

Dmitry V Matyushov

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162
papers

3,475
citations

34
h-index

49
g-index

172
ext. papers

3,728
ext. citations

4
avg, IF

6.12
L-index

#	Paper	IF	Citations
162	The theory of electron transfer reactions: what may be missing?. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7470-8	16.4	138
161	Solvent reorganization energy of electron-transfer reactions in polar solvents. <i>Journal of Chemical Physics</i> , 2004 , 120, 7532-56	3.9	95
160	A Failure of Continuum Theory: Temperature Dependence of the Solvent Reorganization Energy of Electron Transfer in Highly Polar Solvents. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 9130-9140	3.4	94
159	A Thermodynamic Analysis of the β and ET(30) Polarity Scales. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 1035-1050	3.4	87
158	Understanding the Optical Band Shape: Coumarin-153 Steady-State Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 8516-8532	2.8	83
157	Modeling the free energy surfaces of electron transfer in condensed phases. <i>Journal of Chemical Physics</i> , 2000 , 113, 5413	3.9	81
156	Reorganization energy of electron transfer in polar liquids. Dependence on reactant size, temperature and pressure. <i>Chemical Physics</i> , 1993 , 174, 199-218	2.3	81
155	Calculation of Lennard-Jones energies of molecular fluids. <i>Journal of Chemical Physics</i> , 1996 , 104, 8627-8638	3.9	74
154	Solvent Reorganization Energy of Charge Transfer in DNA Hairpins. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 14509-14520	3.4	71
153	Protein-water electrostatics and principles of bioenergetics. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 15335-48	3.6	66
152	Energetics of electron-transfer reactions in soft condensed media. <i>Accounts of Chemical Research</i> , 2007 , 40, 294-301	24.3	65
151	Direct Experimental Comparison of the Theories of Thermal and Optical Electron-Transfer: Studies of a Mixed-Valence Dinuclear Iron Polypyridyl Complex. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11714-11726	16.4	59
150	A perturbation theory for solvation thermodynamics: Dipolar-quadrupolar liquids. <i>Journal of Chemical Physics</i> , 1999 , 111, 3630-3638	3.9	59
149	Cavity formation energy in hard sphere fluids: An asymptotically correct expression. <i>Journal of Chemical Physics</i> , 1997 , 107, 5815-5820	3.9	57
148	Protein electron transfer: Dynamics and statistics. <i>Journal of Chemical Physics</i> , 2013 , 139, 025102	3.9	50
147	Ferroelectric hydration shells around proteins: electrostatics of the protein-water interface. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 9246-58	3.4	49
146	Energetics and kinetics of primary charge separation in bacterial photosynthesis. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 10322-42	3.4	48

145	Gaussian excitations model for glass-former dynamics and thermodynamics. <i>Journal of Chemical Physics</i> , 2007 , 126, 094501	3.9	46
144	A perturbation theory and simulations of the dipole solvation thermodynamics: Dipolar hard spheres. <i>Journal of Chemical Physics</i> , 1999 , 110, 994-1009	3.9	46
143	Solvent reorganization entropy of electron transfer in polar solvents. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 8857-63	2.8	45
142	Terahertz absorption of dilute aqueous solutions. <i>Journal of Chemical Physics</i> , 2012 , 137, 235103	3.9	44
141	Dipole solvation in dielectrics. <i>Journal of Chemical Physics</i> , 2004 , 120, 1375-82	3.9	44
140	Effects of Solvent and Solute Polarizability on the Reorganization Energy of Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 2087-2096	2.8	44
139	A molecular theory of electron transfer reactions in polar liquids. <i>Molecular Physics</i> , 1993 , 79, 795-808	1.7	44
138	Optical and radiationless intramolecular electron transitions in nonpolar fluids: Relative effects of induction and dispersion interactions. <i>Journal of Chemical Physics</i> , 1995 , 103, 2034-2049	3.9	42
137	Dipolar Nanodomains in Protein Hydration Shells. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 407-12	6.4	41
136	Glassy protein dynamics and gigantic solvent reorganization energy of plastocyanin. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 5218-27	3.4	39
135	Reorganization Parameters of Electronic Transitions in Electronically Delocalized Systems. 1. Charge Transfer Reactions. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 6470-6484	2.8	39
134	Two-Gaussian excitations model for the glass transition. <i>Journal of Chemical Physics</i> , 2005 , 123, 34506	3.9	38
133	Entropy of Attractive Forces and Molecular Nonsphericity in Real Liquids: A Measure of Structural Ordering. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 2393-2402		38
132	Marcus Bell-Shaped Electron Transfer Kinetics Observed in an Arrhenius Plot. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9251-7	16.4	38
131	Protein electron transfer: is biology (thermo)dynamic?. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 473001	1.8	37
130	Activation entropy of electron transfer reactions. <i>Chemical Physics</i> , 2006 , 324, 172-194	2.3	37
129	A Molecular Treatment of Solvent Effects on Intervalence Electron Transfer. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 5152-5159		36
128	Dipolar response of hydrated proteins. <i>Journal of Chemical Physics</i> , 2012 , 136, 085102	3.9	33

127	A thermodynamic analysis of solvation in dipolar liquids. <i>Journal of Chemical Physics</i> , 1996 , 105, 4729-4741	3.1	33
126	Electron-transfer chain in respiratory complex I. <i>Scientific Reports</i> , 2017 , 7, 5495	4.9	31
125	Nanosecond Stokes shift dynamics, dynamical transition, and gigantic reorganization energy of hydrated heme proteins. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10715-24	3.4	29
124	Energetics of bacterial photosynthesis. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 12424-37	3.4	29
123	Dipole Solvation: Nonlinear Effects, Density Reorganization, and the Breakdown of the Onsager Saturation Limit. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 2146-2157	2.8	29
122	Adiabatic outer sphere electron transfer through the metal-electrolyte interface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991 , 315, 9-28		29
121	Theory and Electrochemistry of Cytochrome c. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 4958-4967	3.4	28
120	Local polarity excess at the interface of water with a nonpolar solute. <i>Chemical Physics Letters</i> , 2011 , 511, 256-261	2.5	27
119	A Theory of Electron Transfer and Steady-State Optical Spectra of Chromophores with Varying Electronic Polarizability. <i>Journal of Physical Chemistry A</i> , 1999 , 103, 10981-10992	2.8	27
118	Solvent response and dielectric relaxation in supercooled butyronitrile. <i>Journal of Chemical Physics</i> , 2006 , 125, 24504	3.9	26
117	Charge separation/recombination reactions in non-polar fluids: a molecular description. <i>Molecular Physics</i> , 1995 , 84, 533-552	1.7	26
116	Free energy functionals for polarization fluctuations: Pekar factor revisited. <i>Journal of Chemical Physics</i> , 2017 , 146, 064504	3.9	25
115	Hydration shells of proteins probed by depolarized light scattering and dielectric spectroscopy: orientational structure is significant, positional structure is not. <i>Journal of Chemical Physics</i> , 2014 , 141, 22D501	3.9	25
114	Electrostatics of liquid interfaces. <i>Journal of Chemical Physics</i> , 2014 , 140, 224506	3.9	23
113	Time-resolved fluorescence of polarizable chromophores. <i>Journal of Chemical Physics</i> , 2001 , 115, 8933-8941	3.1	23
112	Solvent reorganization energy of electron transfer in weakly polar solvents. <i>Chemical Physics</i> , 1996 , 211, 47-71	2.3	23
111	On the microscopic theory of polar solvation dynamics. <i>Journal of Chemical Physics</i> , 2005 , 122, 44502	3.9	22
110	Electric field inside a "Rosky cavity" in uniformly polarized water. <i>Journal of Chemical Physics</i> , 2011 , 135, 084514	3.9	21

109	Dynamical transition, hydrophobic interface, and the temperature dependence of electrostatic fluctuations in proteins. <i>Physical Review E</i> , 2008 , 78, 061901	2.4	21
108	Reorganization Parameters of Electronic Transitions in Electronically Delocalized Systems. 2. Optical Spectra. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 6485-6494	2.8	20
107	Protein dynamics to optimize and control bacterial photosynthesis. <i>Chemical Science</i> , 2013 , 4, 4127	9.4	19
106	Nonlinear dielectric response of polar liquids. <i>Journal of Chemical Physics</i> , 2015 , 142, 244502	3.9	19
105	Non-Gaussian statistics and nanosecond dynamics of electrostatic fluctuations affecting optical transitions in proteins. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 10294-300	3.4	19
104	Redox entropy of plastocyanin: developing a microscopic view of mesoscopic polar solvation. <i>Journal of Chemical Physics</i> , 2008 , 128, 155106	3.9	19
103	Solvent reorganization of electron transitions in viscous solvents. <i>Journal of Chemical Physics</i> , 2006 , 124, 144510	3.9	19
102	Spontaneous Emission and Nonadiabatic Electron Transfer Rates in Condensed Phases. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 5027-5039	2.8	19
101	Dispersion solute-solvent coupling in electron transfer reactions. I. Effective potential. <i>Journal of Chemical Physics</i> , 1998 , 108, 6362-6377	3.9	19
100	Communication: Temperature derivative of the dielectric constant gives access to multipoint correlations in polar liquids. <i>Journal of Chemical Physics</i> , 2016 , 144, 041102	3.9	19
99	Electrostatic fluctuations in cavities within polar liquids and thermodynamics of polar solvation. <i>Physical Review E</i> , 2008 , 78, 041206	2.4	18
98	Nonergodic activated kinetics in polar media. <i>Journal of Chemical Physics</i> , 2009 , 130, 164522	3.9	17
97	Standard electrode potential, Tafel equation, and the solvation thermodynamics. <i>Journal of Chemical Physics</i> , 2009 , 130, 234704	3.9	17
96	Dielectric constant of water in the interface. <i>Journal of Chemical Physics</i> , 2016 , 145, 014504	3.9	17
95	Polarizability of the active site of cytochrome c reduces the activation barrier for electron transfer. <i>Scientific Reports</i> , 2016 , 6, 28152	4.9	17
94	Equilibrium solvation in quadrupolar solvents. <i>Journal of Chemical Physics</i> , 2005 , 123, 044501	3.9	16
93	Reorganization energy of electron transfer in viscous solvents above the glass transition. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 1866-71	3.4	16
92	Protein Dielectrophoresis in Solution. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 9119-9127	3.4	16

91	Communication: Microsecond dynamics of the protein and water affect electron transfer in a bacterial bc(1) complex. <i>Journal of Chemical Physics</i> , 2015 , 142, 161101	3.9	14
90	Coulomb Soup of Bioenergetics: Electron Transfer in a Bacterial bc1 Complex. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3602-3606	6.4	14
89	Terahertz response of dipolar impurities in polar liquids: on anomalous dielectric absorption of protein solutions. <i>Physical Review E</i> , 2010 , 81, 021914	2.4	14
88	Non-Condon theory of nonadiabatic electron transfer reactions in V-shaped donor-bridge-acceptor complexes. <i>Journal of Chemical Physics</i> , 2003 , 118, 5596-5606	3.9	14
87	The solvent-solute distribution function of binary hard sphere mixtures for dilute concentrations of the large sphere. <i>Molecular Physics</i> , 1999 , 96, 1813-1816	1.7	14
86	Stationary points in the temperature dependence of electron transfer rates. <i>Chemical Physics Letters</i> , 1994 , 220, 359-364	2.5	14
85	Properties of liquids at the boiling point: Equation of state, internal pressure and vaporization entropy. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1994 , 98, 1590-1595		14
84	Terahertz absorption of lysozyme in solution. <i>Journal of Chemical Physics</i> , 2017 , 147, 084502	3.9	13
83	Electrostatics of the protein-water interface and the dynamical transition in proteins. <i>Physical Review E</i> , 2011 , 84, 011908	2.4	13
82	Microscopic fields in liquid dielectrics. <i>Journal of Chemical Physics</i> , 2008 , 129, 174508	3.9	13
81	Cavity field in liquid dielectrics. <i>Europhysics Letters</i> , 2008 , 82, 16003	1.6	13
80	A phenomenological model of dynamical arrest of electron transfer in solvents in the glass-transition region. <i>Journal of Chemical Physics</i> , 2005 , 122, 84507	3.9	13
79	Dynamical arrest of electron transfer in liquid crystalline solvents. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 13184-94	3.4	13
78	On the validity of dielectric continuum models in application to solvation in molecular solvents. <i>Journal of Chemical Physics</i> , 2003 , 118, 1859-1862	3.9	13
77	Dipolar susceptibility of protein hydration shells. <i>Chemical Physics Letters</i> , 2018 , 713, 210-214	2.5	13
76	Fluctuation relations, effective temperature, and ageing of enzymes: The case of protein electron transfer. <i>Journal of Molecular Liquids</i> , 2018 , 266, 361-372	6	13
75	Termination of Biological Function at Low Temperatures: Glass or Structural Transition?. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 2359-2366	6.4	12
74	Electrophoretic mobility without charge driven by polarisation of the nanoparticle-water interface. <i>Molecular Physics</i> , 2014 , 112, 2029-2039	1.7	12

73	Non-Gaussian statistics of electrostatic fluctuations of hydration shells. <i>Journal of Chemical Physics</i> , 2011 , 135, 104501	3.9	12
72	Solvated dissipative electro-elastic network model of hydrated proteins. <i>Journal of Chemical Physics</i> , 2012 , 137, 165101	3.9	12
71	Nonlinear effects in dipole solvation. II. Optical spectra and electron transfer activation. <i>Journal of Chemical Physics</i> , 1997 , 107, 1375-1387	3.9	12
70	Donor-acceptor vibrations in nonadiabatic electron transfer reactions. <i>Chemical Physics</i> , 1992 , 164, 31-46	2.3	12
69	On the theory of dielectric spectroscopy of protein solutions. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 325105, 1-8	1.8	11
68	Electron transfer in molecules with conformational transitions. <i>Chemical Physics Letters</i> , 1993 , 203, 131-136	3.6	11
67	Electron transfer in nonpolar media. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 10653-10665	3.6	11
66	Complex Dynamics of Water in Protein Confinement. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 3418-3435	3.4	11
65	Effective Dielectric Constant of Water at the Interface with Charged C Fullerenes. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 3135-3143	3.4	10
64	Non-Gaussian lineshapes and dynamics of time-resolved linear and nonlinear (correlation) spectra. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 7925-36	3.4	10
63	Free energy of ion hydration: Interface susceptibility and scaling with the ion size. <i>Journal of Chemical Physics</i> , 2015 , 143, 044511	3.9	10
62	Surface Polarity and Nanoscale Solvation. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3685-9	6.4	10
61	Electron transfer accompanied by bond rupture. <i>Chemical Physics</i> , 1988 , 127, 325-334	2.3	10
60	Configurational entropy of polar glass formers and the effect of electric field on glass transition. <i>Journal of Chemical Physics</i> , 2016 , 145, 034504	3.9	10
59	Depolarized light scattering and dielectric response of a peptide dissolved in water. <i>Journal of Chemical Physics</i> , 2014 , 140, 035101	3.9	9
58	Non-Ergodic Electron Transfer in Mixed-Valence Charge-Transfer Complexes. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1644-8	6.4	9
57	"Ideal glassformers" vs "ideal glasses": studies of crystal-free routes to the glassy state by "potential tuning" molecular dynamics, and laboratory calorimetry. <i>Journal of Chemical Physics</i> , 2013 , 138, 12A549	3.9	9
56	Reorganization asymmetry of electron transfer in ferroelectric media and principles of artificial photosynthesis. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 10095-104	3.4	9

55	Activated kinetics in a nonequilibrium thermal bath. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9401-3	11.5	9
54	Impact of Temperature and Non-Gaussian Statistics on Electron Transfer in Donor-Bridge-Acceptor Molecules. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 2665-2676	3.4	8
53	Interfacial Structural Transition in Hydration Shells of a Polarizable Solute. <i>Physical Review Letters</i> , 2015 , 114, 207801	7.4	8
52	Electrode redox reactions with polarizable molecules. <i>Journal of Chemical Physics</i> , 2018 , 148, 154501	3.9	8
51	Dynamical Effects in Protein Electrochemistry. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 7290-7301	3.4	8
50	Electrostatic solvation and mobility in uniform and non-uniform electric fields: From simple ions to proteins. <i>Biomicrofluidics</i> , 2019 , 13, 064106	3.2	8
49	Dissipative electro-elastic network model of protein electrostatics. <i>Physical Biology</i> , 2012 , 9, 036004	3	8
48	Non-Gaussian statistics of binding/unbinding events and the energetics of electron transfer reactions. <i>Chemical Physics</i> , 2008 , 351, 46-50	2.3	8
47	Model energy landscapes of low-temperature fluids: Dipolar hard spheres. <i>Physical Review E</i> , 2007 , 76, 011511	2.4	8
46	Photosynthetic diode: electron transport rectification by wetting the quinone cofactor. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22523-8	3.6	7
45	Nonlinear effects in dipole solvation. I. Thermodynamics. <i>Journal of Chemical Physics</i> , 1997 , 107, 1362-1374	3.4	7
44	Dielectric response of one-dimensional polar chains. <i>Journal of Chemical Physics</i> , 2007 , 127, 054702	3.9	7
43	Potential-step transient response of an electrochemical system. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 367, 1-6	4.1	7
42	Response to "Comment on "Nonlinear dielectric response of polar liquids" [J. Chem. Phys. 144, 087101 (2016)]. <i>Journal of Chemical Physics</i> , 2016 , 144, 087102	3.9	7
41	Electrode reactions in slowly relaxing media. <i>Journal of Chemical Physics</i> , 2017 , 147, 194506	3.9	6
40	Theory of solvation in polar nematics. <i>Journal of Chemical Physics</i> , 2006 , 124, 114904	3.9	6
39	Quadrupolar solvatochromism: 4-amino-phthalimide in toluene. <i>Journal of Chemical Physics</i> , 2006 , 124, 204502	3.9	6
38	Dynamical arrest of electron transfer reorganization in super-cooled water. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16390-1	16.4	6

37	Reorganization energy of intermolecular electron transfer in solvents near isotropic/nematic transition. <i>Journal of Chemical Physics</i> , 2003 , 119, 1559-1568	3.9	6
36	Mobility of large ions in water. <i>Journal of Chemical Physics</i> , 2020 , 153, 044503	3.9	6
35	Equilibrium Solvation, Electron-Transfer Reactions, and Stokes-Shift Dynamics in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 3754-3769	3.4	6
34	Wetting of the Protein Active Site Leads to Non-Marcusian Reaction Kinetics. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 10490-10495	3.4	6
33	Solvent-Induced Shift of Spectral Lines in Polar-Polarizable Solvents. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 2232-2240	2.8	5
32	Nonequilibrium vibrational population and donor-acceptor vibrations affecting rates of radiationless transitions. <i>Journal of Chemical Physics</i> , 2019 , 150, 074504	3.9	5
31	Screening of Coulomb interactions in liquid dielectrics. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 325101	1.8	5
30	Optical Absorption by Charge-Transfer Molecules. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 6564-6578	3.4	5
29	Ergodicity breaking of iron displacement in heme proteins. <i>Soft Matter</i> , 2017 , 13, 8188-8201	3.6	5
28	Driving Forces of Protein Diffusion. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 10137-10143	6.4	5
27	Q-model of electrode reactions: altering force constants of intramolecular vibrations. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24176-24185	3.6	5
26	Why are Vibrational Lines Narrow in Proteins?. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 5932-5937	6.4	4
25	Control of Electron Transfer Rates in Liquid Crystalline Media. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 1937-1940	3.4	4
24	Electron transfer induced by liquid defect motion. Exact solution. <i>Chemical Physics</i> , 1991 , 155, 331-344	2.3	4
23	Polarizability of the Active Site in Enzymatic Catalysis: Cytochrome. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 10691-10699	3.4	4
22	Interfacial structural crossover and hydration thermodynamics of charged C in water. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 27069-27081	3.6	4
21	Thermodynamics of Reactions Affected by Medium Reorganization. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 12302-12311	3.4	4
20	Dielectric Susceptibility of Water in the Interface. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 8282-8293	3.4	4

19	Dynamical and orientational structural crossovers in low-temperature glycerol. <i>Physical Review E</i> , 2016 , 94, 012616	2.4	3
18	Paraelectric and ferroelectric order in two-state dipolar fluids. <i>Journal of Chemical Physics</i> , 2005 , 122, 191101	3.9	3
17	Nonlinear Dielectric Response of Polar Liquids. <i>Advances in Dielectrics</i> , 2018 , 1-34	0.6	3
16	Dielectrophoresis of Proteins in Solution. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 11634-11647	3.4	3
15	Mobility of nanometer-size solutes in water driven by electric field. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 463, 366-375	3.3	3
14	Violation of fluctuation-dissipation relations for electron transfer in nonpolar solvents. <i>Physical Review Research</i> , 2021 , 3,	3.9	3
13	Kubo@ Line Shape Function for a Linear-Quadratic Chromophore-Solvent Coupling. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 9006-8	3.4	2
12	Half Reactions with Multiple Redox States Do Not Follow the Standard Theory: A Computational Study of Electrochemistry of C60. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 17080-17087	3.8	2
11	Thermodynamics and dynamics of a monoatomic glass former. Constant pressure and constant volume behavior. <i>Journal of Chemical Physics</i> , 2008 , 128, 144505	3.9	2
10	Electron-Induced Proton Transfer. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 12264-12273	3.4	2
9	Manual for Theoretical Chemistry 2021 ,		2
8	Quantifying dielectric permittivities in the nonlinear regime. <i>Journal of Physics Condensed Matter</i> , 2021 , 33,	1.8	2
7	Enhanced Molecular Diffusivity through Destructive Interference between Electrostatic and Osmotic Forces. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 6648-6653	6.4	2
6	New Developments in the Theoretical Description of Charge-Transfer Reactions in Condensed Phases 147-210		1
5	Dielectric friction, violation of the Stokes-Einstein-Debye relation, and non-Gaussian transport dynamics of dipolar solutes in water. <i>Physical Review Research</i> , 2021 , 3,	3.9	1
4	Reorganization Energy of Electron Transfer in Ionic Liquids.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 3297-3303	6.4	1
3	Ewald sum corrections in simulations of ion and dipole solvation and electron transfer. <i>Journal of Chemical Physics</i> , 2021 , 155, 114110	3.9	0
2	Strong increase of correlations in liquid glycerol observed by nonlinear dielectric techniques.. <i>Journal of Chemical Physics</i> , 2022 , 156, 171102	3.9	0

- 1 Faradaic impedance at nonequilibrium electrode polarization. *Electrochimica Acta*, **1993**, 38, 1671-1678 6.7