

# Alexey D Kondorskiy

## List of Publications by Year in descending order

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35  
papers

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citations

949033

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37  
docs citations

37  
times ranked

227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Size and Shape Effects in Optical Spectra of Silver and Gold Nanoparticles. Journal of Russian Laser Research, 2021, 42, 697-712.	0.3	3
2	Comparative Analysis of Optical Spectra of Plasmonic Nanoparticles of Different Geometrical Shapes. Bulletin of the Lebedev Physics Institute, 2020, 47, 276-279.	0.1	4
3	Threshold Effect in the Photoemission of Composite Nanoantennas Irradiated by Intense Femtosecond Laser Pulses. JETP Letters, 2020, 112, 699-704.	0.4	1
4	Light Absorption and Scattering Spectra of Gold Nanospheres Coated with TDBC J-Aggregates. Bulletin of the Lebedev Physics Institute, 2020, 47, 280-284.	0.1	2
5	Spectral-band replication phenomenon in a single pair of hybrid metal-organic nanospheres and nanodisks caused by plexcitonic coupling. Optics Express, 2019, 27, 11783.	1.7	11
6	Extinction Spectra of Bilayer Organometallic Nanoplatelets. Bulletin of the Lebedev Physics Institute, 2019, 46, 390-394.	0.1	8
7	Theoretical study of electronic properties and isotope effects in the UV absorption spectrum of disulfur. Chemical Physics, 2019, 516, 108-115.	0.9	5
8	Absorption and Scattering of Light by Silver and Gold Nanodisks and Nanoprisms. Journal of Russian Laser Research, 2018, 39, 56-66.	0.3	14
9	Effects of near-field electromagnetic coupling in dimers of nanoparticles with a silver core and a J-aggregate dye shell. Quantum Electronics, 2018, 48, 1035-1042.	0.3	8
10	Particle Shape Effects in the Extinction Spectra of Gold and Silver Nanoparticles. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 435-443.	0.1	1
11	Effects of Plasmon-Exciton Interaction in the Spectra of Light Absorption by Hybrid Systems Consisting of Two- and Three-Layer Organometallic Nanoparticles. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 453-458.	0.1	0
12	Effect of sizes of bowtie-composite nanoantenna elements on above-threshold photoemission spectra. Bulletin of the Lebedev Physics Institute, 2017, 44, 192-197.	0.1	1
13	The Nonadiabatic Trajectory. , 2017, , .		0
14	Electronically nonadiabatic wave packet propagation using frozen Gaussian scattering. Journal of Chemical Physics, 2015, 143, 114103.	1.2	8
15	Light absorption and plasmon-exciton interaction in three-layer nanorods with a gold core and outer shell composed of molecular J- and H-aggregates of dyes. Quantum Electronics, 2015, 45, 1153-1160.	0.3	18
16	Absorption of Light by Hybrid Metalorganic Nanostructures of Elongated Shape. Journal of Russian Laser Research, 2015, 36, 175-192.	0.3	13
17	Nonadiabatic calculations of ultraviolet absorption cross section of sulfur monoxide: Isotopic effects on the photodissociation reaction. Journal of Chemical Physics, 2014, 140, 044319.	1.2	20
18	Spectral features of electromagnetic field propagation along a nanoparticle chain. Bulletin of the Lebedev Physics Institute, 2013, 40, 122-125.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Photochemical dynamics of indolylmaleimide derivatives. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11546.	1.3	11
20	Control of Chemical Dynamics by Lasers: Theoretical Considerations. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6171-6187.	1.1	12
21	Semiclassical guided optimal control of molecular processes of many degrees of freedom. <i>Physical Review A</i> , 2008, 77, .	1.0	10
22	Controlling the angular distribution of atomic photoelectrons in the region of laser-induced continuum structure in the femtosecond time domain. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 4659-4671.	0.6	21
23	Selective excitation of metastable atomic states by femto- and attosecond laser pulses. <i>Physical Review A</i> , 2006, 74, .	1.0	0
24	SELECTIVE EXCITATION OF METASTABLE ATOMIC STATES BY FEMTO- AND ATTOSECOND LASER PULSES. , 2006, , .		0
25	Semiclassical guided optimal control of molecular dynamics. <i>Physical Review A</i> , 2005, 72, .	1.0	19
26	Laser control of electronic transitions of wave packet by using quadratically chirped pulses. <i>Journal of Chemical Physics</i> , 2005, 122, 084112.	1.2	22
27	SEMICLASSICAL FORMULATION OF OPTIMAL CONTROL THEORY. <i>Journal of Theoretical and Computational Chemistry</i> , 2005, 04, 75-87.	1.8	10
28	SEMICLASSICAL FROZEN GAUSSIAN PROPAGATION METHOD FOR ELECTRONICALLY NONADIABATIC CHEMICAL DYNAMICS: MÄLLER OPERATOR FORMULATION AND INCORPORATION OF THE ZHU-NAKAMURA THEORY. <i>Journal of Theoretical and Computational Chemistry</i> , 2005, 04, 89-102.	1.8	4
29	Semiclassical theory of electronically nonadiabatic chemical dynamics: Incorporation of the Zhu-Nakamura theory into the frozen Gaussian propagation method. <i>Journal of Chemical Physics</i> , 2004, 120, 8937-8954.	1.2	38
30	Accurate treatment of photodissociation of H <sub>2</sub> in strong laser field. , 2003, , .		0
31	Ionization of atoms by short laser pulses: resonance and interference effects. , 2003, 5228, 394.		3
32	Photodissociation of H <sub>2</sub> <sup>+</sup> and HD <sup>+</sup> in an intense laser field. <i>Physical Review A</i> , 2002, 66, .	1.0	17
33	Dynamics of interactions of short laser pulses with atoms: role of close-coupling effects. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, L663-L668.	0.6	10
34	Ionization of Atoms and Ions by Strong Electromagnetic Fields: Electron Redistribution in Continuum. <i>Physica Scripta</i> , 1999, T80, 553.	1.2	1
35	Influence of quantum transitions in the continuum on ionization of atoms in strong fields. <i>Journal of Experimental and Theoretical Physics</i> , 1999, 88, 658-665.	0.2	0