Victor A Galievsky

List of Publications by Year
in descending order

51	1,452	279487	329751
papers	citations	23 h-index	37 g-index

52	52	52	1696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Profiling of Unsaturated Lipids by Raman Spectroscopy Directly on Solid-Phase Microextraction Probes. Analytical Chemistry, 2022, 94, 606-611.	3.2	9
2	On the Origin of d0 Magnetism in Transparent Metal Oxide Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 27714-27722.	1.5	4
3	Fluorometer for Screening of Doxorubicin in Perfusate Solution and Tissue with Solid-Phase Microextraction Chemical Biopsy Sampling. Analytical Chemistry, 2020, 92, 13025-13033.	3.2	14
4	Transient Incomplete Separation Facilitates Finding Accurate Equilibrium Dissociation Constant of Proteinâ€“Small Molecule Complex. Angewandte Chemie, 2019, 131, 6707-6711.	1.6	2
5	Transient Incomplete Separation Facilitates Finding Accurate Equilibrium Dissociation Constant of Proteinâ€“Small Molecule Complex. Angewandte Chemie - International Edition, 2019, 58, 6635-6639.	7.2	9
6	Improvement of LOD in Fluorescence Detection with Spectrally Nonuniform Background by Optimization of Emission Filtering. Analytical Chemistry, 2017, 89, 11122-11128.	3.2	28
7	â€œGetting the best sensitivity from on-capillary fluorescence detection in capillary electrophoresisâ€•â€“ A tutorial. Analytica Chimica Acta, 2016, 935, 58-81.	2.6	47
8	Using Nonequilibrium Capillary Electrophoresis of Equilibrium Mixtures (NECEEM) for Simultaneous Determination of Concentration and Equilibrium Constant. Analytical Chemistry, 2015, 87, 3099-3106.	3.2	33
9	Luminescence Properties of Yb-2,4-Dimethoxyhematoporphyrin IX, a Promising Compound for Diagnosis of Malignant Tumors. Journal of Applied Spectroscopy, 2015, 81, 938-943.	0.3	6
10	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. Journal of Physical Chemistry A, 2015, 119, 11820-11836.	1.1	30
11	Capillary Electrophoresis for Quantitative Studies of Biomolecular Interactions. Analytical Chemistry, 2015, 87, 157-171.	3.2	91
12	Water-Soluble Pyridyl Porphyrins with Amphiphilic N-Substituents: Fluorescent Properties and Photosensitized Formation of Singlet Oxygen. Journal of Applied Spectroscopy, 2014, 80, 813-823.	0.3	17
13	Photophysical Properties and Singlet Oxygen Generation Efficiencies of Waterâ€Soluble Fullerene Nanoparticles. Photochemistry and Photobiology, 2014, 90, 997-1003.	1.3	29
14	Effect of medium dielectric properties on spontaneous emission of molecular singlet oxygen. Journal of Applied Spectroscopy, 2013, 79, 861-867.	0.3	3
15	Does photodissociation of molecular oxygen from myoglobin and hemoglobin yield singlet oxygen?. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 130-141.	1.7	20
16	Photophysical and photochemical properties of HITC indotricarbocyanine dye molecules in solutions. Journal of Applied Spectroscopy, 2013, 80, 170-175.	0.3	9
17	Steadyâ€State Continuousâ€Flow Purification by Electrophoresis. Angewandte Chemie - International Edition, 2013, 52, 7256-7260.	7.2	19
18	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. Journal of Physical Chemistry A, 2011, 115, 10823-10845.	1.1	16

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19	Quantitative Analysis of Singlet Oxygen (¹O₂) Generation via Energy Transfer in Nanocomposites Based on Semiconductor Quantum Dots and Porphyrin Ligands. Journal of Physical Chemistry C, 2011, 115, 21535-21545.	1.5	67
20	Phosphorescence of palladium and platinum complexes of benzo-fused hydroporphyrazines. Journal of Applied Spectroscopy, 2011, 77, 790-801.	0.3	11
21	Dynamics of photosensitized singlet oxygen generation and photophysical characteristics of chlorin e 6 in photolon ointment. Journal of Applied Spectroscopy, 2011, 78, 278-285.	0.3	9
22	Photoinduced Species of Cationic CoII Porphyrin in Complexes with AT-Containing Nucleic Acids Characterized by Resonance Raman and Transient Absorption Spectroscopies. Macroheterocycles, 2011, 4, 89-92.	0.9	4
23	Laser NIR lifetime spectrometer with nanosecond time resolution. Instruments and Experimental Techniques, 2010, 53, 568-574.	0.1	17
24	Ultrafast Intramolecular Charge Transfer withN-(4-Cyanophenyl)carbazole. Evidence for a LE Precursor and Dual LE + ICT Fluorescence. Journal of Physical Chemistry A, 2010, 114, 12622-12638.	1.1	47
25	Pentacyano-N,N-Dimethylaniline in the Excited State. Only Locally Excited State Emission, in Spite of the Large Electron Affinity of the Pentacyanobenzene Subgroup. Journal of Physical Chemistry A, 2010, 114, 13031-13039.	1.1	14
26	Dynamics and efficiency of the photosensitized singlet oxygen formation by chlorin e 6: The effects of the solution pH and polyvinylpyrrolidone. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	25
27	Counterintuitive Absence of an Excited-State Intramolecular Charge Transfer Reaction with 2,4,6-Tricyanoanilines. Experimental and Computational Results. Journal of Physical Chemistry A, 2009, 113, 2693-2710.	1.1	23
28	Photophysical characterization of oligopyrene modules for DNA-based nanosystems. Photochemical and Photobiological Sciences, 2009, 8, 1448.	1.6	18
29	The triplet state decay kinetics and deactivation funnel geometry of a series of nonplanar saddle-shaped porphyrins. Chemical Physics Letters, 2007, 434, 116-120.	1.2	8
30	Intramolecular Charge Transfer and Dielectric Solvent Relaxation inn-Propyl Cyanide.N-Phenylpyrrole and 4-Dimethylamino-4â€˜-cyanostilbene. Journal of Physical Chemistry A, 2006, 110, 12760-12768.	1.1	29
31	Ultrafast Intramolecular Charge Transfer and Internal Conversion with Tetrafluoro-aminobenzonitriles. ChemPhysChem, 2005, 6, 2307-2323.	1.0	48
32	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. Journal of Raman Spectroscopy, 2005, 36, 962-973.	1.2	10
33	Photoproduct Formation with 4-Aminobenzonitriles in Acetonitrile and Its Effect on Photophysical Measurements. Journal of Physical Chemistry A, 2005, 109, 11213-11223.	1.1	30
34	Time-resolved fluorescence studies of porphycene isolated in low-temperature gas matrices. Chemical Physics Letters, 2004, 394, 410-414.	1.2	11
35	Resonance Raman characterization of cationic Co(II) and Co(III) tetrakis(N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (-me 2003, 34, 868-881.	1.2	26
36	Singlet excited state dipole moments of dual fluorescent N-phenylpyrroles and 4-(dimethylamino)benzonitrile from solvatochromic and thermochromic spectral shiftsDedicated to Professor Jean Kossanyi on the occasion of his 70th birthday.. Photochemical and Photobiological Sciences, 2003, 2, 342.	1.6	79

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37	Thermally Activated Internal Conversion with 4-(Dimethylamino)benzonitrile, 4-(Methylamino)benzonitrile, and 4-Aminobenzonitrile in Alkane Solvents. No Correlation with Intramolecular Charge Transferâ€. Journal of Physical Chemistry A, 2003, 107, 8075-8085.	1.1	48
38	Photophysical and Structural Properties of Saddle-Shaped Free Base Porphyrins:Â Evidence for an â€œOrthogonalâ€•Dipole Moment. Journal of Physical Chemistry B, 2001, 105, 7818-7829.	1.2	63
39	Relaxation in excited states of porphycene in low-temperature argon and nitrogen matrices. Chemical Physics Letters, 2000, 318, 79-84.	1.2	12
40	Comparative Study of the Photophysical Properties of Nonplanar Tetraphenylporphyrin and Octaethylporphyrin Diacids. Journal of Physical Chemistry B, 2000, 104, 9909-9917.	1.2	125
41	Dynamics of formation and decay of the exciplex created between excited Cu(II)-5,10,15,20-tetrakis(4-N-methylpyridyl)porphyrin and thymine Cî˜...O groups in short oligothymidylates and double-stranded [poly(dAâ€“dT)]2. Journal of Photochemistry and Photobiology B: Biology, 1999, 52, 43-50.	1.7	5
42	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)]2. Biospectroscopy, 1999, 5, 302-312.	0.4	27
43	Diversity of excited state deactivation paths in heteroazaaromatics with multiple intermolecular hydrogen bonds. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 469-475.	0.9	19
44	Photophysics of the cationic 5, 10, 15,20-tetrakis (4-N-methylpyridyl) porphyrin bound to DNA, [poly(dA-dT)]2 and [poly(dG-dC)]2: interaction with molecular oxygen studied by porphyrin tripletâ€”triplet absorption and singlet oxygen luminescence. Journal of Photochemistry and Photobiology B: Biology, 1998, 42, 181-190.	1.7	62
45	Binding of the cationic 5,10,15,20-tetrakis(4-N-methylpyridyl) porphyrin at 5â€²CG3â€² and 5â€²GC3â€² sequences of hexadeoxyribonucleotides: triplettriplet transient absorption, steady-state and time-resolved fluorescence and resonance Raman studies. Journal of Photochemistry and Photobiology B: Biology, 1998, 45, 67-74.	1.7	27
46	Spectroscopy and Photophysics of Tetraalkyldibenzoporphycenes. Journal of Physical Chemistry A, 1998, 102, 4966-4971.	1.1	37
47	Photophysics of cationic 5,10,15,20-tetrakis-(4-N-methylpyridyl) porphyrin bound to DNA, [poly(dA-dT)]2 and [poly(dG-dC)]2: on a possible charge transfer process between guanine and porphyrin in its excited singlet state. Journal of Photochemistry and Photobiology B: Biology, 1997, 40, 154-162.	1.7	82
48	Intermolecular interaction of photoexcited Cu(TMpy-P4) with water studied by transient resonance Raman and picosecond absorption spectroscopies. Chemical Physics Letters, 1997, 270, 293-298.	1.2	13
49	Excited States of Water-Soluble Metal Porphyrins as Microenvironmental Probes for DNA and DNA-Model Compounds:â€‰ Time-Resolved Transient Absorption and Resonance Raman Studies of Ni(TMpy-P4) in [Poly(dG-dC)]2 and [Poly(dA-dT)]2. The Journal of Physical Chemistry, 1996, 100, 12649-12659.	2.9	18
50	Picosecond dynamics and mechanism of the interaction of a photoexcited Cu(II)-porphyrin with a DNA-modeling polynucleotide. Journal of Applied Spectroscopy, 1995, 62, 275-284.	0.3	0
51	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. The Journal of Physical Chemistry, 1995, 99, 5732-5741.	2.9	49