

Majed Chergui

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ext. citations

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L-index

#	Paper	IF	Citations
297	Femtosecond XANES study of the light-induced spin crossover dynamics in an iron(II) complex. <i>Science</i> , 2009 , 323, 489-92	33.3	450
296	Photochemically Grown Silver Nanoparticles with Wavelength-Controlled Size and Shape. <i>Nano Letters</i> , 2003 , 3, 1565-1568	11.5	395
295	Ultrafast X-ray absorption spectroscopy. <i>Chemical Reviews</i> , 2004 , 104, 1781-812	68.1	392
294	Ultrafast nonadiabatic dynamics of [Fe(II)(bpy)(3)](2+) in solution. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8199-206	16.4	263
293	Femtosecond fluorescence and intersystem crossing in rhenium(I) carbonyl-bipyridine complexes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8967-74	16.4	245
292	Sub-50-fs photoinduced spin crossover in [Fe(bpy)] ³⁺ . <i>Nature Chemistry</i> , 2015 , 7, 629-33	17.6	235
291	Broadband femtosecond fluorescence spectroscopy of [Ru(bpy) ₃] ²⁺ . <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3174-6	16.4	228
290	Light-induced spin crossover in Fe(II)-based complexes: The full photocycle unraveled by ultrafast optical and X-ray spectroscopies. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 2677-2686	23.2	217
289	Electron and X-ray methods of ultrafast structural dynamics: advances and applications. <i>ChemPhysChem</i> , 2009 , 10, 28-43	3.2	189
288	Structural determination of a short-lived excited iron(II) complex by picosecond x-ray absorption spectroscopy. <i>Physical Review Letters</i> , 2007 , 98, 057401	7.4	187
287	Fluorescence and phosphorescence from individual molecules excited by local electron tunneling. <i>Physical Review Letters</i> , 2005 , 95, 196102	7.4	156
286	Observing photochemical transients by ultrafast x-ray absorption spectroscopy. <i>Physical Review Letters</i> , 2003 , 90, 047403	7.4	156
285	Ultrafast excited-state dynamics of rhenium(I) photosensitizers [Re(Cl)(CO) ₃ (N,N)] and [Re(imidazole)(CO) ₃ (N,N)] ⁺ : diimine effects. <i>Inorganic Chemistry</i> , 2011 , 50, 2932-43	5.1	155
284	Electronic and molecular structure of photoexcited [Ru(II)(bpy) ₃] ²⁺ probed by picosecond X-ray absorption spectroscopy. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5001-9	16.4	152
283	Vibrational coherences and relaxation in the high-spin state of aqueous [Fe(II)(bpy) ₃] ²⁺ . <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7184-7	16.4	147
282	Recent experimental and theoretical developments in time-resolved X-ray spectroscopies. <i>Coordination Chemistry Reviews</i> , 2014 , 277-278, 44-68	23.2	142
281	Ultrafast photophysics of transition metal complexes. <i>Accounts of Chemical Research</i> , 2015 , 48, 801-8	24.3	140

280	Photoinduced Structural Dynamics of Molecular Systems Mapped by Time-Resolved X-ray Methods. <i>Chemical Reviews</i> , 2017 , 117, 11025-11065	68.1	139
279	Molecular structural dynamics probed by ultrafast X-ray absorption spectroscopy. <i>Annual Review of Physical Chemistry</i> , 2010 , 61, 263-82	15.7	137
278	Synthesis of high quality zinc blende CdSe nanocrystals. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 10533-7	3.4	128
277	Temperature effects on the spectral properties of colloidal CdSe nanodots, nanorods, and tetrapods. <i>Applied Physics Letters</i> , 2007 , 90, 093104	3.4	118
276	Ultrafast tryptophan-to-heme electron transfer in myoglobins revealed by UV 2D spectroscopy. <i>Science</i> , 2013 , 339, 1586-9	33.3	114
275	Probing the ultrafast charge translocation of photoexcited retinal in bacteriorhodopsin. <i>Science</i> , 2005 , 309, 917-20	33.3	111
274	Strongly bound excitons in anatase TiO single crystals and nanoparticles. <i>Nature Communications</i> , 2017 , 8, 13	17.4	110
273	Vibrational relaxation and intersystem crossing of binuclear metal complexes in solution. <i>Journal of the American Chemical Society</i> , 2011 , 133, 305-15	16.4	108
272	Ultrafast excited-state dynamics of [Re(L)(CO) ₃ (bpy)] _n complexes: involvement of the solvent. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 6361-9	2.8	107
271	Structural determination of a photochemically active diplatinum molecule by time-resolved EXAFS spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2711-4	16.4	107
270	On the interplay between charge, spin and structural dynamics in transition metal complexes. <i>Dalton Transactions</i> , 2012 , 41, 13022-9	4.3	104
269	Charge migration and charge transfer in molecular systems. <i>Structural Dynamics</i> , 2017 , 4, 061508	3.2	98
268	A high-repetition rate scheme for synchrotron-based picosecond laser pump/x-ray probe experiments on chemical and biological systems in solution. <i>Review of Scientific Instruments</i> , 2011 , 82, 063111	1.7	97
267	Solvent-induced luminescence quenching: static and time-resolved X-ray absorption spectroscopy of a copper(I) phenanthroline complex. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 4591-601	2.8	95
266	A setup for ultrafast time-resolved x-ray absorption spectroscopy. <i>Review of Scientific Instruments</i> , 2004 , 75, 24-30	1.7	90
265	Coherent ultrafast torsional motion and isomerization of a biomimetic dipolar photoswitch. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3178-87	3.6	89
264	Relativistic effects in spectroscopy and photophysics of heavy-metal complexes illustrated by spin-orbit calculations of [Re(imidazole)(CO) ₃ (phen)] ⁺ . <i>Coordination Chemistry Reviews</i> , 2011 , 255, 975-989	23.2	87
263	Mapping of the photoinduced electron traps in TiO ₂ by picosecond X-ray absorption spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5858-62	16.4	83

262	Time-resolved photodynamics of triangular-shaped silver nanoplates. <i>Nano Letters</i> , 2006 , 6, 7-10	11.5	82
261	Rydberg states of NO trapped in rare gas matrices. <i>Journal of Chemical Physics</i> , 1986 , 85, 2472-2482	3.9	82
260	Ultrafast excited state dynamics of the protonated Schiff base of all-trans retinal in solvents. <i>Biophysical Journal</i> , 2005 , 88, 2779-88	2.9	81
259	An artificial molecular switch that mimics the visual pigment and completes its photocycle in picoseconds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17642-7	11.5	78
258	The visible emission and absorption spectrum of C60. <i>Journal of Chemical Physics</i> , 1997 , 107, 8731-8741	3.9	73
257	Polychromatic femtosecond fluorescence studies of metal polypyridine complexes in solution. <i>Chemical Physics</i> , 2012 , 393, 51-57	2.3	72
256	Coupling of a high-energy excitation to superconducting quasiparticles in a cuprate from coherent charge fluctuation spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4539-4544	11.5	71
255	Contrasting the excited-state dynamics of the photoactive yellow protein chromophore: protein versus solvent environments. <i>Biophysical Journal</i> , 2004 , 87, 1848-57	2.9	69
254	Spectral and dynamical characterization of multiexcitons in colloidal CdSe semiconductor quantum dots. <i>Physical Review B</i> , 2005 , 71,	3.3	68
253	Ultrafast fluorescence studies of dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 7934-7	3.6	67
252	Rydberg fluorescence of NO trapped in rare gas matrices. <i>Journal of Chemical Physics</i> , 1988 , 89, 1277-1284	3.4	67
251	Probing the transition from hydrophilic to hydrophobic solvation with atomic scale resolution. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12740-8	16.4	66
250	Multiphoton-excited luminescent lanthanide bioprobes: two- and three-photon cross sections of dipicolinate derivatives and binuclear helicates. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2932-7	3.4	66
249	Exploiting EXAFS and XANES for time-resolved molecular structures in liquids. <i>Zeitschrift für Kristallographie</i> , 2008 , 223,		66
248	Time-resolved visible and infrared study of the cyano complexes of myoglobin and of hemoglobin I from <i>Lucina pectinata</i> . <i>Biophysical Journal</i> , 2004 , 87, 1881-91	2.9	64
247	A quantum dynamics study of the ultrafast relaxation in a prototypical Cu(I)-phenanthroline. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 9861-9	2.8	62
246	Origin of electronic absorption spectra of MLCT-excited and one-electron reduced 2,2'-bipyridine and 1,10-phenanthroline complexes. <i>Inorganica Chimica Acta</i> , 2011 , 374, 578-585	2.7	62
245	Structural analysis of ultrafast extended x-ray absorption fine structure with subpicometer spatial resolution: application to spin crossover complexes. <i>Journal of Chemical Physics</i> , 2009 , 130, 124520	3.9	62

244	On the Excitation Wavelength Dependence of the Luminescence Yield of Colloidal CdSe Quantum Dots. <i>Nano Letters</i> , 2004 , 4, 2483-2487	11.5	61
243	A femtosecond fluorescence study of vibrational relaxation and cooling dynamics of UV dyes. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 3513-9	3.6	59
242	Ultrabroadband femtosecond two-dimensional ultraviolet transient absorption. <i>Optics Letters</i> , 2012 , 37, 2337-9	3	59
241	Electron localization dynamics in the triplet excited state of [Ru(bpy) ₃] ²⁺ in aqueous solution. <i>Chemistry - A European Journal</i> , 2010 , 16, 5889-94	4.8	59
240	Towards structural dynamics in condensed chemical systems exploiting ultrafast time-resolved x-ray absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2002 , 116, 2955-2966	3.9	59
239	X-ray absorption spectroscopy of ground and excited rhenium-carbonyl-diimine complexes: evidence for a two-center electron transfer. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 361-9	2.8	57
238	Charge transfer to solvent identified using dark channel fluorescence-yield L-edge spectroscopy. <i>Nature Chemistry</i> , 2010 , 2, 853-7	17.6	57
237	Experimental evidence to Rydbergization of antibonding molecular orbitals. <i>Chemical Physics Letters</i> , 1994 , 219, 237-242	2.5	57
236	Picosecond and femtosecond X-ray absorption spectroscopy of molecular systems. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010 , 66, 229-39		56
235	Insights into excited-state and isomerization dynamics of bacteriorhodopsin from ultrafast transient UV absorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4101-6	11.5	56
234	Real-time observation of the charge transfer to solvent dynamics. <i>Nature Communications</i> , 2013 , 4, 2119	17.4	55
233	Photexcitation of aqueous ruthenium(II)-tris-(2,2'-bipyridine) with high-intensity femtosecond laser pulses. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 26497-505	3.4	55
232	Observation of the solvent shell reorganization around photoexcited atomic solutes by picosecond X-ray absorption spectroscopy. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1530-1	16.4	54
231	Revealing hole trapping in zinc oxide nanoparticles by time-resolved X-ray spectroscopy. <i>Nature Communications</i> , 2018 , 9, 478	17.4	53
230	Ultrafast X-Ray Spectroscopy of Conical Intersections. <i>Physical Review Letters</i> , 2018 , 120, 243001	7.4	53
229	Broadband Femtosecond Fluorescence Spectroscopy of [Ru(bpy) ₃] ²⁺ . <i>Angewandte Chemie</i> , 2006 , 118, 3246-3248	3.6	53
228	Femtosecond fluorescence upconversion setup with broadband detection in the ultraviolet. <i>Optics Letters</i> , 2007 , 32, 3555-7	3	53
227	Localized holes and delocalized electrons in photoexcited inorganic perovskites: Watching each atomic actor by picosecond X-ray absorption spectroscopy. <i>Structural Dynamics</i> , 2017 , 4, 044002	3.2	52

226	Femtosecond dynamics of electronic 'bubbles' in solid argon: viewing the inertial response and the bath coherences. <i>Chemical Physics Letters</i> , 2000 , 316, 51-59	2.5	52
225	Cage effect for the abstraction of H from H ₂ O in Ar matrices. <i>Journal of Chemical Physics</i> , 1989 , 91, 4128-4133	3.4	51
224	Femtosecond X-ray absorption study of electron localization in photoexcited anatase TiO ₂ . <i>Scientific Reports</i> , 2015 , 5, 14834	4.9	50
223	Absorption Wavelengths and Bandwidths for Interstellar Searches of C 60 in the 2400-100 Å Region. <i>Astrophysical Journal, Supplement Series</i> , 2001 , 135, 263-273	8	50
222	The solvent shell structure of aqueous iodide: X-ray absorption spectroscopy and classical, hybrid QM/MM and full quantum molecular dynamics simulations. <i>Chemical Physics</i> , 2010 , 371, 24-29	2.3	49
221	Fluorescence spectra of isolated molecules in neon and argon matrices: assignment of the lowest emitting states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996 , 29, 4997-5013	1.3	49
220	Time-resolved X-ray spectroscopies of chemical systems: New perspectives. <i>Structural Dynamics</i> , 2016 , 3, 031001	3.2	48
219	L-edge XANES analysis of photoexcited metal complexes in solution. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 5551-61	3.6	44
218	Subpicosecond near-infrared fluorescence upconversion study of relaxation processes in PbSe quantum dots. <i>Physical Review B</i> , 2007 , 76,	3.3	44
217	Femtosecond pump/supercontinuum-probe setup with 20 kHz repetition rate. <i>Review of Scientific Instruments</i> , 2012 , 83, 093105	1.7	43
216	Photooxidation and photoaquation of iron hexacyanide in aqueous solution: A picosecond X-ray absorption study. <i>Structural Dynamics</i> , 2014 , 1, 024901	3.2	41
215	Functional electric field changes in photoactivated proteins revealed by ultrafast Stark spectroscopy of the Trp residues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7718-23	11.5	41
214	Heterogeneity and relaxation dynamics of the photoexcited retinal Schiff base cation in solution. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 4384-93	3.4	41
213	A full multiple scattering model for the analysis of time-resolved X-ray difference absorption spectra. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 14035-9	3.4	41
212	Phosphorescence of C ₆₀ in rare gas matrices. <i>Chemical Physics Letters</i> , 1996 , 261, 213-220	2.5	41
211	Beyond structure: ultrafast X-ray absorption spectroscopy as a probe of non-adiabatic wavepacket dynamics. <i>Faraday Discussions</i> , 2016 , 194, 117-145	3.6	41
210	Femtosecond carrier dynamics in bulk graphite and graphene paper. <i>Chemical Physics Letters</i> , 2011 , 504, 37-40	2.5	40
209	Assignment of the Lowest Excited States of C ₇₀ and Evidence for Fluorescence from the S ₂ State. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 3072-3077	2.8	40

208	Harmonium: A pulse preserving source of monochromatic extreme ultraviolet (30-110 eV) radiation for ultrafast photoelectron spectroscopy of liquids. <i>Structural Dynamics</i> , 2016 , 3, 023602	3.2	40
207	The medium response to an impulsive redistribution of charge in solid argon: Molecular dynamics simulations and normal mode analysis. <i>Journal of Chemical Physics</i> , 2001 , 114, 5264-5272	3.9	39
206	Threshold and cage effect for dissociation of H ₂ O and D ₂ O in Ar and Kr matrices. <i>Journal of Chemical Physics</i> , 1990 , 93, 3245-3251	3.9	39
205	A compact and cost-effective hard X-ray free-electron laser driven by a high-brightness and low-energy electron beam. <i>Nature Photonics</i> , 2020 , 14, 748-754	33.9	38
204	Cage exit probability versus excess energy in the photodissociation of matrix-isolated HCl. <i>Journal of Chemical Physics</i> , 1996 , 105, 451-458	3.9	38
203	Vibrational coherence transfer in the ultrafast intersystem crossing of a diplatinum complex in solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6396-E6403	11.5	38
202	Probing wavepacket dynamics using ultrafast x-ray spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 214001	1.3	37
201	Energy transfer and relaxation mechanisms in Cytochrome c. <i>Chemical Physics</i> , 2012 , 396, 108-115	2.3	37
200	Evidence of Large Polarons in Photoemission Band Mapping of the Perovskite Semiconductor CsPbBr ₃ . <i>Physical Review Letters</i> , 2020 , 124, 206402	7.4	36
199	The role of Hartree-Fock exchange in the simulation of X-ray absorption spectra: A study of photoexcited. <i>Chemical Physics Letters</i> , 2013 , 580, 179-184	2.5	36
198	Ultrafast expansion and vibrational coherences of electronic 'Bubbles' in solid neon. <i>Chemical Physics Letters</i> , 2002 , 362, 31-38	2.5	36
197	Dual Luminescence, Interligand Decay, and Nonradiative Electronic Relaxation of Cyclometalated Iridium Complexes in Solution. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 16459-16469	3.8	36
196	Femtosecond UV studies of the electronic relaxation processes in Cytochrome c. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 13723-30	3.4	35
195	Femtosecond dynamics of I ₂ (B ³ U ⁺) in liquids from resonance Raman spectra. <i>Journal of Chemical Physics</i> , 1994 , 101, 7381-7387	3.9	35
194	Charge-transfer and impulsive electronic-to-vibrational energy conversion in ferricyanide: ultrafast photoelectron and transient infrared studies. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 17052-17062	3.6	34
193	Changes in the Silanol Protonation State Measured In Situ at the Silica/Aqueous Interface. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 231-235	6.4	34
192	A model for the multi-exponential excited-state decay of CdSe nanocrystals. <i>Chemical Physics</i> , 2009 , 357, 96-101	2.3	34
191	Rydberg states in quantum crystals NO in solid H ₂ . <i>Faraday Discussions</i> , 1997 , 108, 139-159	3.6	34

190	Vibrational coherences of the protonated Schiff base of all-trans retinal in solution. <i>Chemical Physics</i> , 2007 , 338, 168-174	2.3	34
189	X-ray spectroscopic study of solvent effects on the ferrous and ferric hexacyanide anions. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 9411-8	2.8	33
188	Excited state X-ray absorption spectroscopy: Probing both electronic and structural dynamics. <i>Journal of Chemical Physics</i> , 2016 , 145, 144307	3.9	33
187	Photoaquation Mechanism of Hexacyanoferrate(II) Ions: Ultrafast 2D UV and Transient Visible and IR Spectroscopies. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7335-7347	16.4	32
186	Photophysics of a copper phenanthroline elucidated by trajectory and wavepacket-based quantum dynamics: a synergetic approach. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 19590-19600	3.6	32
185	Probing the electronic and geometric structure of ferric and ferrous myoglobins in physiological solutions by Fe K-edge absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 1617-31	3.6	32
184	Ultrafast Relaxation Dynamics of Osmium Polypyridine Complexes in Solution. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 15958-15966	3.8	32
183	Dynamics of structural relaxation upon Rydberg excitation of an impurity in an Ar crystal. <i>Chemical Physics</i> , 1998 , 233, 343-352	2.3	32
182	Nanoscale dynamics by short-wavelength four wave mixing experiments. <i>New Journal of Physics</i> , 2013 , 15, 123023	2.9	31
181	Ultrafast UV photon echo peak shift and fluorescence up conversion studies of non-polar solvation dynamics. <i>Chemical Physics</i> , 2008 , 350, 104-110	2.3	31
180	Photodissociation of water in rare gas matrices: Cage effect and local heating of the lattice. <i>Journal of Chemical Physics</i> , 1993 , 98, 7786-7791	3.9	31
179	Picosecond TimeResolved XRay Absorption Spectroscopy of Solvated Organometallic Complexes. <i>Physica Scripta</i> , 2005 , 102	2.6	30
178	Conservation of vibrational coherence in ultrafast electronic relaxation: The case of diplatinum complexes in solution. <i>Chemical Physics Letters</i> , 2017 , 683, 112-120	2.5	29
177	NO binding kinetics in myoglobin investigated by picosecond Fe K-edge absorption spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12922-7	11.5	28
176	Evidence for a Peierls phase-transition in a three-dimensional multiple charge-density waves solid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5603-8	11.5	28
175	Ultrafast broadband circular dichroism in the deep ultraviolet. <i>Optica</i> , 2019 , 6, 56	8.6	28
174	On the enzymatic activity of catalase: an iron L-edge X-ray absorption study of the active centre. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 4827-32	3.6	27
173	Ultrafast solvent response upon a change of the solute size in non-polar supercritical fluids. <i>Chemical Physics</i> , 2005 , 308, 13-25	2.3	27

172	Perspective: Opportunities for ultrafast science at SwissFEL. <i>Structural Dynamics</i> , 2017 , 4, 061602	3.2	26
171	Relaxation dynamics of tryptophan in water: A UV fluorescence up-conversion and molecular dynamics study. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 9034-42	2.8	26
170	Ultrafast intramolecular relaxation of C60. <i>Chemical Physics Letters</i> , 2002 , 358, 516-522	2.5	26
169	Nonradiative Rydberg-j-valence relaxation of NO trapped in Ar, Kr, and Xe matrices. <i>Journal of Chemical Physics</i> , 1989 , 91, 5993-6005	3.9	26
168	Photoemission and photoionization time delays and rates. <i>Structural Dynamics</i> , 2017 , 4, 061502	3.2	25
167	Ultrafast inter-ionic charge transfer of transition-metal complexes mapped by femtosecond X-ray powder diffraction. <i>Journal of Chemical Physics</i> , 2013 , 138, 144504	3.9	25
166	Femtosecond transition state spectroscopy of solids: electronic bubble formation in solid hydrogen. <i>Chemical Physics Letters</i> , 1997 , 279, 65-72	2.5	25
165	Ultrafast structural dynamics in electronically excited solid neon. I. Real-time probing of the electronic bubble formation. <i>Physical Review B</i> , 2003 , 67,	3.3	25
164	Chemical synthesis and optical properties of size-selected CdSe tetrapod-shaped nanocrystals. <i>ChemPhysChem</i> , 2005 , 6, 2505-7	3.2	25
163	Investigation of nanolocal fluorescence resonance energy transfer for scanning probe microscopy. <i>Applied Physics Letters</i> , 1999 , 74, 3453-3455	3.4	25
162	Rydberg series of charge-transfer excitations: Cl and H in rare gas crystals. <i>Journal of Chemical Physics</i> , 1991 , 95, 1466-1472	3.9	25
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159	Ultrafast time-resolved X-ray absorption spectroscopy of chemical systems. <i>Synchrotron Radiation News</i> , 2003 , 16, 12-20	0.6	24
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157	Photon echo peak shift experiments in the UV: p-terphenyl in different solvents. <i>Journal of Molecular Liquids</i> , 2008 , 141, 118-123	6	23
156	Ultrafast dynamics of Rydberg states in the condensed phase. <i>Chemical Physics Letters</i> , 1996 , 259, 475-481	3.5	23
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- 153 Temperature-dependent electron-phonon coupling in $\text{La}_2\text{Sr}_x\text{CuO}_4$ probed by femtosecond x-ray diffraction. *Physical Review B*, **2013**, 88, 3.3 22
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