

# Victor A Galievsky

## 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.

51  
papers

1,264  
citations

22  
h-index

34  
g-index

52  
ext. papers

1,349  
ext. citations

4  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
51	On the Origin of d0 Magnetism in Transparent Metal Oxide Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 27714-27722	3.8	0
50	Fluorometer for Screening of Doxorubicin in Perfusate Solution and Tissue with Solid-Phase Microextraction Chemical Biopsy Sampling. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13025-13033	7.8	6
49	Transient Incomplete Separation Facilitates Finding Accurate Equilibrium Dissociation Constant of Protein-Small Molecule Complex. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6707-6711	3.6	1
48	Transient Incomplete Separation Facilitates Finding Accurate Equilibrium Dissociation Constant of Protein-Small Molecule Complex. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6635-6639	16.4	6
47	Improvement of LOD in Fluorescence Detection with Spectrally Nonuniform Background by Optimization of Emission Filtering. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 11122-11128	7.8	17
46	"Getting the best sensitivity from on-capillary fluorescence detection in capillary electrophoresis" - A tutorial. <i>Analytica Chimica Acta</i> , <b>2016</b> , 935, 58-81	6.6	32
45	Luminescence Properties of Yb-2,4-Dimethoxyhematoporphyrin IX, a Promising Compound for Diagnosis of Malignant Tumors. <i>Journal of Applied Spectroscopy</i> , <b>2015</b> , 81, 938-943	0.7	6
44	Two-State Intramolecular Charge Transfer (ICT) with 3,5-Dimethyl-4-(dimethylamino)benzonitrile (MMD) and Its Meta-Isomer mMMD. Ground State Amino Twist Not Essential for ICT. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 11820-36	2.8	25
43	Capillary electrophoresis for quantitative studies of biomolecular interactions. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 157-71	7.8	80
42	Using nonequilibrium capillary electrophoresis of equilibrium mixtures (NECEEM) for simultaneous determination of concentration and equilibrium constant. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 3099-106	7.8	24
41	Water-Soluble Pyridyl Porphyrins with Amphiphilic N-Substituents: Fluorescent Properties and Photosensitized Formation of Singlet Oxygen. <i>Journal of Applied Spectroscopy</i> , <b>2014</b> , 80, 813-823	0.7	14
40	Photophysical properties and singlet oxygen generation efficiencies of water-soluble fullerene nanoparticles. <i>Photochemistry and Photobiology</i> , <b>2014</b> , 90, 997-1003	3.6	24
39	Effect of medium dielectric properties on spontaneous emission of molecular singlet oxygen. <i>Journal of Applied Spectroscopy</i> , <b>2013</b> , 79, 861-867	0.7	3
38	Does photodissociation of molecular oxygen from myoglobin and hemoglobin yield singlet oxygen?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2013</b> , 120, 130-41	6.7	16
37	Photophysical and photochemical properties of HITC indotricarbocyanine dye molecules in solutions. <i>Journal of Applied Spectroscopy</i> , <b>2013</b> , 80, 170-175	0.7	5
36	Steady-state continuous-flow purification by electrophoresis. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7256-60	16.4	16
35	Steady-State Continuous-Flow Purification by Electrophoresis. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7397-7403	16	3

34	Presence and absence of excited state intramolecular charge transfer with the six isomers of dicyano-N,N-dimethylaniline and dicyano-(N-methyl-N-isopropyl)aniline. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 10823-45	2.8	14
33	Quantitative Analysis of Singlet Oxygen ( $^1O_2$ ) Generation via Energy Transfer in Nanocomposites Based on Semiconductor Quantum Dots and Porphyrin Ligands. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 21535-21545	3.8	56
32	Phosphorescence of palladium and platinum complexes of benzo-fused hydroporphyrines. <i>Journal of Applied Spectroscopy</i> , <b>2011</b> , 77, 790-801	0.7	8
31	Dynamics of photosensitized singlet oxygen generation and photophysical characteristics of chlorin e 6 in photolon ointment. <i>Journal of Applied Spectroscopy</i> , <b>2011</b> , 78, 278-285	0.7	8
30	Photoinduced Species of Cationic Co(II) Porphyrin in Complexes with AT-Containing Nucleic Acids Characterized by Resonance Raman and Transient Absorption Spectroscopies. <i>Macromolecules</i> , <b>2011</b> , 44, 89-92	2.2	3
29	Laser NIR lifetime spectrometer with nanosecond time resolution. <i>Instruments and Experimental Techniques</i> , <b>2010</b> , 53, 568-574	0.5	14
28	Ultrafast intramolecular charge transfer with N-(4-cyanophenyl)carbazole. Evidence for a LE precursor and dual LE + ICT fluorescence. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 12622-38	2.8	46
27	Pentacyano-N,N-dimethylaniline in the excited state. Only locally excited state emission, in spite of the large electron affinity of the pentacyanobenzene subgroup. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 13031-9	2.8	13
26	Dynamics and efficiency of the photosensitized singlet oxygen formation by chlorin e 6: The effects of the solution pH and polyvinylpyrrolidone. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2009</b> , 107, 974-980	0.7	20
25	Counterintuitive absence of an excited-state intramolecular charge transfer reaction with 2,4,6-tricyanoanilines. Experimental and computational results. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 2693-710	2.8	22
24	Photophysical characterization of oligopyrene modules for DNA-based nanosystems. <i>Photochemical and Photobiological Sciences</i> , <b>2009</b> , 8, 1448-54	4.2	18
23	The triplet state decay kinetics and deactivation funnel geometry of a series of nonplanar saddle-shaped porphyrins. <i>Chemical Physics Letters</i> , <b>2007</b> , 434, 116-120	2.5	8
22	Intramolecular charge transfer and dielectric solvent relaxation in n-propyl cyanide. N-phenylpyrrole and 4-dimethylamino-4'-cyanostilbene. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 12760-8	2.8	28
21	Photoproduct formation with 4-aminobenzonitriles in acetonitrile and its effect on photophysical measurements. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 11213-23	2.8	26
20	Ultrafast intramolecular charge transfer and internal conversion with tetrafluoro-aminobenzonitriles. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2307-23	3.2	45
19	Resonance Raman and absorption characterization of cationic Co(II)-porphyrin in its complexes with nucleic acids: binding modes, nucleic base specificity and role of water in Co(II) oxidation processes. <i>Journal of Raman Spectroscopy</i> , <b>2005</b> , 36, 962-973	2.3	9
18	Time-resolved fluorescence studies of porphycene isolated in low-temperature gas matrices. <i>Chemical Physics Letters</i> , <b>2004</b> , 394, 410-414	2.5	11
17	Resonance Raman characterization of cationic Co(II) and Co(III) tetrakis(N-methyl-4-pyridinyl)porphyrins in aqueous and non-aqueous media. <i>Journal of Raman Spectroscopy</i> , <b>2003</b> , 34, 868-881	2.3	22

16	Singlet excited state dipole moments of dual fluorescent N-phenylpyrroles and 4-(dimethylamino)benzointrile from solvatochromic and thermochromic spectral shifts. <i>Photochemical and Photobiological Sciences</i> , <b>2003</b> , 2, 342-53	4.2	72
15	Thermally Activated Internal Conversion with 4-(Dimethylamino)benzointrile, 4-(Methylamino)benzointrile, and 4-Aminobenzointrile in Alkane Solvents. No Correlation with Intramolecular Charge Transfer. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 8075-8085	2.8	48
14	Photophysical and Structural Properties of Saddle-Shaped Free Base Porphyrins: Evidence for an Orthogonal Dipole Moment. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 7818-7829	3.4	59
13	Relaxation in excited states of porphycene in low-temperature argon and nitrogen matrices. <i>Chemical Physics Letters</i> , <b>2000</b> , 318, 79-84	2.5	12
12	Comparative Study of the Photophysical Properties of Nonplanar Tetraphenylporphyrin and Octaethylporphyrin Diacids. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 9909-9917	3.4	113
11	Dynamics of formation and decay of the exciplex created between excited Cu(II)-5,10,15,20-tetrakis(4-N-methylpyridyl)porphyrin and thymine C=O groups in short oligothymidylates and double-stranded [poly(dA-dT)] <sub>2</sub> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>1999</b> , 58, 13-20	6.7	4
10	Binding of the cationic 5-coordinate Zn(II)-5,10,15,20-tetrakis(4-N-methylpyridyl)porphyrin to DNA and model polynucleotides: Ionic-strength dependent intercalation in [poly(dG-dC)] <sub>2</sub> . <i>Biospectroscopy</i> , <b>1999</b> , 5, 302-312		26
9	Diversity of excited state deactivation paths in heteroazaaromatics with multiple intermolecular hydrogen bonds. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , <b>1998</b> , 102, 469-475		19
8	Photophysics of the cationic 5,10,15,20-tetrakis(4-N-methylpyridyl) porphyrin bound to DNA, [poly(dA-dT)] <sub>2</sub> and [poly(dG-dC)] <sub>2</sub> : interaction with molecular oxygen studied by porphyrin triplet-triplet absorption and singlet oxygen luminescence. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>1998</b> , 45, 181-190	6.7	56
7	Binding of the cationic 5,10,15,20-tetrakis(4-N-methylpyridyl) porphyrin at 5'CG3' and 5'GC3' sequences of hexadeoxyribonucleotides: triplet-triplet transient absorption, steady-state and time-resolved fluorescence and resonance Raman studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>1998</b> , 45, 67-74	6.7	24
6	Spectroscopy and Photophysics of Tetraalkyldibenzoporphycenes. <i>Journal of Physical Chemistry A</i> , <b>1998</b> , 102, 4966-4971	2.8	35
5	Photophysics of cationic 5,10,15,20-tetrakis-(4-N-methylpyridyl) porphyrin bound to DNA, [poly(dA-dT)] <sub>2</sub> and [poly(dG-dC)] <sub>2</sub> : on a possible charge transfer process between guanine and porphyrin in its excited singlet state. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>1997</b> , 40, 151-159	6.7	70
4	Intermolecular interaction of photoexcited Cu(TMpy-P4) with water studied by transient resonance Raman and picosecond absorption spectroscopies. <i>Chemical Physics Letters</i> , <b>1997</b> , 270, 293-298	2.5	12
3	Excited States of Water-Soluble Metal Porphyrins as Microenvironmental Probes for DNA and DNA-Model Compounds: Time-Resolved Transient Absorption and Resonance Raman Studies of Ni(TMpy-P4) in [Poly(dG-dC)] <sub>2</sub> and [Poly(dA-dT)] <sub>2</sub> . <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 12649-12659		18
2	Picosecond dynamics and mechanism of the interaction of a photoexcited Cu(II)-porphyrin with a DNA-modeling polynucleotide. <i>Journal of Applied Spectroscopy</i> , <b>1995</b> , 62, 275-284	0.7	
1	Dynamics and Mechanism of the Exciplex Formation between Cu(TMpy-P4) and DNA Model Compounds Revealed by Time-Resolved Transient Absorption and Resonance Raman Spectroscopies. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 5732-5741		46