

Stefanie GrÄaefe

List of Publications by Year in descending order

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177
papers

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182
docs citations

182
times ranked

3115
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards synthetic unimolecular [Fe ₂ S ₂]-photocatalysts sensitized by perylene dyes. Dyes and Pigments, 2022, 198, 109940.	3.7	7
2	A Highly Fluorescent Dinuclear Aluminium Complex with Near-Unity Quantum Yield**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
3	Active repair of a dinuclear photocatalyst for visible-light-driven hydrogen production. Nature Chemistry, 2022, 14, 500-506.	13.6	32
4	Light-Driven Multi-Charge Separation in a Push-Pull Ruthenium-Based Photosensitizer – Assessed by RASSCF and TDDFT Simulations. ChemPhotoChem, 2022, 6, .	3.0	4
5	Activating a [FeFe] Hydrogenase Mimic for Hydrogen Evolution under Visible Light**. Angewandte Chemie - International Edition, 2022, , .	13.8	6
6	A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a –Extended dppz Ligand for Light-Driven Accumulation of Multiple Reducing Equivalents. Chemistry - A European Journal, 2022, 28, e202103882.	3.3	5
7	Ligand-Induced Donor State Destabilisation – A New Route to Panchromatically Absorbing Cu(I) Complexes. Chemistry - A European Journal, 2022, , .	3.3	5
8	Post-Ionization Dynamics of the Polar Molecule OCS in Asymmetric Laser Fields. Frontiers in Chemistry, 2022, 10, 859750.	3.6	8
9	Co-facial –Interaction Expedites Sensitizer-to-Catalyst Electron Transfer for High-Performance CO ₂ Photoreduction. JACS Au, 2022, 2, 1359-1374.	7.9	24
10	Unravelling the Mystery: Enlightenment of the Uncommon Electrochemistry of Naphthalene Monoimide [FeFe] Hydrogenase Mimics. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	6
11	Novel [FeFe]-Hydrogenase Mimics: Unexpected Course of the Reaction of Ferrocenyl –Thienyl Thioketone with Fe ₃ (CO) ₁₂ . Materials, 2022, 15, 2867.	2.9	7
12	Deep-Red Luminescent Molybdenum(0) Complexes with – and Tridentate Isocyanide Chelate Ligands. ChemPhotoChem, 2022, 6, .	3.0	9
13	Frontispiz: Aktivierung eines biomimetischen [FeFe]-Hydrogenase-Komplexes für die H ₂ -Produktion mit sichtbarem Licht. Angewandte Chemie, 2022, 134, .	2.0	0
14	Frontispiece: Activating a [FeFe] Hydrogenase Mimic for Hydrogen Evolution under Visible Light. Angewandte Chemie - International Edition, 2022, 61, .	13.8	0
15	Metal-ligand bonding in tricarbonyliron(0) complexes bearing thiochalcone ligands. New Journal of Chemistry, 2022, 46, 12924-12933.	2.8	1
16	Reaction Mechanism of Pd-Catalyzed –CO-Free–Carbonylation Reaction Uncovered by In Situ Spectroscopy: The Formyl Mechanism. Angewandte Chemie - International Edition, 2021, 60, 3422-3427.	13.8	9
17	pysisyphus: Exploring potential energy surfaces in ground and excited states. International Journal of Quantum Chemistry, 2021, 121, e26390.	2.0	29
18	Reaction Mechanism of Pd-Catalyzed –CO-Free–Carbonylation Reaction Uncovered by In Situ Spectroscopy: The Formyl Mechanism. Angewandte Chemie, 2021, 133, 3464-3469.	2.0	3

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19	Molecular structure retrieval directly from laboratory-frame photoelectron spectra in laser-induced electron diffraction. <i>Nature Communications</i> , 2021, 12, 1520.	12.8	20
20	Light-matter quantum dynamics of complex laser-driven systems. <i>Journal of Chemical Physics</i> , 2021, 154, 234106.	3.0	3
21	Excitation Energy-Dependent Branching Dynamics Determines Photostability of Iron(II)-Mesoionic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 9157-9173.	4.0	15
22	Excited-State Switching in Rhenium(I) Bipyridyl Complexes with Donor-Donor and Donor-Acceptor Substituents. <i>Journal of the American Chemical Society</i> , 2021, 143, 9082-9093.	13.7	19
23	Laser-Driven Anharmonic Oscillator: Ground-State Dissociation of the Helium Hydride Molecular Ion by Midinfrared Pulses. <i>Physical Review Letters</i> , 2021, 127, 043202.	7.8	5
24	Chemical Enhancement vs Molecule-Substrate Geometry in Plasmon-Enhanced Spectroscopy. <i>ACS Photonics</i> , 2021, 8, 2243-2255.	6.6	16
25	Tuning the metal-ligand bond in the σ -complexes of stannylenes and azabenzynes. <i>Journal of Computational Chemistry</i> , 2021, 42, 2103-2115.	3.3	2
26	pH sensors based on amino-terminated carbon nanomembrane and single-layer graphene van der Waals heterostructures. <i>Applied Physics Reviews</i> , 2021, 8, 031410.	11.3	7
27	Covalent Linkage of BODIPY-Photosensitizers to Anderson-Type Polyoxometalates Using CLICK Chemistry. <i>Chemistry - A European Journal</i> , 2021, 27, 17181-17187.	3.3	13
28	New insights into the biphasic α -CO-free-Pauson-Khand cyclisation reaction through combined <i>in situ</i> spectroscopy and multiple linear regression modelling. <i>Catalysis Science and Technology</i> , 2021, 11, 1626-1636.	4.1	1
29	Laser-induced electron diffraction of the ultrafast umbrella motion in ammonia. <i>Structural Dynamics</i> , 2021, 8, 014301.	2.3	13
30	Are charged tips driving TERS-resolution? A full quantum chemical approach. <i>Journal of Chemical Physics</i> , 2021, 154, 034106.	3.0	13
31	<i>Z</i> -Selective phosphine promoted 1,4-reduction of α -keto esters and propynoic amides in the presence of water. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6092-6097.	2.8	9
32	Spatially Resolving the Enhancement Effect in Surface-Enhanced Coherent Anti-Stokes Raman Scattering by Plasmonic Doppler Gratings. <i>ACS Nano</i> , 2021, 15, 809-818.	14.6	11
33	Hydrogen Production at a NiO Photocathode Based on a Ruthenium Dye-Cobalt Diimine Dioxime Catalyst Assembly: Insights from Advanced Spectroscopy and Post-operando Characterization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49802-49815.	8.0	16
34	A Molecular Photosensitizer in a Porous Block Copolymer Matrix: Implications for the Design of Photocatalytically Active Membranes. <i>Chemistry - A European Journal</i> , 2021, 27, 17049-17058.	3.3	6
35	Modulating the Excited-State Decay Pathways of Cu(I) π -Imidazolates Complexes by Excitation Wavelength and Ligand Backbone. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11498-11511.	2.6	5
36	Strong Ligand Stabilization Based on π -Extension in a Series of Ruthenium Terpyridine Water Oxidation Catalysts. <i>Chemistry - A European Journal</i> , 2021, 27, 16871-16878.	3.3	12

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37	Coupling of photoactive transition metal complexes to a functional polymer matrix**. Chemistry - A European Journal, 2021, 27, 17104-17114.	3.3	5
38	Trendbericht Physikalische Chemie: Chemie auf der Attosekunden-Zeitskala. Nachrichten Aus Der Chemie, 2020, 68, 54-57.	0.0	0
39	Role of MLCT States in the Franck-Condon Region of Neutral, Heteroleptic Cu(I)-imidazole Complexes: A Spectroscopic and Theoretical Study. Journal of Physical Chemistry A, 2020, 124, 6607-6616.	2.5	13
40	Tetraaryl Cyclopentadienones: Experimental and Theoretical Insights into Negative Solvatochromism and Electrochemistry. European Journal of Organic Chemistry, 2020, 2020, 6555-6562.	2.4	3
41	Molecular Scylla and Charybdis: Maneuvering between pH Sensitivity and Excited-State Localization in Ruthenium Bi(benz)imidazole Complexes. Inorganic Chemistry, 2020, 59, 12097-12110.	4.0	19
42	Ultrafast imaging of the Renner-Teller effect in a field-dressed molecule. Journal of Physics: Conference Series, 2020, 1412, 092001.	0.4	0
43	The impact of electron-electron correlation in ultrafast attosecond single ionization dynamics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 144005.	1.5	6
44	Imaging an isolated water molecule with an attosecond electron wave packet. Journal of Physics: Conference Series, 2020, 1412, 072047.	0.4	0
45	Iron(0)-Mediated Stereoselective (3+2)-Cycloaddition of Thiochalcones via a Diradical Intermediate. Chemistry - A European Journal, 2020, 26, 11412-11416.	3.3	8
46	Dissociation and ionization of HeH ⁺ in sub-cycle-controlled intense two-color fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 174001.	1.5	7
47	The chemical effect goes resonant - a full quantum mechanical approach on TERS. Nanoscale, 2020, 12, 6346-6359.	5.6	29
48	Excited-State Switching Frustrates the Tuning of Properties in Triphenylamine-Donor-Ligand Rhenium(I) and Platinum(II) Complexes. Inorganic Chemistry, 2020, 59, 6736-6746.	4.0	16
49	The role of anchoring groups in ruthenium(II)-bipyridine sensitized p-type semiconductor solar cells - a quantum chemical approach. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 234001.	1.5	3
50	Imaging an isolated water molecule using a single electron wave packet. Journal of Chemical Physics, 2019, 151, 024306.	3.0	16
51	Frontispiece: Two-Photon-Induced CO-Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. Chemistry - A European Journal, 2019, 25, .	3.3	0
52	Unraveling the Light-Activated Reaction Mechanism in a Catalytically Competent Key Intermediate of a Multifunctional Molecular Catalyst for Artificial Photosynthesis. Angewandte Chemie - International Edition, 2019, 58, 13140-13148.	13.8	34
53	Metal-Free Aryl Cross-Coupling Directed by Traceless Linkers. Chemistry - A European Journal, 2019, 25, 16068-16073.	3.3	11
54	Heteronuclear Limit of Strong-Field Ionization: Laser-Induced Fragmentation of HeH ⁺ . , 2019, , .		0

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55	Unraveling the Light-Activated Reaction Mechanism in a Catalytically Competent Key Intermediate of a Multifunctional Molecular Catalyst for Artificial Photosynthesis. <i>Angewandte Chemie</i> , 2019, 131, 13274-13282.	2.0	9
56	Effect of the Catalytic Center on the Electron Transfer Dynamics in Hydrogen-Evolving Ruthenium-Based Photocatalysts Investigated by Theoretical Calculations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16003-16013.	3.1	15
57	Strong-field ionization dynamics of asymmetric equilateral triatomic model molecules in circularly polarized laser fields. <i>Physical Review A</i> , 2019, 99, .	2.5	3
58	Visible light-activated biocompatible photo-CORM for CO-release with colorimetric and fluorometric dual turn-on response. <i>Polyhedron</i> , 2019, 172, 175-181.	2.2	10
59	Two-Photon-Induced CO-Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. <i>Chemistry - A European Journal</i> , 2019, 25, 8453-8458.	3.3	15
60	Imaging the Renner-Teller effect using laser-induced electron diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8173-8177.	7.1	41
61	Excited state properties of a series of molecular photocatalysts investigated by time dependent density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9052-9060.	2.8	12
62	Hydrogel-Embedded Model Photocatalytic System Investigated by Raman and IR Spectroscopy Assisted by Density Functional Theory Calculations and Two-Dimensional Correlation Analysis. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2677-2687.	2.5	7
63	Sterically induced distortions of nickel(II) porphyrins – Comprehensive investigation by DFT calculations and resonance Raman spectroscopy. <i>Coordination Chemistry Reviews</i> , 2018, 360, 1-16.	18.8	35
64	Fate of Photoexcited Molecular Antennae - Intermolecular Energy Transfer versus Photodegradation Assessed by Quantum Dynamics. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3273-3285.	3.1	6
65	Unusually Short-Lived Solvent-Dependent Excited State in a Half-Sandwich Ru(II) Complex Induced by Low-Lying 3MC States. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1550-1559.	2.5	2
66	A π^* State Enables Photoaccumulation of Charges on a π -Extended Dipyrrophenazine Ligand in a Ru(II) Polypyridine Complex. <i>Journal of Physical Chemistry C</i> , 2018, 122, 83-95.	3.1	19
67	An artificial photosynthetic system for photoaccumulation of two electrons on a fused dipyrrophenazine (dppz)-pyridoquinolinone ligand. <i>Chemical Science</i> , 2018, 9, 4152-4159.	7.4	48
68	Dramatic Alteration of 3ILCT Lifetimes Using Ancillary Ligands in $[Re(L)(CO)_3(phen-TPA)]^n+$ Complexes: An Integrated Spectroscopic and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2018, 140, 4534-4542.	13.7	49
69	Highly fluorescent single crystals of a 4-ethoxy-1,3-thiazole. <i>Dyes and Pigments</i> , 2018, 149, 644-651.	3.7	9
70	Strong-field polarizability-enhanced dissociative ionization. <i>Physical Review A</i> , 2018, 98, .	2.5	16
71	Cu(<i>vs.</i>) Ru photocatalysts: elucidation of electron transfer processes within a series of structurally related complexes containing an extended π -system. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24843-24857.	2.8	50
72	Palladium-SCS Pincer Complexes as Cross-Linking Moieties in Self-Healing Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800495.	3.9	9

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73	Theoretical Investigation of the Electron-Transfer Dynamics and Photodegradation Pathways in a Hydrogen-Evolving Ruthenium-Palladium Photocatalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 11166-11176.	3.3	12
74	Photophysics of a Ruthenium Complex with a π -Extended Dipyridophenazine Ligand for DNA Quadruplex Labeling. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6558-6569.	2.5	10
75	Heteronuclear Limit of Strong-Field Ionization: Fragmentation of HeH^+ by Intense Ultrashort Laser Pulses. <i>Physical Review Letters</i> , 2018, 121, 073203.	7.8	28
76	Imprints of the Molecular Electronic Structure in the Photoelectron Spectra of Strong-Field Ionized Asymmetric Triatomic Model Molecules. <i>Physical Review Letters</i> , 2018, 120, 233202.	7.8	11
77	Theoretical Assessment of Excited State Gradients and Resonance Raman Intensities for the Azobenzene Molecule. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 1263-1274.	5.3	26
78	Spin-dependent rescattering in strong-field ionization of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 065001.	1.5	6
79	Enhanced ionisation of polyatomic molecules in intense laser pulses is due to energy upshift and field coupling of multiple orbitals. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 125601.	1.5	21
80	Time-resolved photoelectron spectroscopy of IR-driven electron dynamics in a charge transfer model system. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19683-19690.	2.8	4
81	Strong-field ionization of asymmetric triatomic model molecules by few-cycle circularly polarized laser pulses. <i>Journal of Modern Optics</i> , 2017, 64, 1104-1111.	1.3	4
82	Intrinsic self-healing polymers with a high E-modulus based on dynamic reversible urea bonds. <i>NPG Asia Materials</i> , 2017, 9, e420-e420.	7.9	97
83	Light-responsive paper strips as CO-releasing material with a colourimetric response. <i>Chemical Science</i> , 2017, 8, 6555-6560.	7.4	23
84	Photochemistry and Electron Transfer Kinetics in a Photocatalyst Model Assessed by Marcus Theory and Quantum Dynamics. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16066-16078.	3.1	35
85	[FeFe]-Hydrogenase H-cluster mimics mediated by naphthalene monoimide derivatives of peri-substituted dichalcogenides. <i>Dalton Transactions</i> , 2017, 46, 11180-11191.	3.3	43
86	Enhanced ionization of acetylene in intense laser pulses is due to energy upshift and field coupling of multiple orbitals. , 2017, , .		0
87	Enhanced ionization of acetylene in intense laser pulses is due to energy upshift and field coupling of multiple orbitals. <i>Journal of Physics: Conference Series</i> , 2017, 875, 032012.	0.4	0
88	Extended charge accumulation in ruthenium-4H-imidazole-based black absorbers: a theoretical design concept. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13357-13367.	2.8	13
89	Spatial resolution of tip-enhanced Raman spectroscopy - DFT assessment of the chemical effect. <i>Nanoscale</i> , 2016, 8, 10229-10239.	5.6	64
90	Spectroelectrochemical Investigation of the One-Electron Reduction of Nonplanar Nickel(II) Porphyrins. <i>ChemPhysChem</i> , 2016, 17, 3480-3493.	2.1	8

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91	Synthesis of three series of ruthenium tris-diimine complexes containing acridine-based π -extended ligands using an efficient σ -chemistry on the complex approach. Dalton Transactions, 2016, 45, 16298-16308.	3.3	10
92	Influence of Protonation State on the Excited State Dynamics of a Photobiologically Active Ru(II) Dyad. Journal of Physical Chemistry A, 2016, 120, 6379-6388.	2.5	29
93	Ultrafast electron diffraction imaging of bond breaking in di-ionized acetylene. Science, 2016, 354, 308-312.	12.6	243
94	Theoretical investigation of alignment-dependent intense-field fragmentation of acetylene. Physical Review A, 2016, 94, .	2.5	14
95	Molecular self-healing mechanisms between C ₆₀ -fullerene and anthracene unveiled by Raman and two-dimensional correlation spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 17973-17982.	2.8	14
96	<i>Ab initio</i> perspective on the Mollwo-Ivey relation for $\langle \mathbf{r} \rangle$ in alkali halides. Physical Review B, 2015, 92, .	2.2	17
97	Frontispiece: Sensitization of NO-Releasing Ruthenium Complexes to Visible Light. Chemistry - A European Journal, 2015, 21, n/a-n/a.	3.3	0
98	Sensitization of NO-Releasing Ruthenium Complexes to Visible Light. Chemistry - A European Journal, 2015, 21, 15554-15563.	3.3	14
99	Synthesis and Characterization of Ga ^{III} , In ^{III} and Lu ^{III} Complexes of a Set of dtpa Bisamide Ligands. European Journal of Inorganic Chemistry, 2015, 2015, 4125-4137.	2.0	5
100	Two-dimensional Raman correlation spectroscopy reveals molecular structural changes during temperature-induced self-healing in polymers based on the Diels-Alder reaction. Physical Chemistry Chemical Physics, 2015, 17, 22587-22595.	2.8	38
101	Photophysics of a Ruthenium 4H-imidazole Panchromatic Dye in Interaction with Titanium Dioxide. ChemPhysChem, 2015, 16, 1061-1070.	2.1	14
102	Ultrafast Intramolecular Relaxation and Wavepacket Motion in a Ruthenium-Based Supramolecular Photocatalyst. Chemistry - A European Journal, 2015, 21, 7668-7674.	3.3	24
103	Photophysics of Ru(II) Dyads Derived from Pyrenyl-Substituted Imidazo[4,5-f][1,10]phenanthroline Ligands. Journal of Physical Chemistry A, 2015, 119, 3986-3994.	2.5	34
104	In situ spectroelectrochemical and theoretical study on the oxidation of a 4H-imidazole-ruthenium dye adsorbed on nanocrystalline TiO ₂ thin film electrodes. Physical Chemistry Chemical Physics, 2015, 17, 29637-29646.	2.8	16
105	And yet they glow: thiazole based push-pull fluorophores containing nitro groups and the influence of regioisomerism. Methods and Applications in Fluorescence, 2015, 3, 025005.	2.3	16
106	Trapped in Imidazole: How to Accumulate Multiple Photoelectrons on a Black-Absorbing Ruthenium Complex. Chemistry - A European Journal, 2014, 20, 3793-3799.	3.3	38
107	Selective Control over Fragmentation Reactions in Polyatomic Molecules Using Impulsive Laser Alignment. Physical Review Letters, 2014, 112, 163003.	7.8	66
108	Resonance-Raman spectro-electrochemistry of intermediates in molecular artificial photosynthesis of bimetallic complexes. Chemical Communications, 2014, 50, 5227.	4.1	48

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109	Self-healing mechanism of metallopolymers investigated by QM/MM simulations and Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12422.	2.8	53
110	Tuning of photocatalytic activity by creating a tridentate coordination sphere for palladium. <i>Dalton Transactions</i> , 2014, 43, 11676.	3.3	23
111	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{F} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ center in lithium fluoride revisited: Comparison of solid-state physics and quantum-chemistry approaches. <i>Physical Review B</i> , 2014, 89, .	3.2	43
112	Selective inner-valence ionization of aligned polyatomic molecules for controlling molecular fragmentation. <i>Journal of Physics: Conference Series</i> , 2014, 488, 032013.	0.4	0
113	Controlling Fragmentation Reactions of Polyatomic Molecules with Impulsive Alignment. , 2014, , .		0
114	Controlling molecular fragmentation reactions with impulsive alignment. , 2014, , .		0
115	Towards an ab initio description of the charge transfer between a proton and a lithium fluoride surface: A quantum chemistry approach. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 18-22.	1.4	2
116	Synthesis, properties and quantum chemical evaluation of solvatochromic pyridinium-phenyl-1,3-thiazol-4-olate betaine dyes. <i>Tetrahedron</i> , 2013, 69, 1489-1498.	1.9	12
117	Classical-quantum correspondence in atomic ionization by midinfrared pulses: Multiple peak and interference structures. <i>Physical Review A</i> , 2013, 87, .	2.5	35
118	An Assessment of RASSCF and TDDFT Energies and Gradients on an Organic Donor-“Acceptor Dye Assisted by Resonance Raman Spectroscopy. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 543-554.	5.3	38
119	Probing the influence of the Coulomb field on atomic ionization by sculpted two-color laser fields. <i>New Journal of Physics</i> , 2013, 15, 043050.	2.9	24
120	Controlling molecular isomerization and fragmentation with laser-induced electron recollision. , 2013, , .		1
121	Classical analysis of Coulomb effects in strong-field ionization of H $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ by intense circularly polarized laser fields. <i>Physical Review A</i> , 2013, 88, .	2.5	20
122	Control of fragmentation reactions in impulsively aligned polyatomic molecules by selective removal of inner-valence electrons. , 2013, , .		0
123	Short Introduction to Atomic and Molecular Configuration. , 2013, , 39.		0
124	Time-Resolved Photoelectron Spectroscopy of Coupled Nuclear-Electronic Dynamics. <i>EPJ Web of Conferences</i> , 2013, 41, 02036.	0.3	0
125	Low-Energy Peak Structure in Strong-Field Ionization by Mid-Infrared Laser Pulses. <i>EPJ Web of Conferences</i> , 2013, 41, 02016.	0.3	0
126	Fragmentation Control of a Polyatomic Molecule by fully determined Laser-Fields. <i>EPJ Web of Conferences</i> , 2013, 41, 02021.	0.3	0

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127	Path-selective investigation of intense laser-pulse-induced fragmentation dynamics in triply charged 1,3-butadiene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 085603.	1.5	25
128	Quantum phase-space analysis of electronic rescattering dynamics in intense few-cycle laser fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 055002.	1.5	22
129	Low-energy peak structure in strong-field ionization by midinfrared laser pulses: Two-dimensional focusing by the atomic potential. <i>Physical Review A</i> , 2012, 85, .	2.5	64
130	Quantum Control of Electron Wavepacket Dynamics in Molecules by Trains of Half-Cycle Pulses. <i>Journal of Physics: Conference Series</i> , 2012, 388, 012033.	0.4	0
131	Low energy peak features in atomic ionization by mid-infrared laser pulses. <i>Journal of Physics: Conference Series</i> , 2012, 388, 032042.	0.4	0
132	Controlling and reading interference structures created by strong field ionizing attosecond electron wave packets. <i>Journal of Physics: Conference Series</i> , 2012, 388, 032059.	0.4	0
133	Structural Control of Photoinduced Dynamics in 4 <i>H</i> -Imidazole-Ruthenium Dyes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25664-25676.	3.1	38
134	Fingerprints of Adiabatic versus Diabatic Vibronic Dynamics in the Asymmetry of Photoelectron Momentum Distributions. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2617-2620.	4.6	14
135	Arylamine-Modified Thiazoles as Donor-Acceptor Dyes: Quantum Chemical Evaluation of the Charge-Transfer Process and Testing as Ligands in Ruthenium(II) Complexes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5231-5247.	2.4	26
136	A Novel Ru(II) Polypyridine Black Dye Investigated by Resonance Raman Spectroscopy and TDDFT Calculations. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19968-19977.	3.1	30
137	Observing the influence of the Coulomb binding potential on momentum spectra of strong-field driven electronic wave packets. <i>Journal of Physics: Conference Series</i> , 2012, 388, 032060.	0.4	0
138	Attosecond-Recollision-Controlled Selective Fragmentation of Polyatomic Molecules. <i>Physical Review Letters</i> , 2012, 109, 243001.	7.8	136
139	Coulomb asymmetry and sub-cycle electron dynamics in multiphoton multiple ionization of H_{2}^{2+} . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 194011.	1.5	35
140	Attosecond Probe of Valence-Electron Wave Packets by Subcycle Sculpted Laser Fields. <i>Physical Review Letters</i> , 2012, 108, 193004.	7.8	131
141	4-Methoxy-1,3-thiazole based donor-acceptor dyes: Characterization, X-ray structure, DFT calculations and test as sensitizers for DSSC. <i>Dyes and Pigments</i> , 2012, 94, 512-524.	3.7	67
142	Controlling and Reading Interference Structures Created by Strong Field Ionizing Attosecond Electron Wave Packets. <i>Springer Proceedings in Physics</i> , 2012, , 193-197.	0.2	0
143	Attosecond wavefunction retrieval by electron wavepacket interferometry. , 2012, , .		0
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