Journal</i> , 1999, 262, 88-94.	0.2	20
33	Hybridization of Peptide Nucleic Acid. <i>Biochemistry</i> , 1998, 37, 12331-12342.	1.2	122
34	Short-Circuiting the Molecular Wire: Cooperative Binding of $[Ru(phen)_2dppz]^{2+}$ and $[Rh(phi)_2bipy]^{3+}$ to DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 1454-1455.	6.6	273
35	Absence of chiral discrimination in the interaction of tris(diphenylphenanthroline)ruthenium(II) with DNA. <i>Chemical Communications</i> , 1997, , 2375.	2.2	21
36	Nucleotide Cofactor-Dependent Structural Change of <i>Xenopus laevis</i> Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. <i>Biochemistry</i> , 1997, 36, 13524-13529.	1.2	18

#	ARTICLE	IF	CITATIONS
37	Binding Mode of [Ruthenium(II) (1,10-Phenanthroline) <sub>2</sub> L] <sub>2</sub> <sup>+</sup> with Poly(dT*dA-dT) Triplex. Ligand Size Effect on Third-Strand Stabilization. <i>Biochemistry</i> , 1997, 36, 214-223.	1.2	133
38	Photophysical Evidence That $\hat{\Gamma}^{\text{II}}$ - and $\hat{\Gamma}^{\text{I}}$ -[Ru(phen) <sub>2</sub> (dppz)] <sub>2</sub> <sup>+</sup> Intercalate DNA from the Minor Groove. <i>Journal of the American Chemical Society</i> , 1997, 119, 239-240.	6.6	206
39	Effects of Minor and Major Groove-Binding Drugs and Intercalators on the DNA Association of Minor Groove-Binding Proteins RecA and Deoxyribonuclease I Detected by Flow Linear Dichroism. <i>FEBS Journal</i> , 1997, 243, 482-492.	0.2	35
40	Single- and double-strand photocleavage of DNA by YO, YOYO and TOTO. <i>Nucleic Acids Research</i> , 1996, 24, 1080-1090.	6.5	110
41	The interaction of methylene blue, azure B, and thionine with DNA: Formation of complexes with polynucleotides and mononucleotides as model systems. <i>Biopolymers</i> , 1995, 35, 419-433.	1.2	130
42	Intercalative interactions of ethidium dyes with triplex structures. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 701-711.	1.4	52
43	Effects of Intercalators on Complexation of RecA with Duplex DNA. <i>Biochemistry</i> , 1995, 34, 16365-16374.	1.2	11
44	Methylene blue intercalates with triplex poly(dT)*poly(dA)∧poly(dT) but not duplex poly(dA)∧poly(dT). <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 53-54.	2.0	9
45	Femtosecond deactivation of thionine singlet states by mononucleotides and polynucleotides. <i>Chemical Physics Letters</i> , 1994, 226, 517-524.	1.2	33
46	Sequence-Specific Interactions of Methylene Blue with Polynucleotides and DNA: A Spectroscopic Study. <i>Journal of the American Chemical Society</i> , 1994, 116, 7548-7556.	6.6	236
47	New trends in photobiology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 21, 103-124.	1.7	317